Draft

Muir at Anderson School
Whole Site Modernization Project

Draft Initial Study/Mitigated Negative Declaration

Prepared for
San Diego Unified School District

April 2019







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ACRONYMS

ADT	Average Daily Trips
ALUCP	Airport Land Use Compatibility Plan
APN	Assessor's Parcel Number
BACT	Best Available Control Technology
BMPs	Best Management Practices
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
Caltrans	California Department of Transportation
Cal/OSHA	California Division of Occupational Safety and Health
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CH_4	Methane
CNDDB	California Natural Diversity Database
CO	Carbon Monoxide
CO_2	Carbon Dioxide
DPM	diesel particulate matter
DSA	California Division of State Architects
DTSC	Department of Toxic Substances Control
EIR	Environmental Impact Report
EO	Executive Order
EPA	Environmental Protection Agency
EMFAC2017	2017 Emission Factors Model
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FTA	Federal Transportation Administration

GHG	greenhouse gases
HI	Hazard Index
hp	horsepower
HRA	Historic Resource Assessment
HVAC	heating, ventilation, and air conditioning
I	Interstate
ITE	Institute of Transportation Engineers
LOS	level of service
LUST	Leaking Underground Storage Tank
MBTA	Migratory Bird Treaty Act
Mgd	Million Gallons per Day
MHPA	Multi Habitat Planning Area
MSCP	Multiple Species Conservation Program
$MTCO_{2e}$	metric tons of carbon dioxide equivalent
MTS	Metropolitan Transit System
MND	Mitigated Negative Declaration
MRZ	Mineral Resource Zone
Mt.	Mount
MT	Metric Ton
NAHC	Native American Heritage Commission
NCWRP	North City Water Reclamation Plant
ND	Negative Declaration
NO_x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
N_2O	Nitrous Oxide
O_3	ozone
PM_{10}	particulate matter with an aerodynamic diameter of 10 micrometers or less
$PM_{2.5}$	particulate matter with an aerodynamic diameter of 2.5 micrometers or less
PPV	peak particle velocity
PRC	Public Resources Code
PUD	Public Utilities Department
RAQS	Regional Air Quality Strategies
RELs	reference exposure levels

Page

RMS	root mean square
RWQCB	Regional Water Quality Control Board
SANDAG	San Diego Association of Governments
SCIC	South Coastal Information Center
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SDFD	San Diego Fire Department
SDG&E	San Diego Gas and Electric
SDNHM	San Diego Natural History Museum
SLF	Sacred Lands File
SR	State Route
SVP	Society of Vertebrate Paleontology
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
T-BACTs	toxics best available control technologies
TIA	Traffic Impact Analysis
TNM	Traffic Noise Model
UWMP	Urban Water Management Plan
VHFHSZ	Very High Fire Hazard Severity Zones
VOC	volatile organic compounds

CHAPTER 1
Introduction

1.1 Overview

The San Diego Unified School District (District), as the lead agency under the California Environmental Quality Act (CEQA), has prepared this Initial Study/MND to evaluate the potential environmental impacts associated with the Muir at Anderson School Whole Site Modernization Project (Proposed Project). The Proposed Project involves improvements to the existing John Muir Language Academy (Muir at Anderson School) campus, including demolition of portable classrooms and a portion of the existing general-use parking lot, and construction of an administration building, kitchen expansion, kindergarten expansion, classroom building, a locker building, and reconfigured parking lots with associated fire lanes, as detailed below. With implementation of the Proposed Project, student capacity would be increased by approximately 359 students. Implementation of the Proposed Project would require approval by the District Board of Education. As part of the District's discretionary review process, the Proposed Project is required to undergo an environmental review in accordance with CEQA.

1.2 CEQA Requirements

Approval of the Proposed Project is a discretionary action and is therefore subject to the requirements of CEQA (Public Resources Code [PRC], Division 13, Sections 21000–21177) and the State CEQA Guidelines (California Code of Regulations [CCR], Title 14, Sections 15000–15387). Initial Studies/Environmental Checklist Forms such as this document are typically used as a basis for deciding whether to prepare an environmental impact report (EIR), a mitigated negative declaration (MND), or a negative declaration (ND) for a project, pursuant to CEQA.

An Initial Study/Environmental Checklist Form is intended to satisfy the requirements of CEQA (PRC Division 13, Sections 21000-21177) and the State CEQA Guidelines (14 CCR 15000-15387). CEQA encourages lead agencies and applicants to modify their projects to avoid significant adverse impacts. Per CEQA (14 CCR 15070), an MND may be prepared for a project subject to CEQA when an Initial Study has identified potentially significant impacts on the environment, but revisions have been made or mitigation has been added so that no significant impacts on the environment would result from project implementation. Based on the findings of the Initial Study, the District has determined that preparation of an MND is the appropriate method to present environmental review of the Proposed Project in compliance with CEQA.

1.3 Terminology

The following terms are used to describe the level of significance of impacts.

- A finding of *no impact* is used if the analysis concludes that a project would not affect the particular topic area in any way.
- An impact is considered *less than significant* if the analysis concludes that a project would cause no substantial adverse change to the environment and requires no mitigation.
- An impact is considered *less than significant with mitigation incorporated* if the analysis concludes that a project would cause no substantial adverse change to the environment provided that environmental commitments or other enforceable measures are included as part of the Proposed Project.
- An impact is considered *potentially significant* if the analysis concludes that a project could have a substantial adverse effect on the environment.

1.4 Initial Study Organization

The content and format of this report are designed to meet the requirements of CEQA. This Initial Study/MND identifies the potential environmental impacts of the Proposed Project to support the decision to prepare an MND. The report contains the following sections.

- **Chapter 1, Introduction,** identifies the purpose and scope of the Initial Study/MND.
- **Chapter 2, Project Description,** identities the location and environmental setting of the Project Site and describes the Proposed Project in detail.
- **Chapter 3, Environmental Checklist,** presents the checklist responses for each resource topic. This section identifies the potential impacts of implementing the Proposed Project, and identifies all references and individuals cited in this Initial Study/MND.

CHAPTER 2
Project Description

2.1 Project Overview

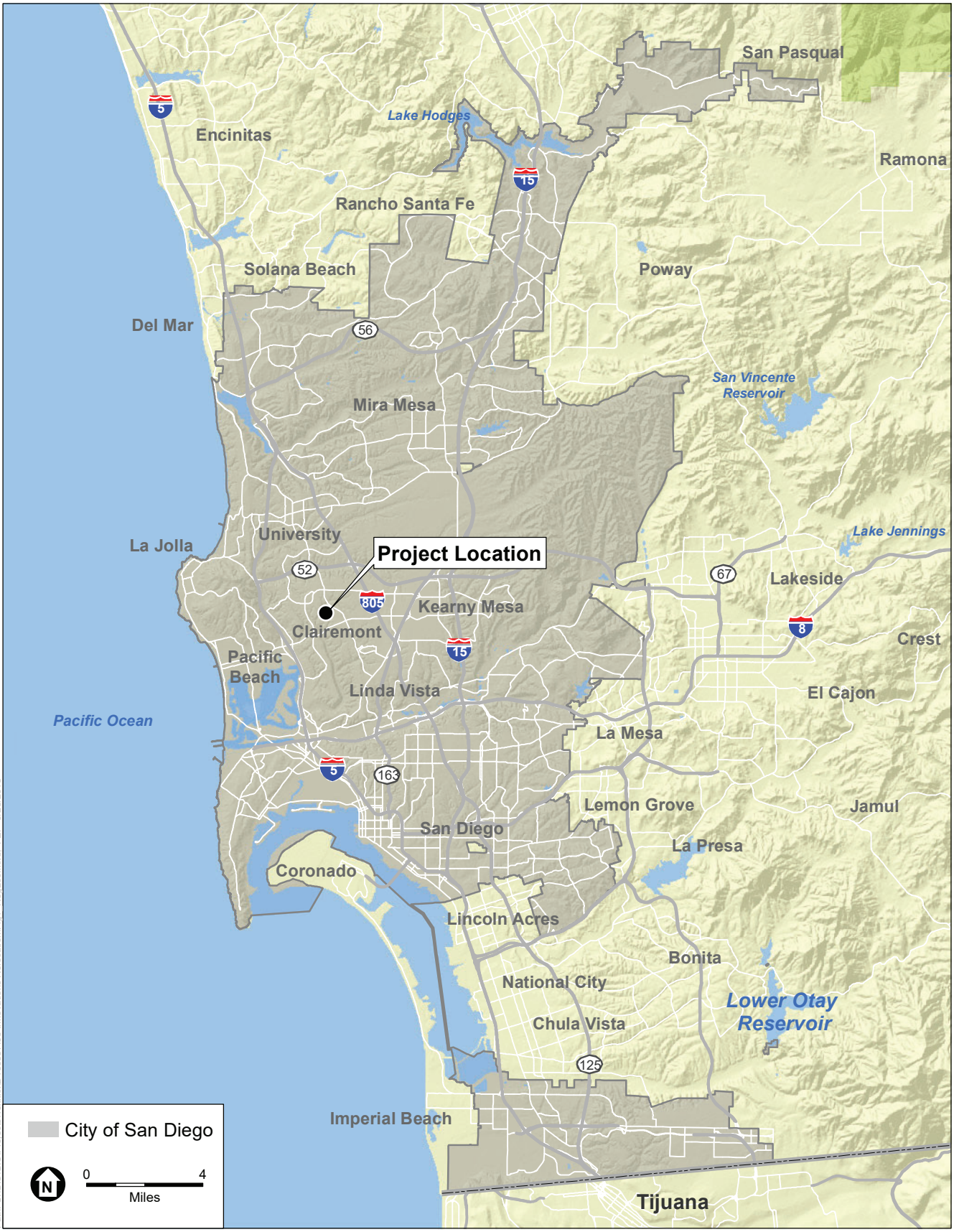
This chapter provides a description of the proposed John Muir Language Academy (Muir at Anderson School) Whole Site Modernization Project (Proposed Project), which provides a basis for the environmental analysis contained in this Initial Study/MND. The Proposed Project involves improvements to the existing Muir at Anderson School campus (Project Site), including demolition of portable classrooms and a portion of the existing general-use parking lot, and construction of a proposed administration building, kitchen expansion, kindergarten expansion, classroom building, a locker building, and reconfigured parking lots with associated fire lanes, as detailed below. With implementation of the Proposed Project, student capacity would be increased by approximately 359 students, from the existing capacity of 395, for a total capacity of 754.

2.2 Environmental Setting

2.2.1 Project Location

Muir at Anderson School is located in the Clairemont community, in the central portion of the city of San Diego. As shown in **Figure 1**, Clairemont is located east of the community of Pacific Beach, west of the community of Kearny Mesa, north of the community of Linda Vista, and south of the community of University City. It is located approximately 1.6 miles east of Interstate (I-) 5, approximately 1.5 miles south of State Route (SR) 52, and approximately 1.5 miles west of I- 805. Local access is provided by Clairemont Mesa Boulevard to the north, Genesee Avenue to the east, Balboa Avenue to the south, and Clairemont Drive to the west.

The entire 10-acre Muir at Anderson School campus is considered to constitute the Project Site. The Project Site is located entirely within Assessor's Parcel Number (APN) 361-290-04. The Project Site is bound by Mount (Mt.) Etna Drive to the north, Mt. Herbert Avenue to the west, and Mt. Laudo Drive to the south, as shown in **Figure 2**.

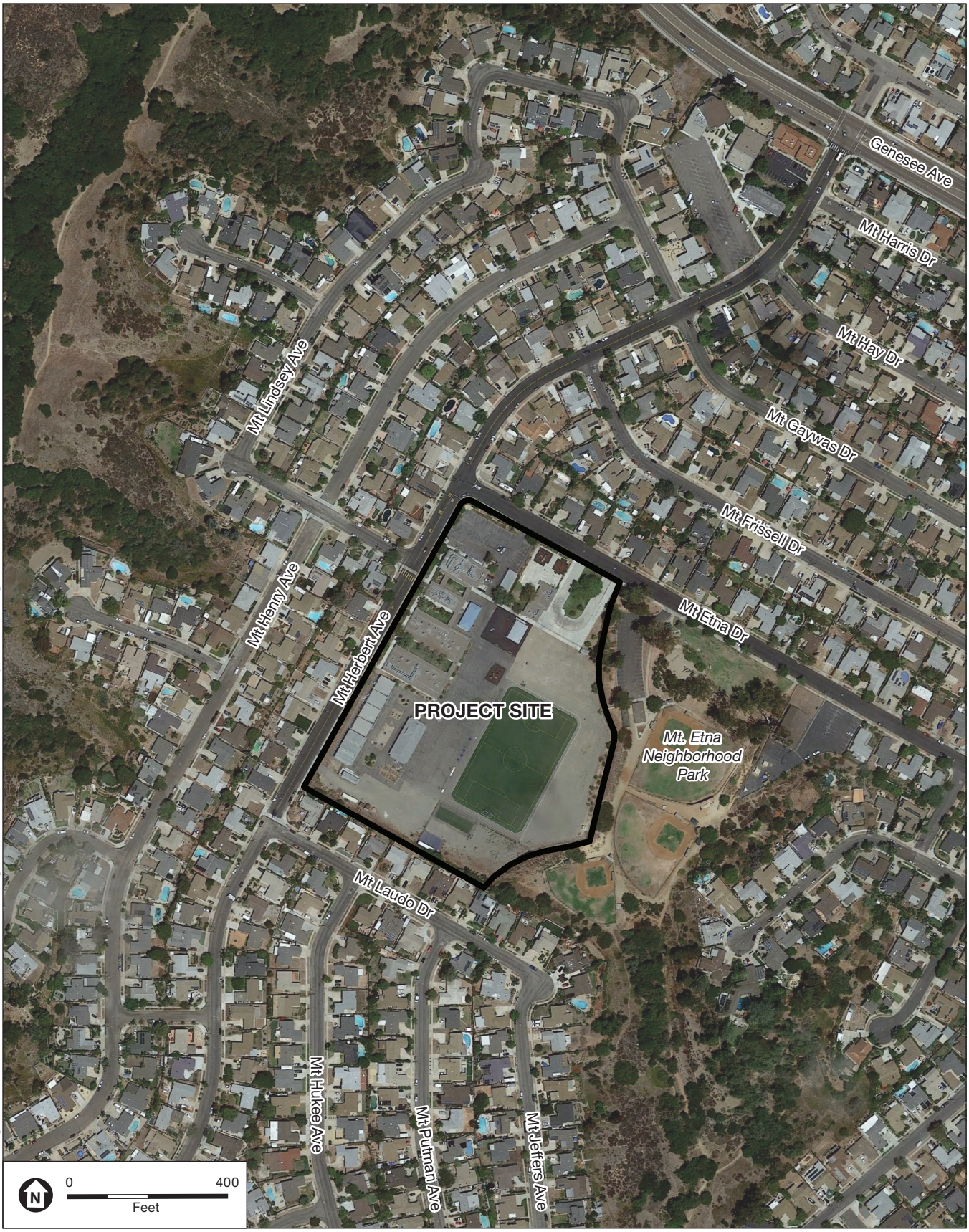


SOURCE: ESRI; SanGIS 2015

Muir at Anderson School

Figure 1
Regional Location

ESA



SOURCE: ESA, 2019; Base Map Google Earth, 2019

Muir at Anderson School

Figure 2
Project Location

ESA

2.2.2 Surrounding Uses

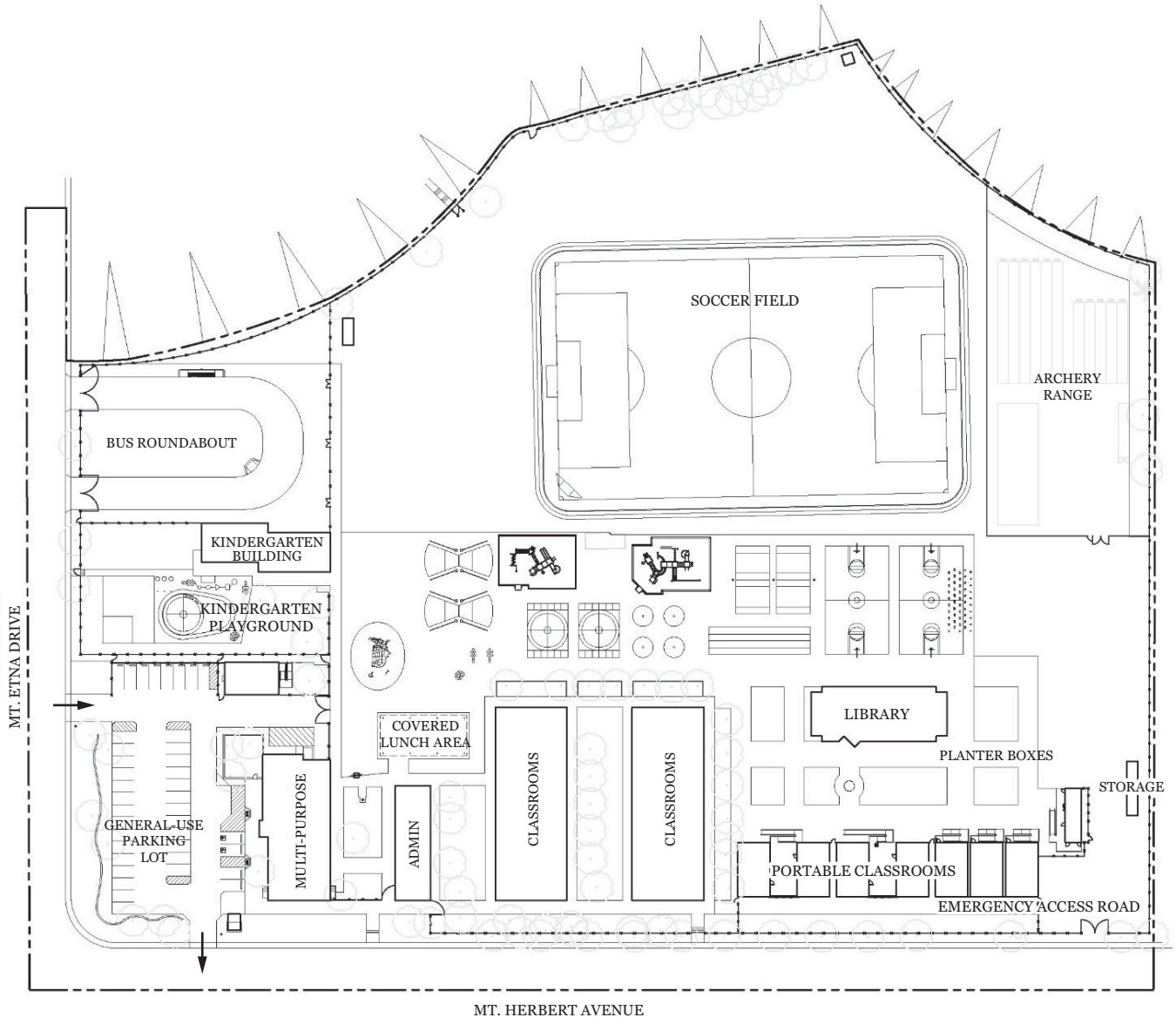
The Project Site is located within a suburban residential neighborhood comprised primarily of single-family (one and two story) homes. Mt. Etna Neighborhood Park is located immediately to the east of the Project Site, and provides active recreational uses (three baseball fields, a playground, and picnic tables). Undeveloped canyons that are part of the larger Tecolote Canyon Natural Park are situated adjacent to the east of Mt. Etna Neighborhood Park (approximately 200 feet east of the Project Site). The northern extent of Tecolote Canyon Natural Park is located approximately 400 feet (two blocks) to the west. Single-family residences surround the Project Site to the north, west, and south. Further east on Mt. Etna Drive are the Tsumiki Preschool (approximately 350 feet from the Project Site), Clairemont Christian Fellowship Church (approximately 0.1 mile from the Project Site), and Mt. Everest Academy, a K-12 Independent Study school managed by the District (approximately 0.3 mile from the Project Site).

2.2.3 Project Site Characteristics

The entire 10-acre Project Site is zoned as Residential-Single Unit RS-1-7 (City of San Diego 2018). According to the City of San Diego General Plan, the Project Site has a land use designation of Institutional and Public and Semi-Public Facilities that is consistent with its use as a school (City of San Diego 2010).

The Project Site is currently occupied by the Muir at Anderson School, a kindergarten through eighth grade magnet school focused on French and Spanish language immersion. The school campus was originally constructed in 1961 as the Hans Christian Andersen Elementary School and has undergone a number of name changes and changes of purpose. The current John Muir Magnet school is a transitional kindergarten (TK) through 12th grade school. Since its original construction, a number of improvements have occurred, including installation of a heating, ventilation, and air conditioning (HVAC) system on the rooftops, construction of a new library in 2008, addition of a soccer field in 2016, and other general improvements. The school currently has a maximum capacity of 395 students and had a reported actual student enrollment of 187 students in the 2018-2019 school year (District 2018). Peak enrollment over the last 10 years was during the 2010/2011 school year when enrolment was 391 students. Enrollment has declined since then to its current enrollment mostly due to the transition of the school to a Kindergarten through 8th grade language academy school. In its current configuration, the school has 16 classrooms, an administration building, a library, and other ancillary support spaces spread out across 17 permanent and portable buildings. There are an estimated 20-25 staff members employed at the school as well, as of 2018-2019.

As shown in **Figure 3**, primary campus development is situated in the western and northern portions of the Project Site (fronting Mt. Herbert Avenue and Mt. Etna Drive) and includes six single-story permanent structures (including classrooms, an administration building, multi-purpose room, library, and kindergarten room), nine single-story portable classroom structures, asphalt playground areas (including one near the existing kindergarten building), a covered lunch area, a general-use parking lot, and a bus roundabout.



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SOURCE: Mele Amantea Architects II, LLP

Muir at Anderson School

Figure 3
Existing Site Layout

ESA

The existing school structures include 11,581 square feet (sf) of administrative space (the administrative, multi-purpose, and library buildings), 18,565 sf of classrooms, and an additional 7,680 sf of portable space, for a total of 37,826 sf. Landscaped courtyards are situated between the primary classroom buildings. A general-use 39-space parking lot (including two Americans with Disabilities Act [ADA] spaces and two spaces reserved for staff) is located in the northwestern corner of the Project Site, with ingress into the parking lot provided off Mt. Etna Drive and egress onto Mt. Herbert Avenue.

A bus roundabout is located along Mt. Etna Drive. The eastern portion of the Project Site consists of a decomposed granite space with a synthetic turf soccer field. Wooden planter boxes, a storage unit, two wooden sheds, and a fenced archery range (for the school use only) with a natural turf strip are located on the southern portion of the Project Site. A paved controlled-access driveway is located on the southern portion of the Project Site via Mt. Herbert Avenue for emergency vehicles and staff. Landscaping is limited to shade trees throughout the Project Site and ornamental landscaping along the periphery of the site.

While the Project Site itself is relatively level, the surrounding topography slopes downward to the east. Mt. Herbert Avenue to the west and Mt. Laudo Drive (and adjacent residences) to the south are topographically higher than the Project Site, and Mt. Etna Neighborhood Park to the east is topographically lower than the Project Site. Vegetated slopes buffer the Project Site to the west, south, and east.

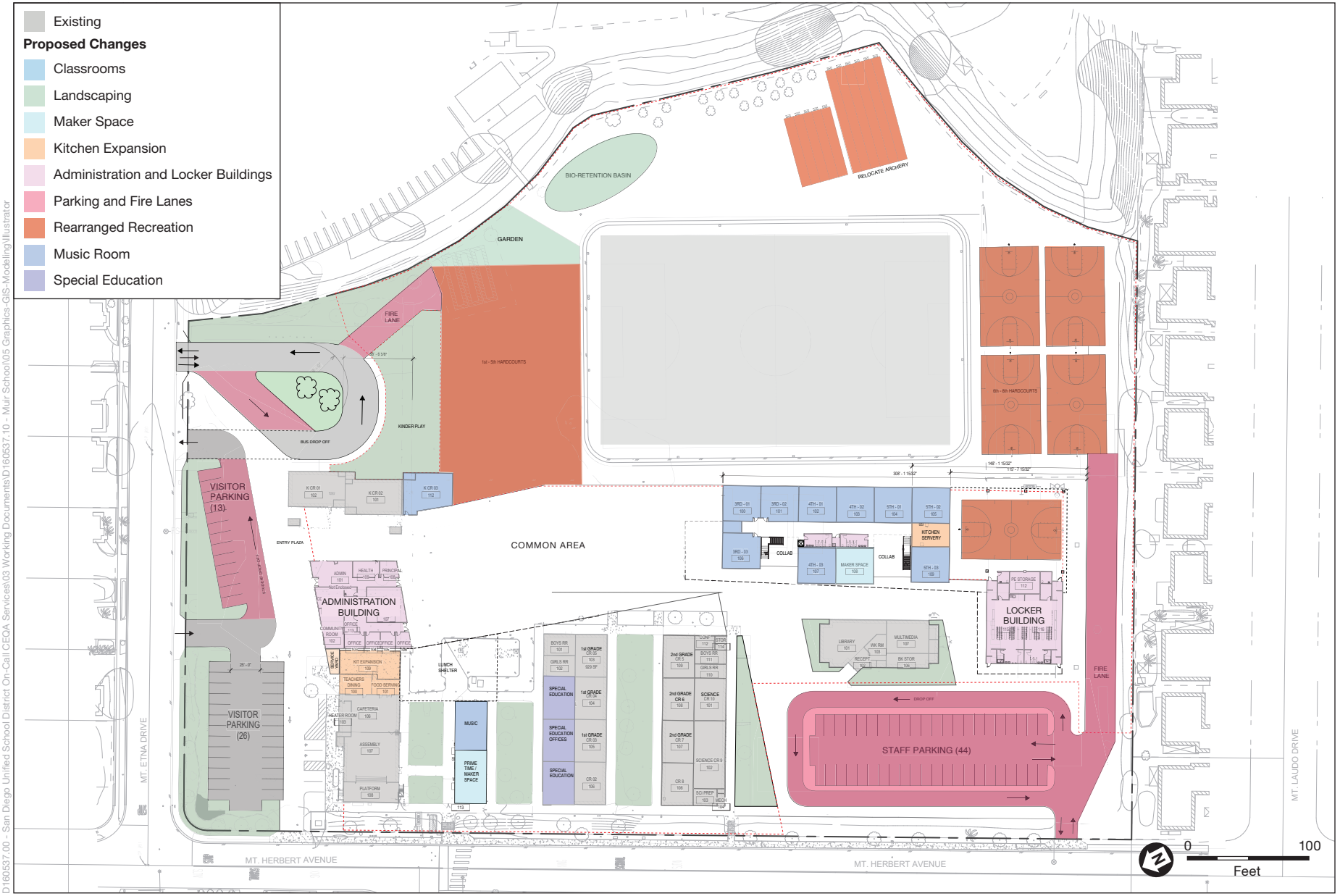
As an independently run public school, voluntary enrollment is based on an application and lottery process. The school is open during the traditional school year (late August through June) and does not provide summer school. School hours (bell schedule) are 7:30 a.m. to 2:25 p.m. Monday through Friday, except for early dismissal at 1:00 p.m. on Wednesdays. In addition, a before and after school care program, PrimeTime, operates at the Project Site Monday, Tuesday, and Friday 6:00 a.m. to 7:25 a.m.; Monday, Tuesday, and Friday 2:30 p.m. to 6:31 p.m.; and Wednesdays 1:05 p.m. to 6:31 p.m. (District 2019.

2.3 Project Characteristics

The Proposed Project would modernize the Muir at Anderson School, including the renaming of the school to the John Muir Language Academy and the conversion of the site to a K-8 language immersion program. Proposed Project components are shown on **Figure 4**.

2.3.1 Northern Project Site Improvements

The proposed improvements would require removal of the northern kindergarten playground area and a portion of the existing general-use parking lot in order to construct a new approximately 5,402 sf one-story administration building and expand the kindergarten classrooms by an additional 1,340 sf. East of the proposed kindergarten classroom expansion would be a new designated kindergarten play area. In addition, proposed improvements would include a 1,111 sf kitchen expansion adjacent to and west of the proposed administration building, connecting the proposed administration building to the existing multi-purpose building.



SOURCE: Baker Nowicki Design Studio

Muir at Anderson School

Figure 4
Project Components

ESA

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Proposed buildings would incorporate fiber cement siding and stucco, similar to existing buildings on the campus. The proposed administration building would include a staff lounge, office space, health services space, a conference room, and a community room. The proposed kitchen expansion would include kitchen space, a food serving area, a service yard, and a teachers dining area. The existing adjacent outdoor lunch shelter would remain similar to existing conditions. The existing administration building would include interior modernization improvements to turn the building into a music and "maker space" building, which would provide space for science, technology, engineering, arts and mathematics (STEAM) uses.

In addition, the interior of the existing classrooms south of the existing administration building (or new music and maker space building) would include interior modernization improvements to turn a portion of classrooms into special education classrooms and special education offices.

The existing general-use parking lot would be reconfigured and expanded east to connect to the existing bus loop's northern driveway. The parking lot would maintain the existing 39 spaces for visitor parking, and include a one-way flow-through area for student drop off. Unlike existing conditions, access to the general-use parking lot would only occur from Mt. Etna Drive (rather than from Mt. Etna Drive and Mt. Herbert Avenue). The existing bus loop would remain but would be reconfigured, with the eastern driveway consolidated to a two-way driveway, with an additional diagonal lane for a one-way loop (traffic cones would be set up daily by school staff to separate the bus loop from the general-use parking lot). A designated fire lane would be constructed branching southeast from the bus loop towards the existing soccer field.

2.3.2 Southern Project Site Improvements

The Proposed Project would relocate an asphalt playground area (which includes courts and a playground structure) from the southern portion of the Project Site to be located adjacent to and north of the existing soccer field. In the place of the existing asphalt playground would include a paved common area for students to gather. The existing archery range would be relocated to the east of the existing soccer field, and five asphalt hardcourts would be constructed in place of the archery range. Additionally, an approximately 29,548 sf two-story classroom building would be constructed west of the existing soccer field. The classroom building would include 3rd through 5th grade classrooms, a maker space, restrooms, a kitchen, and collaborative space. In addition, a 4,919 sf locker building (with dedicated girl's and boy's locker and restrooms) and physical education storage area is proposed south of the existing library. Similar to the proposed administration, kitchen, and kindergarten buildings detailed above, the proposed classroom and locker buildings would be constructed with fiber cement siding and stucco materials.

The existing portable classrooms located on the western portion of the Project Site would be demolished, as they are too old to be relocated and reused. While portable classroom space would be demolished, total classroom space on the Project Site would increase from 26,245 sf (existing classrooms and portables) to 51,874 sf with the addition of the proposed classroom building and expansion of the kindergarten building. The total number of classrooms once the Project has been completed would increase from 16 to 29 permanent classrooms.

A new dedicated staff parking lot would be constructed in the place of the existing portable classrooms, with ingress and egress access from a single driveway off of Mt. Herbert Avenue. The staff parking lot would provide 44 spaces, and would also include a dedicated drop off loop around its perimeter. A dedicated fire lane would be located on the south edge of the Project Site with access towards the proposed hardcourts and soccer field.

The existing library building would remain in place with landscaping proposed around the perimeter of the building. The existing lunch tables surrounding the library would be removed. In order to accommodate the proposed staff parking lot, the existing raised planter boxes would be relocated to a new dedicated garden area north of the soccer field.

2.3.3 Access, Parking, and Circulation

As detailed above, while reconfigured, the existing general-use parking lot would maintain its existing 39 parking spaces and utilize existing driveways. With the addition of the southwestern staff parking lot (44 parking spaces), parking on the Project Site would be increased to a total of 83 spaces. Parking requirements for the site were determined based on the City of San Diego Municipal Code (Section 142.050 et seq.). Specifically, Table 142-05G specifies parking ratios for specified non-residential use. Grade K-9 educational uses require two parking spaces per classroom. Based on the City's Municipal Code, 29 total classrooms would require 58 parking spaces. Therefore, the proposed 83 on-site parking spaces would more than accommodate the Proposed Project.

Unlike the current condition, ingress and egress into the northern general-use parking lot would occur along Mt. Etna Drive (and egress onto Mt. Herbert Avenue would no longer occur). Ingress to the general-use parking lot would occur at the western driveway, in order to accommodate a one-way flow-through area for student drop off, with egress occurring in the eastern driveway.

Access to and from the proposed staff parking lot would utilize the existing locked emergency access driveway along Mt. Herbert Avenue. This driveway would be an unsignalized right-turn-in, right-turn-out driveway as in current conditions. A fire lane would be constructed from the staff parking lot extending east to the existing soccer field.

The existing bus loop would remain but would be reconfigured, with the eastern driveway consolidated to a two-way driveway, with an additional diagonal lane for a one-way loop (traffic cones would be set up daily by school staff to separate the bus loop from the general-use parking lot). A fire lane would be constructed branching southeast from the bus loop towards the existing soccer field.

Existing pedestrian walkways would continue to be provided via contiguous sidewalks on Mt. Etna Drive and Mt. Herbert Avenue along the Project frontage. A marked pedestrian crosswalk currently exists at the intersection of Mt. Herbert Avenue and Mt. King Drive and would remain similar to existing conditions. There are no existing dedicated bicycle lanes surrounding the Project Site and none are proposed under the Project.

2.3.4 Landscaping Plan

The western half of the Project Site consists almost entirely of impervious paved surfaces with landscaped courtyards, and the eastern half consists of pervious decomposed granite with a synthetic turf soccer field. The Proposed Project would involve the reconfiguration of buildings on the paved portion of the Project Site as described, with an additionally paved area north and south of the existing soccer field due to the proposed relocation of a playground and hardcourts. Overall, there would be a net increase in the amount of impervious surfaces. A total of 19 trees on the Project Site would be removed to construct the proposed administration and kitchen building, kindergarten expansion, and reconfiguration of the existing general-use parking lot and proposed staff parking lot. Any removed trees would be replaced at a 1:1 ratio at appropriate locations across the Project Site. Trees would be replaced along the perimeter of the Project Site, along with interspersed landscaping between buildings. In addition, a bio-retention basin would be constructed east of the existing soccer field.

2.3.5 Operational Changes

With implementation of the Proposed Project, maximum student capacity would be increased from 395 students by 359 students to a new maximum capacity of 754 students. Based on historical enrollment at the Project Site, enrollment is expected to increase by approximately 359 students under the Proposed Project. The number of staff members would vary depending on actual enrollment could increase up to 50 total employees (up from 25). The number of buses transporting students to the Project Site could increase from one bus to a maximum of five buses, depending on actual enrollment, which varies year to year.

2.4 Construction Process and Timeline

Construction would involve demolition, site clearing, grading and excavation up to 2 feet below grade for building foundations extending five feet beyond the footprint of the proposed new building, installation of improvements and structural development, and site cleanup. Construction is anticipated to begin in the summer of 2020 and would continue over approximately 30 months, as detailed in **Table 1**.

TABLE 1
CONSTRUCTION PHASING

Phase	Approximate Timeline	Description
Phase 1	June 2020 to July 2021	Construct the new classroom building, new locker room building, and associated site work
Phase 2	July 2021 to July 2022	Construct the new administration building, kindergarten expansion, modernization of existing buildings, site work and reconfiguration of parking
Phase 3	July 2022 to December 2022	Demolish existing portables, remove interim classrooms, and construct the new staff parking lot.

SOURCE: District, 2019

Construction is expected to occur between 7:00 a.m. and 7:00 p.m., Monday through Friday (sometimes Saturday), and would comply with the City of San Diego Municipal Code limits regarding construction activity (Municipal Code Section 59.5.0404). No nighttime construction would occur. Construction would overlap with active school hours. All construction and work areas would be clearly demarcated and student access would be prohibited, consistent with construction efforts on other District facilities. All construction equipment staging would be located on-site, in areas that would not disturb existing school uses. Construction of the Proposed Project is not expected to require lane closures and is not anticipated to interfere, even temporarily, with emergency access.

2.5 Discretionary Approvals Required

2.5.1 Lead Agency

In conformance with CEQA Guideline Sections 15050 and 15367, the District is the Lead Agency, which is defined as the "public agency, which has the principal responsibility for carrying out or approving a project." There are no responsible or trustee agencies. The California Division of State Architects (DSA) is a reviewing agency that reviews the project design for compliance with the California Code of Regulations, Title 24.

2.5.2 Permits and Other Approvals

Actions and approvals that may be required from other agencies for the Proposed Project include:

- DSA – General Construction Permit and compliance with California Code of Regulations Title 24
- San Diego Regional Water Quality Control Board– National Pollutant Discharge Elimination System (NPDES) and Stormwater Pollution Prevention Plan (SWPPP)

References

City of San Diego. 2010. City of San Diego General Plan Land Use Element. Available at https://www.sandiego.gov/planning/genplan.

City of San Diego. 2018. San Diego Municipal Code, Chapter 13, Article 1, Division 4, Residential Base Zones. Available at http://docs.sandiego.gov/municode/MuniCodeChapter13/Ch13Art01Division04.pdf.

District. 2018. San Diego Unified School District Active Enrollment Numbers 2018-2019. September.

District. 2019. John Muir Language Academy PrimeTime Hours. Available at https://www.sandiegounified.org/schools/john-muir/primetime. Accessed April 15, 2019.

CHAPTER 3
Environmental Checklist

1. Project Title:	Muir at Anderson School Whole Site Modernization Project
2. Lead Agency Name and Address:	San Diego Unified School District Facilities Planning & Construction 4860 Ruffner Street San Diego, CA 92111
3. Contact Person and Phone Number:	Paul Garcia, CEQA Environmental Coordinator, San Diego Unified School District (858) 637-6290
4. Project Location:	Muir at Anderson School 4431 Mt. Herbert Ave San Diego, CA 92111
5. Project Sponsor's Name and Address:	San Diego Unified School District Facilities Planning & Construction 4860 Ruffner Street San Diego, CA 92111
6. General Plan Designation(s):	Institutional & Public and Semi-Public Facilities
7. Zoning:	RS-1-7, Residential – Single Unit
8. Description of Project:	School improvements (see Chapter 2, Project Description)
9. Surrounding Land Uses and Setting:	North: Single-family residential South: Single-family residential East: Mt. Etna Neighborhood Park, Tecolote Canyon Natural West: Single-family residential
10. Other public agencies whose approval is required:	Office of the Division of State Architect
11. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resource Code Section 21080.3.1:	Jamul Indian Village requested AB 52 consultation, and consultation was initiated by the District on October 25, 2018.

Environmental Factors Potentially Affected

The following checklist is used to evaluate the potential for significant environmental impacts caused by the Proposed Project. All responses must consider the project in its entirety and any actions involved (i.e., offsite as well as onsite impacts, cumulative as well as project-level impacts, indirect as well as direct impacts, and construction as well as operational impacts).

This checklist is adapted from the form provided in Appendix G of the State CEQA Guidelines (which was updated by the California Resource Agency in December 2018 for implementation in 2019). The checklist is modified as appropriate for this project. There are 21 CEQA subject categories to be considered, with this checklist organized as such. Each subject discussion includes an evaluation matrix, followed by a brief discussion explaining the evaluation rationale. As appropriate, each subject discussion may address more than one specific issue question if there is a salient interrelation.

The 21 CEQA subject categories—or environmental factors—that must be considered are presented below. Each category is scored according to the potential level of impact significance the Proposed Project may have on the environment. The levels of significance are indicated and described below.

3= Potentially Significant: There is substantial evidence than an effect is significant.

2= Less than Significant with Mitigation: Applies in situations where a "potentially significant" impact can be reduced to a "less than significant" level with the incorporation of adequate and feasible mitigation measure(s).

1 = Less than Significant: This is an effect that is discernible but would not cause a lasting significant impact.

0 = No Impact: This is an adequate determination if the referenced information sources show that the impact simply does not apply to projects like the one involved.

1	Aesthetics	0	Agriculture and Forestry Resources	2	Air Quality
2	Biological Resources	2	Cultural Resources	1	Energy
2	Geology/Soils	1	Greenhouse Gas Emissions	1	Hazards and Hazardous Materials
1	Hydrology/ Water Quality	0	Land Use/ Planning	0	Mineral Resources
2	Noise	1	Population/Housing	1	Public Services
1	Recreation	1	Transportation	2	Tribal Cultural Resources
1	Utilities and Service Systems	1	Wildfire	2	Mandatory Findings of Significance

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial study:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.



April 23, 2019

Signature Date

Signature Date

Environmental Checklist

Aesthetics

Issues (and Supporting Information Sources):		*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
1.	**AESTHETICS — Except as provided in Public Resources Code Section 21099, would the project:**				
a)	Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒
b)	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c)	Substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☒	☐
d)	Create a new source of substantial light or glare which would adversely affect daytime or nighttime views in the area?	☐	☐	☒	☐

Discussion

a) **No Impact.** The Project Site is within an urbanized area on an existing school site. Surrounding land use is dominated by residential development consisting primarily of single-family homes. The Project Site does not feature scenic views or contain other scenic resources, such as mountains, bays, rivers, or the ocean. The Project Site is not identified as a public vantage point (City of San Diego 2007). Views along Mt. Herbert would change due to the removal of the portable classrooms and construction of the proposed staff parking lot, locker building, and two-story classroom building behind the existing library. Views along Mt. Etna would change due to the addition of the one-story administration building and kitchen expansion, and reconfiguration of the general-use parking lot and bus loop. Views of the kindergarten expansion would largely be blocked by the existing kindergarten building. Construction of the Proposed Project would include the presence and use of heavy machinery including, but not limited to, large trucks, bulldozers, and a construction staging area. Construction activities associated with the Proposed Project are considered a temporary, short-term visual effect.

Although implementation of the Proposed Project would modify the existing views of the school and would change the visual characteristics of the Project Site, it would not substantially degrade the surrounding visual character or quality or have an adverse effect on a scenic vista. Therefore, no impacts would occur.

b) **No Impact.** Designated scenic highways within the County of San Diego include portions of State Route (SR-)75, SR-163, SR-125, and SR-78, and eligible state scenic highways include Interstate (I-) 5 and SR-52 (Caltrans 2018). The Project Site is more

than eight miles from SR-75, SR-125 and SR-78, and more than a mile from I-5, SR-52, and SR-163 and therefore would not be visible from these designated or eligible scenic highways. As stated in Issue 1 (a) above, the improvements would not degrade current views to and from the school. Therefore, there are no potential impacts related to scenic resources along a state scenic highway, and no impacts would occur.

c) **Less-than-Significant Impact.** The Project Site is located in an urbanized (suburban) area within an existing school campus. The existing visual character surrounding the Project Site is that of a typical residential neighborhood, with single-family residences surrounding the school to the north, west, and south, and Mt. Etna Neighborhood Park and Tecolote Canyon Natural Park to the east. The Project Site is currently developed as an operating school with single-story permanent and portable buildings, playground areas, a soccer field and archery range, and a parking lot, visible at differing degrees from Mt. Herbert Avenue and Mt. Etna Drive. While the Project Site itself is relatively level, the surrounding topography slopes downward to the east. Mt. Herbert Avenue to the west and is topographically higher than the Project Site, and therefore offer views of the campus. Public views addressed in this analysis include those from Mt. Herbert Avenue, Mt. Etna Drive, and Mt. Etna Neighborhood Park. Views from private residences adjacent to the Project Site, particularly those between Mt. Laudo, are not protected under CEQA and therefore are not further discussed.

All of the Proposed Project improvements would occur entirely within the developed campus footprint and would be partially to fully visible, depending on location. On the northern end of the Project Site, the existing general use parking lot and bus drop off loop, which are the prominent visual elements from Mt. Etna Drive, would be reconfigured and improved. The visually prominent existing landscaped buffer and stone/iron fencing would remain, fronting the general parking lot. The landscaped median at the existing bus drop off would be relocated, further set back from Mt. Etna Drive. A new single-story administration building, kitchen expansion, and kindergarten classroom expansion would partially visible from Mt. Etna Avenue. The design and scale of the modified parking and bus loop, as well as the new single-story building and other improvements would be consistent with the overall visual character of the school, and visual character and quality of public views would not be significantly impacted from Mt. Etna Drive.

On the southern end of the Project Site, the portable classrooms that are visible from Mt. Herbert Avenue would be replaced with a staff parking lot and dedicated vehicle drop off area. New ingress/egress would be provided at this southern part of the Project Site. A landscaped buffer that would be a visual focal point would be provided between Mt. Etna Drive and the new parking lot. A single-story locker room building and a two-story permanent classroom building would be constructed in the interior of the Project Site. Partial views of these new structures could be visible from certain locations; however, intervening school structures and mature trees would screen the buildings. The design and scale of new single- and two-story buildings would be consistent with the overall

visual character of the school, and visual character and quality of public views would not be significantly impacted from Mt. Herbert Avenue.

Other elements of the Proposed Project, including relocation of the archery field, improved playgrounds, improvements to existing buildings, and the bio-retention basin, are all small scale modifications that would not constitute a significant change in the visual quality from public views, including from the neighboring Mt. Etna Neighborhood Park.

The design and scale of the Proposed Project would be consistent with the overall visual character of the existing school, and therefore would contribute to a positive neighborhood character and relate to the community context. In addition, the Proposed Project would include landscaping improvements and shade trees to provide shade, aesthetic appeal, and provide screening to the two surface parking lots.

Overall, the visual character would be similar to the existing conditions, which is that of a school and school-related uses. Moreover, the Proposed Project would replace the existing aging school infrastructure with new improved structures, and therefore would aim to improve the visual quality of public views of the site. During construction, materials and equipment would be visible from Mt. Herbert Avenue and Mt. Etna Drive; however, construction would be temporary and would not substantially affect the existing visual character or visual quality. Therefore, impacts on the visual character or quality of public views of the site or surrounding area would be less than significant.

d) **Less-than-Significant Impact.** The Project Site is located adjacent to Mt. Etna Drive, Mt. Herbert Avenue, Mt. Laudo Drive, and the Mt. Etna Neighborhood Park, which contain residential vehicles and streetlights of a suburban neighborhood scale that emit light and glare during the day and night. In addition, the campus includes existing exterior security lighting. No lighting would be provided within the new staff parking lot. The Proposed Project would not generate substantially more light and glare compared to existing conditions. Construction activities would only occur during permitted daytime hours, and no nighttime construction would take place. After completion of construction, no substantial changes to sources of light are expected to occur at the site and its surroundings as a result of implementation of the Proposed Project. Furthermore, consistent with District Site Operations Circular No. 1053, all existing and proposed exterior lighting, including security lighting, would be turned off prior to 10 p.m. to avoid excessive energy consumption and to limit nighttime light spillover into adjacent residential areas. This would also be consistent with City of San Diego regulations for glare and lighting (Municipal Code Sections 142.0730 and 142.0740).

The proposed administration building, kitchen expansion, kindergarten expansion, locker building, and classroom building would be constructed using stucco and fiber cement siding, consistent with other materials on existing buildings, and would not constitute a substantial source of glare. Therefore, impacts associated with light and glare as they relate to daytime and/or nighttime views in the area would be less than significant.

References

California Department of Transportation (Caltrans). 2017. California Scenic Highway Mapping System: San Diego County. Available at http://www.dot.ca.gov/hq/LandArch/16_livability/scenic_highways/.

City of San Diego. 2007. General Plan Final PEIR. Available at https://www.sandiego.gov/planning/genplan/documents/peir.

City of San Diego. 2010. City of San Diego General Plan Land Use Element. Available at https://www.sandiego.gov/planning/genplan.

City of San Diego. 2018. San Diego Municipal Code, Chapter 13, Article 1, Division 4, Residential Base Zones. Available at http://docs.sandiego.gov/municode/MuniCodeChapter13/Ch13Art01Division04.pdf.

Agricultural and Forest Resources

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
2. AGRICULTURAL AND FOREST RESOURCES — In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. **Would the project:**				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

Discussion

a) **No Impact.** The Project Site is in an urbanized area on an existing school site. According to the California Department of Conservation's San Diego County Important Farmland map, the Project Site is classified as "Urban and Built-Up Land," which does not contain any agricultural uses or areas designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (California Department of Conservation 2016). Therefore, the Proposed Project would not convert farmland to a non-agricultural use and no impact would occur.

b) **No Impact.** As mentioned above in Issue 2 (a), the Project Site is fully developed in an urbanized area and does not contain any agricultural land (California Department of Conservation 2016). The Project Site is zoned as RS-1-7, which does not permit agricultural uses beyond limited community gardens (City of San Diego 2017). There are no Williamson Act contracts in the project vicinity (California Department of Conservation 2013). Therefore, the Proposed Project would not conflict with existing zoning for agricultural use or a Williamson Act contract and no impact would occur.

c) **No Impact.** As mentioned above in Issue 2 (a) and (b), the Project Site is in an urbanized area on an existing school site. The Proposed Project Site is zoned as RS-1-7, which does not include forest lands, timberlands, or timberland zoned Timberland Production (City of San Diego 2017). Therefore, the Proposed Project would not conflict with existing zoning for forest land and no impact would occur.

d) **No Impact.** As mentioned above in Issue 2 (c), the Project Site is fully developed and, according to the City of San Diego General Plan and Municipal Code, is not designated as forest land (City of San Diego 2015, City of San Diego 2017). Therefore, the Proposed Project would not result in the loss of forest land or conversion of forest land to non-forest use; therefore, no impact would occur.

e) **No Impact.** As mentioned above, construction and operation of the Proposed Project would have no impact on agriculture or forest resources. Additionally, there would be no need for land acquisitions to implement the Proposed Project. No other changes in the existing environment, which, due to their location and nature, would result in the conversion of farmland to non-agricultural use or conversion of forest land to non-forest use under the Proposed Project. Therefore, there would be no impact.

References

California Department of Conservation. 2016. San Diego County Important Farmland 2014. Available at ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2014/sdg14_w.pdf.

California Department of Conservation. 2013. San Diego County Williamson Act 2013/2014. Available at ftp://ftp.consrv.ca.gov/pub/dlrp/wa/San_Diego_w_13_14_WA.pdf.

City of San Diego. 2015. City of San Diego General Plan, Land Use and Community Planning Element. Available at https://www.sandiego.gov/sites/default/files/lu_2015.pdf.

City of San Diego. 2017. City of San Diego Municipal Code. Available at http://docs.sandiego.gov/municode/MuniCodeChapter13/Ch13Art01Division04.pdf.

Air Quality

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
3. AIR QUALITY — Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. **Would the project:**				
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☐	☒
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	☒	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☒	☐	☐
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

Discussion

a) **No Impact.** The Project Site is located in the San Diego Air Basin (SDAB), within the jurisdiction of the San Diego Air Pollution Control District (SDAPCD). SDAPCD is required, pursuant to the federal and state Clean Air Acts, to reduce emissions of criteria air pollutants currently in nonattainment of federal and state ambient air quality standards in the SDAB. The SDAB is currently classified as a federal nonattainment area for the 2008 8-hour ozone (O3) standard. Note, O3 is not directly emitted, but rather formed by the combination of O3 precursors of nitrogen oxides (NOx) and volatile organic compounds (VOC) emissions (e.g., vehicle tailpipe emissions) in the atmosphere in the presence of sunlight. The SDAB is currently classified as a federal attainment/maintenance area for both the federal 1997 8-hour O3 standard and the federal carbon monoxide (CO) standard. In addition, the SDAB is classified as a state nonattainment area for the California standards for O3, particulate matter less than 2.5 microns (PM2.5), and particulate matter less than 10 microns (PM10) (USEPA 2019, CARB 2018).

All areas designated as nonattainment are required to prepare plans showing how the area would meet the state and federal air quality standards by its attainment dates. The San Diego Regional Air Quality Strategy (RAQS) is the region's applicable air quality plan for improving air quality in the SDAB and attaining federal and state air quality standards. The RAQS relies on information from the California Air Resources Board (CARB) and the San Diego Association of Governments (SANDAG), including projected growth in the County, which is based in part on local general plans. Therefore, the Proposed Project needs to be consistent with the air quality standards outlined in the RAQS.

Pollutant emissions resulting from construction and operation of the Proposed Project would have the potential to affect implementation of the RAQS. Emissions from construction activities would be minimal, as shown under Issue 3 (b), below. Project construction would comply with SDAPCD Rules and Regulations, including Rules 50, 51, and 55, which forbid visible emissions, nuisance activities, and require fugitive dust control measures, respectively. The Project would not change land uses, however, it would increase the student population, which would increase in motor vehicle trips to the Project Site. While the capacity for students at the school would increase, which in turn would increase in emissions from the school due to the student increase (as analyzed in Issue 3 (b) below), the increase in student population would not be generated by an increase in area housing. As such, the Proposed Project would not conflict with or obstruct the implementation of the San Diego RAQS and there would be no impact.

b) **Less-than-Significant Impact.** Project construction and operation would generate air pollutant emissions that potentially could violate regional air quality standards, or potentially contribute to an existing or projected air quality violation. Project construction and operational emissions could result in a cumulatively considerable net increase of a criteria pollutant for which the Project region is in non-attainment under an applicable federal or state ambient air quality standard.

School facilities are currently operating on the Project Site, and residences are located within immediate proximity to the Project Site. These proximate residents and students are considered sensitive receptors. Project construction would generate diesel exhaust and fugitive dust, and potentially contribute to local exposure of the nearby sensitive receptors to substantial pollutant concentrations. In addition, operation of the Project would increase student capacity by an additional 359 students (from the existing capacity of 395 students for a total capacity of 754 students), and therefore, would increase the number of student vehicles and potentially school buses, thus, increasing exhaust emissions at the Project Site. While the emissions would be dependent on the actual enrollment and needs, the analysis is based on total capacity which provides a worst-case, conservative estimation of emissions. These emissions could contribute significantly to existing or projected air quality violations, either directly or cumulatively.

Construction emissions would vary from day-to-day over the approximately 30-month duration, depending on the specific type and level of construction activity, and, for fugitive dust, prevailing weather conditions. Project construction activities would include demolition, site preparation, grading, building construction, paving, landscaping, and finishing that would be occurring during and at each phase area location of the Project Site. Project construction would be short-term, and activities minimal, not involving substantial work during a single worst-case day for emissions (in pounds per day). Construction-related emissions were quantified using the California Emissions Estimator Model (CalEEMod), version 2016.3.2 for off-road emissions (construction equipment) and 2017 Emission Factors model (EMFAC2017) for on-road emissions (haul trucks, vendor trips and worker trips). Construction emissions were then compared to applicable SDAPCD thresholds for criteria pollutants. Calculations are included in Appendix A and **Table 2** below.

TABLE 2
MAXIMUM DAILY UNMITIGATED REGIONAL CONSTRUCTION EMISSIONS

	Estimated Emissions (lbs/day)[a]					
Source	**VOC**	**NOx**	**CO**	**SO_2**	**PM10**	**PM2.5**
Maximum Daily Emissions by Project Phase						
Phase 1	65	23	16	<1	8	4
Phase 2	40	20	15	<1	5	3
Phase 3	2	17	14	<1	5	3
Maximum Daily Emissions by Overlapping Construction Subphases [b]						
Phase 1 Overlap	69	31	30	<1	2	2
Phase 2 Overlap	43	23	24	<1	1	1
Maximum Daily Emissions by Year [c]						
2020	2	23	16	<1	8	4
2021	69	31	30	<1	5	3
2022	43	23	24	<1	5	3
Maximum Regional Construction Emissions	**69**	**31**	**30**	**<1**	**8**	**4**
SDAPCD Thresholds of Significance	75	250	550	250	100	55
Exceeds Thresholds?	No	No	No	No	No	No

[a] Totals may not add up exactly due to rounding in modeling calculations. Detailed emissions calculations are provided in Appendix A.
[b] As a worst case construction day it is assumed that building and construction activities will overlap with both paving and architectural activities during project Phase 1 and project Phase 2.
[c] Maximum emissions by year are the maximum daily emissions anticipated from construction activities during that year regardless of the project Phase or construction phase the emissions are associated with.

SOURCE: ESA 2019

As shown in Table 2, the Project's construction emissions would be below the applicable threshold levels. In addition, the Proposed Project is required to comply with SDAPCD rules and regulations, including Rules 50, 51, and 55, as described above in Issue 3 (a) to further reduce emissions. Therefore, construction impacts associated with the Proposed Project would be less than significant.

Operation of the Project's modernization improvements would generate long-term regional emissions of criteria air pollutants and ozone precursors associated with building operations, as well as area sources related to the applications of architectural coatings (i.e., periodic repainting) and consumer products (i.e., cleaning products). The Proposed Project would result in an increase in staff capacity of up to 50 staff members (increased from 25 existing staff) and would result in the increase of approximately 359 students beyond the existing 395 student capacity. Therefore, emissions associated with mobile sources (i.e. vehicle trips) would also increase. Operations-related emissions (area, energy sources, and mobile) were modeled using CalEEMod, and compared to applicable SDAPCD thresholds for criteria pollutants, as shown in **Table 3**. CalEEMod was updated

to incorporate EMFAC2017. As shown in Table 3, to determine the total net emissions from the Proposed Project, the total existing emissions from the existing sources to be removed (i.e. portable buildings) was subtracted from the total Project emissions from the new sources (i.e. new buildings [area sources and energy emissions] and vehicle trips [mobile emissions] from the increased student capacity).

TABLE 3
PROPOSED PROJECT OPERATIONAL EMISSIONS

	Estimated Emissions (lbs/day)[a]					
Emissions Source	**VOC**	**NOx**	**CO**	**SO_2**	**PM10**	**PM 2.5**
Existing[b]						
Area Sources	<1	0	0	0	0	0
Energy	<1	<1	<1	<1	<1	<1
Mobile	0	0	0	0	0	0
Total Existing Emissions	<1	<1	<1	<1	<1	<1
Project[c]						
Area Sources	1	0	0	0	0	0
Energy	<1	<1	<1	<1	0	0
Mobile	3	3	22	<1	5	1
Total Project Emissions	4	3	22	<1	5	1
Total Net Emissions[d]	**4**	**3**	**22**	<1	**5**	**1**
SDAPCD Significance Threshold	*75*	*250*	*550*	*250*	*100*	*55*
Exceed SDAPCD Threshold?	No	No	No	No	No	No

[a] Totals may not add up exactly due to rounding in modeling calculations. Detailed emissions calculations are provided in Appendix A.
[b] Existing emissions are emissions from sources to be removed (i.e. portable classrooms)
[c] Project emissions are emissions from new sources associated with the project (i.e. new buildings and students)
[d] Net emissions are the project emissions minus the existing emissions

SOURCE: ESA 2019

As shown in Table 3, the Project's operational emissions would be well below the applicable threshold levels. Therefore, operational impacts associated with the Proposed Project would be less than significant.

Project construction and operational activities would not result in a cumulatively considerable net increase of criteria pollutants in a non-attainment region. The Project Site is within the SDAB, which is classified as a nonattainment area for certain federally and state-designated criteria pollutants, including O_3, PM10, and PM2.5. As shown in Tables 2 and 3, Project construction and operation emissions of O_3 precursors of VOC and NOx, PM10, and PM2.5 would not exceed SDAQMD standards. Also, construction emissions would be temporary and localized, and the Proposed Project would comply with all required SDAPCD emissions and fugitive dust measures, which would ensure

that the cumulative contribution of criteria pollutants during Project construction would be less than significant.

As presented in Tables 2 and 3 for construction and operational emissions, respectively, the maximum daily emissions for the criteria pollutants would be below SDAPCD significance thresholds, which were developed in order that emissions in the air basin can meet or will maintain compliance with the State and federal ambient air quality standards. The standards were established at levels that provide public health protection and allow an adequate margin of safety, including protecting the health of sensitive populations such as asthmatics, children, and the elderly. As Project-related construction and operational emissions would not exceed any regulatory thresholds, off-site receptors would not be exposed emission levels in excess of the health-based ambient air quality standards. As such, construction and operation activities related to the implementation of the Proposed Project would not contribute to health effects related to these pollutants, and impacts would be less than significant.

c) **Less-than-Significant Impact with Mitigation Incorporated.** Project construction emissions could potentially expose sensitive air quality receptors to substantial pollutant concentrations. Sensitive air quality receptors are facilities and structures where people, particularly, children, the elderly, and those with respiratory illnesses (e.g., asthma), live or spend considerable amounts of time, such as retirement homes, residences, schools, playgrounds, childcare centers, and athletic facilities. The Project Site itself is an existing school facility, a sensitive receptor, with children when school is in session. The Proposed Project is located within a single-family residential neighborhood, and therefore, adjacent to residences. The nearest offsite receptors are the residences that are adjacent to the south side of Project Site boundary, and the residences across Mt. Etna Drive and Mt. Herbert Avenue, to the west and south of the site, respectively.

Project construction would occur in three phased areas of the Project Site over a total of approximately 30 months. For potential health risks, the construction duration is significantly lower than the 30-year exposure period typically associated with chronic cancer health risks. However, due to the revision in health risk methodology and the increased risk to young children, the Office of Environmental Health Hazards Association, recommends a health risk assessment (HRA) be conducted for any activities lasting more than two months or disturbing more than one acre (OEHHA, 2015). Accordingly, a quantitative construction HRA was conducted to determine the potential health risk to both onsite (school) and offsite (residential) receptors from exposure to diesel particulate matter (DPM) in the exhaust from the construction equipment operation.[1] **Table 4** summarizes the carcinogenic and non-carcinogenic risk for the

[1] The Project Site is also adjacent to a park, which would be seen as a sensitive receptor. However, because there are residential uses closer to the construction activities, and the analysis for residential receptors is more conservative than that for park uses (i.e. residential receptors are assumed to be exposed for the full duration of the construction activities where people using the park would only be exposed for an hour or two, one or two times per week), the park itself was not included in the modeling.

maximum impacted sensitive residential and onsite school receptors, both before and after mitigation. Detailed assumptions and methodology are included in Appendix A.

TABLE 4
INCREMENTAL INCREASE IN CARCINOGENIC RISK AND HAZARDOUS INDEX

Sensitive Receptor	Maximum Cancer Risk (# in one million) [a]	Chronic Risk Hazard Index (HI)[b]
Unmitigated Risk		
Residential	35.12	0.29
School	26.10	0.4
Maximum Individual Cancer Risk Threshold[c]	1	1
Exceeds Threshold?	**Yes**	No
Mitigated Risk		
Residential	0.77	0.01
School	0.70	0.01
Maximum Individual Cancer Risk Threshold[c]	10	1
Exceeds Threshold?	No	No

[a] Cancer risk values based on a 30-year exposure of maximum levels of DPM. Residential construction risk was calculated assuming a child was born at the beginning of the project construction and be exposed throughout project construction. School related construction risk assumes the school is closed during the summer and that the same children are present throughout the entire construction period when school is in session.

[b] Chronic risk HI values based on the annual maximum levels of DPM divided by the corresponding DPM reference exposure levels (RELs).

[c] See text below for explanation of thresholds

See Appendix A for additional details and modeling data.
SOURCE: ESA, 2019.

As shown in Table 4, the chronic health risk hazard index (HI) from the Proposed Project unmitigated construction risk is estimated at 0.29 for residences and 0.4 for students, which is below the significance threshold of a chronic risk HI of greater than 1. However, as shown in Table 4, the maximum incremental increase in cancer risk would be up to approximately 35-in-one-million for residences and 26-in-one-million for students, which would exceed the SDAPCD significance threshold of 1-in-one-million without the incorporation of toxics best available control technologies (T-BACTs). Therefore, unmitigated, the Proposed Project would have a potentially significant carcinogenic health risk, and thus, mitigation measures would be required. With incorporation of **Mitigation Measures AIR-1** and **AIR-2** (detailed below), carcinogenic risk would be reduced to 0.77 for residents and 0.7 for students which is below the 10-in-one-million regulatory threshold for projects that have incorporated T-BACTs.[2, 3] Therefore, with the

[2] Mitigation Measures AIR-1 and AIR-2 are considered T-BACTs for this project.

[3] SDAPCD Rule 1210 implements the public notification and risk reduction requirements of State law, and requires facilities with high potential health risk levels to reduce health risks below significant risk levels. Rule 1200 requires that projects that propose to increase cancer risk to between 1 and 10 in one million need to implement T-BACT or impose the most effective emission limitation, emission control device or control technique to reduce the cancer risk. At no time shall a project increase the cancer risk to over 10 in one million or a health hazard index (chronic and acute) greater than one. Projects creating cancer risks less than one in one million are not required to implement T-BACT technology.

incorporation of mitigation, health risk impacts from Project construction activities would be reduced to less than significant levels.

Once the Proposed Project is operational, toxic air contaminant emissions would not increase over existing conditions. As the Project modernization of an existing school site and does not change land uses, there would be no new significant sources of toxic air contaminants. Therefore, emissions would be minimal, and compliance with all SDAPCD rules would ensure that nearby sensitive receptors would not be exposed to substantial pollutant concentrations.

The implementation of the Proposed Project would expand student capacity, and therefore would result in an increase in peak hour traffic at local intersections. However, cumulative traffic at the studied intersections (future growth plus project) would increase peak hour traffic by at most 1,732 vehicles, which is below the SDAPCD's screening level of 2,000 trips or more. Therefore, impacts would be less than significant for operational impacts.

Mitigation Measures:

AIR-1: Equipment Emission Standards. The Proposed Project shall utilize off-road diesel-powered construction equipment that meet or exceed the CARB and USEPA Tier 4 off-road emissions standards for all equipment rated at 50 horsepower (hp) or greater during project construction. Such equipment shall be outfitted with Best Available Control Technology (BACT) devices including a CARB-certified Level 3 Diesel Particulate Filter or equivalent. A copy of each unit's certified tier specification or model year specification and CARB or SDAPCD operating permit (if applicable) shall be available upon request at the time of mobilization of each applicable unit of equipment.

AIR-2: Alternative Fuels. No generators shall be used during construction activities, instead electricity needed for the operation of construction equipment shall be from the existing site connections. Additionally, all welders associated with building construction activities shall be electric.

Significance Determination: Less than significant with mitigation.

d) **Less–than-Significant Impact.** Project-related odor emissions would be minimal and would not affect a substantial number of people. During construction activities, emissions from construction equipment may be evident in the immediate area on a temporary basis. Potential sources that may emit odors during construction activities include any architectural coating and asphalt paving. Additionally, material deliveries and hauling heavy-duty truck trips could create an occasional "whiff" of diesel exhaust for nearby receptors. These odors would not affect a substantial number of people because the scale of construction would be small. Standard operation of the school would not produce objectionable odors, and there would be no permanent impacts. Therefore, the Proposed Project would not result in other emissions (such as those leading to odors) adversely affecting a substantial number of people, and impacts would be less than significant.

References

California Air Resources Board (CARB). 2018. *Area Designations Maps/State and National*. Available: https://www.arb.ca.gov/desig/adm/adm.htm. Accessed March, 2019.

Office of Environmental Health Hazard Assessment (OEHHA). 2015. Air Toxics Hot Spots Program Risk Assessment Guidelines - Guidance Manual for Preparation of Health Risk Assessments, February 2015. Available online at: https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf.

U.S. Environmental Protection Agency (USEPA). 2019. *Criteria Pollutant Nonattainment Summary Report.* Available: https://www3.epa.gov/airquality/greenbook/ancl3.html Accessed March 2019.

Biological Resources

Issues (and Supporting Information Sources):		*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
4.	**BIOLOGICAL RESOURCES — Would the project:**				
a)	Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
b)	Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☒	☐
c)	Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
d)	Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☒
e)	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒
f)	Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

Discussion

An ESA biologist conducted a reconnaissance-level biological survey of the Project Site on October 24, 2018. The survey included vegetation mapping, a habitat suitability assessment for special-status species, and an assessment for potential jurisdictional wetlands and waters. A complete plant and wildlife compendium list of species found within a 500-foot buffer of the Project Site is provided in Appendix B. In addition, Appendix B includes a list of potentially occurring special-status species compiled by querying the California Natural Diversity Database (CNDDB 2018) for species occurrence records within 5-miles of the Project Site.

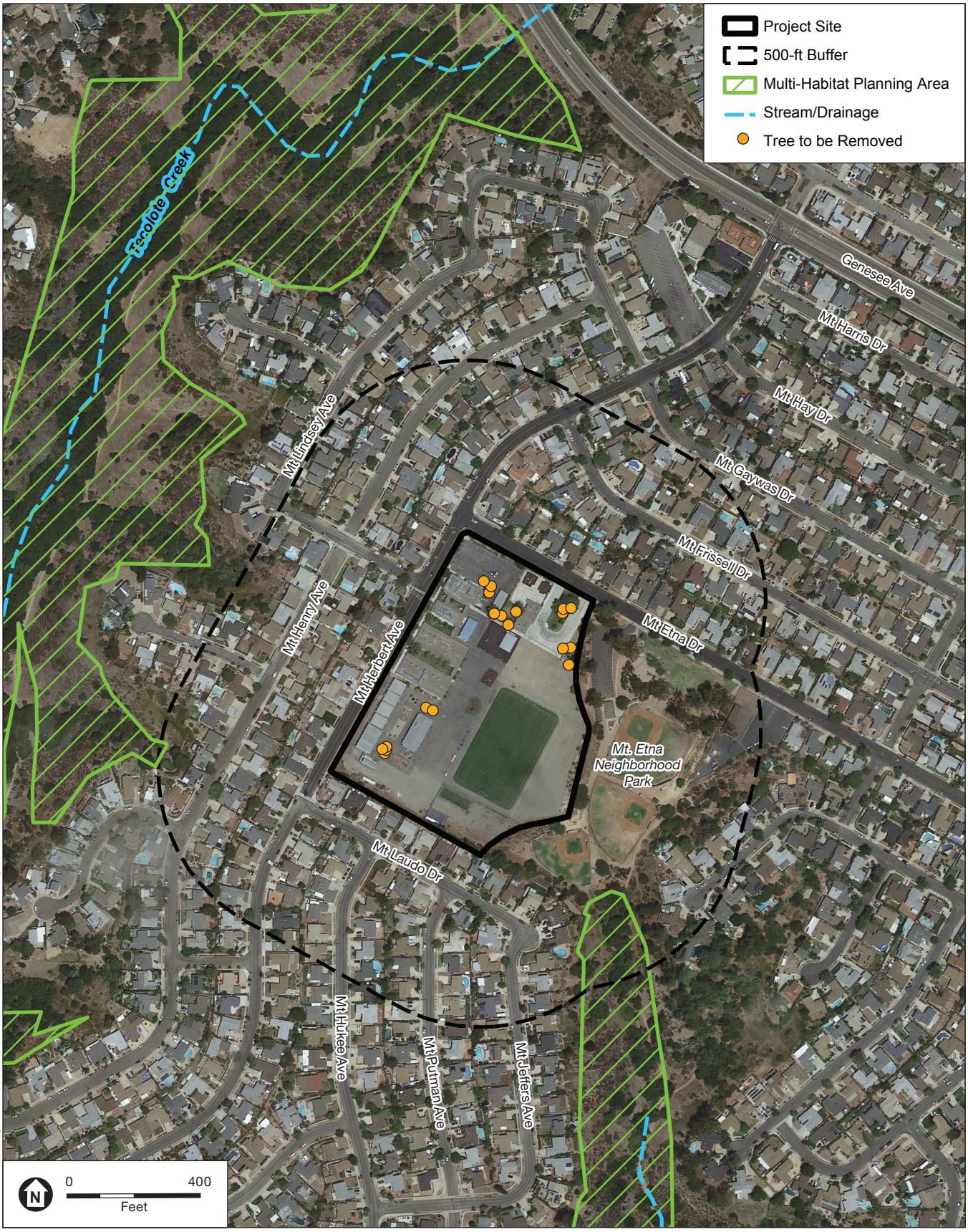
a) **Less-than-Significant Impact with Mitigation Incorporated.** The Project Site is developed as an operating kindergarten through eighth grade school and is either paved or graded and actively used. Some ornamental landscaping is present on the Project Site, including along the periphery of the Project Site near the existing parking lot and administration building, and in courtyards between classrooms. Just outside the 500-foot buffer to the west of the Project Site is Tecolote Canyon and Tecolote Creek. A portion of Tecolote Canyon is located within the 500-foot buffer at the southern end of the Project Site. These canyon areas could provide habitat for sensitive species such as the

monarch butterfly (*Danaus plexippus*), Cooper's hawks (*Accipiter cooperii*), and the coastal California gnatcatcher (*Polioptila californica*).

All Project activities would be located within the existing developed Project Site. No habitat modifications or otherwise indirect impacts would occur to the habitat within Tecolote Canyon. Implementation of the Proposed Project would include the removal of an estimated 19 trees at various locations throughout the Project Site, as shown in **Figure 5**, to allow for the development of the proposed buildings and reconfigured parking lots. As part of the Project, trees would be replaced at a minimum 1:1 ratio throughout the Project Site, along with additional interspersed landscaping between buildings. Ornamental vegetation including trees occurring on site could provide suitable nesting habitat for migratory birds and urban-adapted raptors protected under the Federal Migratory Bird Treaty Act (MBTA) and Sections 3503 and 3503.5 of the California Fish and Game Code, which prohibit the take or destruction of migratory birds/raptors, their nests, and/or eggs. Construction is anticipated to commence in the summer of 2020 and take approximately 30 months. Therefore, construction is expected to overlap the avian breeding season (generally February 1 through September 15) and could result in direct and indirect impacts to nesting raptors and migratory birds. Removal of trees and vegetation during the breeding season could result in direct impacts to nesting raptors and migratory birds if nests are present at the time of removal. These direct impacts could include injury or mortality of young (eggs and hatchlings) that cannot escape from the nest during tree or vegetation removal. Indirect impacts to raptors and migratory birds nesting in trees and vegetation within and surrounding the Project Site could result from construction noise and vibration. Construction noise and vibration could negatively affect a bird's breeding and foraging behavior in a manner that causes nest abandonment. These potential direct and indirect impacts would be significant given that impacts to nesting birds could result in a violation of the MBTA and Sections 3503 and 3503.5 of the California Fish and Game Code. However, with implementation of **Mitigation Measure BIO-1** (detailed below), potential impacts to nesting raptors and migratory birds would be less than significant. After completion of construction, suitable tree-nesting habitat would be replaced on the Project Site and school activities would continue similar to existing conditions and no impacts to habitats or sensitive species would occur.

Mitigation Measures:

BIO-1: Migratory Birds. To the extent feasible, tree and vegetation removal shall take place outside of the general avian breeding season (February 1 through September 15) and other construction activities shall be initiated outside of the general avian breeding season. If avoidance is not feasible, the following measures shall be followed:



D1605370.00 - San Diego Unified School District On-Call CEQA Services\03 Working Documents\D1605370.10 - Muir School\05 Graphics-GIS-Modeling\Illustrator

SOURCE: ESA, 2019; Base Map Google Earth, 2019

Muir at Anderson School

Figure 5
Project Area Biological Resources

ESA

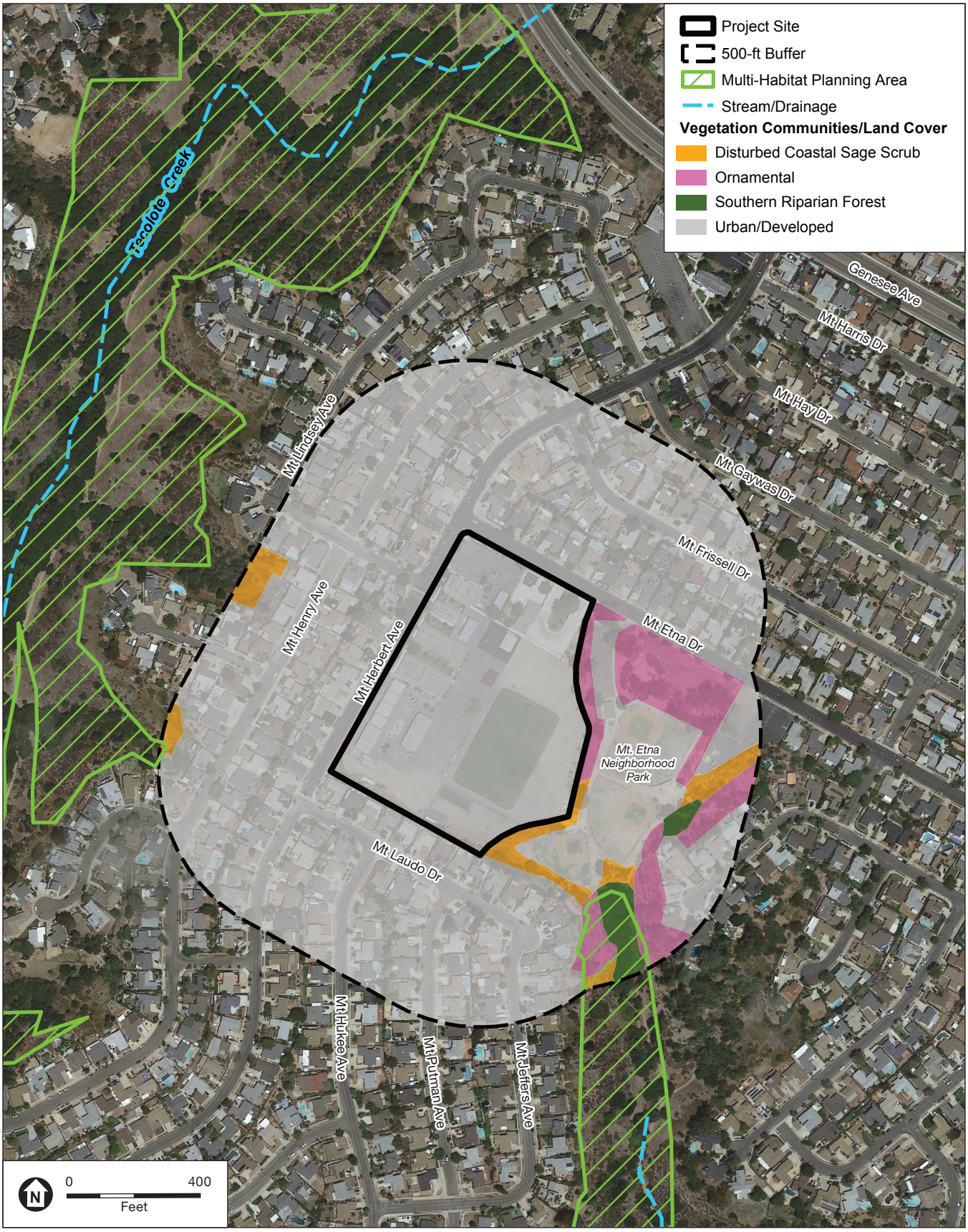
a. If tree or vegetation removal must occur during the avian breeding season, a nesting bird survey of trees and vegetation planned for removal shall be conducted by a qualified avian biologist no more than 1 week prior to commencement of tree and vegetation removal activities. "A qualified avian biologist" refers to a person with the ability to identify birds present in San Diego County to the species level by sight or sound and who is familiar with the breeding and nesting behaviors of native bird species. If active nests with eggs or chicks of bird species protected under the MBTA are detected within trees or vegetation planned for removal, the trees will remain in place until it has been determined by the avian biologist that the nest is no longer active.

b. If construction activities are initiated during the avian breeding season, a nesting bird survey shall be conducted by a qualified avian biologist within the project area and within 300 feet of construction activities. If active nests are detected within the project area or within 300 feet of physical construction activities, an appropriate buffer shall be determined by the avian biologist and no work shall take place within the buffer until it is determined that the nest is no longer active. Additional visits after the initial survey shall be conducted as necessary to determine that nests are no longer active.

Significance Determination: Less than significant with mitigation.

b) **Less-than-Significant Impact.** The Project Site is completely developed as an operating school, and all areas on the campus are either paved or graded and actively used. As such, there is no sensitive riparian habitat or other identified natural community on the Project Site. The Project Site is considered urban/developed, as shown on **Figure 6**. While there is native vegetation in proximity to the Project Site, including within the Tecolote Canyon Natural Park, a chain link fence is situated between the Project Site and native vegetation communities. Additionally, all Project-related activities would occur within the limits of the Project Site, and not within these sensitive natural communities. Therefore, implementation of the Proposed Project would result in no direct impacts to riparian habitat or other sensitive natural communities and habitats.

Indirect impacts related to the Proposed Project include potential impacts from dust and erosion on disturbed coastal sage scrub adjacent to the work area on the southeastern boundary of the Project Site. Project components to be developed in this area include the relocated archery range, the relocated garden, and a bio-retention basin. However, in the areas adjacent to the Project Site, this community consists of native shrubs interspersed with an herbaceous layer comprised of invasive weed species. Because coastal sage scrub is not known to be highly vulnerable to the effects of dust and erosion, and the herbaceous understory of this community is already disturbed and comprised of invasive weed species, these potential indirect impacts from dust and erosion are not expected to result in the loss or significant alteration of this natural community. Therefore, impacts would be less than significant.



SOURCE: ESA, 2019; Base Map Google Earth, 2019

Muir at Anderson School

Figure 6
Vegetation Communities

ESA

c) **No Impact.** No state or federally protected wetlands are present within or adjacent to the Project Site, as shown in Figure 6. The Proposed Project would occur entirely within the existing developed school campus. Therefore, the Proposed Project would not affect any state or federally protected wetlands, either directly or indirectly. Therefore, no impact would occur.

d) **No Impact.** The Project Site is located in an urban and developed area surrounded by residential development. The Project Site is completely developed as an operating school and is either paved or graded and actively used. The Project Site and surrounding area do not contain any streams or bodies of water that may be inhabited by any native resident or migratory fish species. Because the Proposed Project would occur on an existing developed school campus, the Project Site is not considered a migratory wildlife corridor. Therefore, the Proposed Project would not result in the interference of the movement of any native or migratory species, wildlife corridors, or the use of native wildlife nursery sites. Thus, no impact would occur.

e) **No Impact.** The Proposed Project would be in compliance with the City's General Plan, Municipal Code, and Clairemont Mesa Community Plan which have policies that protect biological resources; however, there are no local policies or ordinances specific to the protection of trees. Therefore, the Proposed Project would not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance. Thus, no impact would occur.

f) **No Impact.** The Project Site is fully developed in an urban area. In the City of San Diego, local habitat, species, and biological resources are protected under the City's Multiple Species Conservation Program (MSCP). To implement the MSCP, the City developed Multi-Habitat Planning Areas (MHPA). While the nearest MHPA is Tecolote Canyon Natural Park, as shown in Figure 5, the Project Site itself is located outside of the MSCP MHPA boundaries (City of San Diego 2012). Therefore, the Proposed Project would not conflict with applicable conservation plans, and no impact would occur.

References

City of San Diego. 2012. General Plan Conservation Element. Available at https://www.sandiego.gov/sites/default/files/legacy//planning/genplan/pdf/2012/ce120100.pdf.

Fish and Wildlife Service. 2018. National Wetlands Inventory. Available at https://www.fws.gov/wetlands/data/mapper.html.

Cultural Resources

Issues (and Supporting Information Sources):		*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
5.	**CULTURAL RESOURCES — Would the project:**				
a)	Cause a substantial adverse change in the significance of a historical resource pursuant to in §15064.5?	☐	☐	☒	☐
b)	Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☒	☐	☐
c)	Disturb any human remains, including those interred outside of formal cemeteries?	☐	☐	☒	☐

Discussion

The information in this section is based on a records search conducted at the South Coast Information Center (SCIC) and the *Muir at Anderson School Whole Site Modernization Project Historic Resources Assessment*, located in Appendix C.

a) **Less-Than-Significant Impact.** The SCIC records search indicates that nine previous cultural resources investigations have been conducted within 0.5 mile of the Project Site; none of the previous studies included the Project Site. The SCIC records search results also indicate that no cultural resources have been previously recorded within the Project site. The entirety of the Project Site is paved, graded, or landscaped. As such, given the lack of visible, native ground surface a cultural resources survey of the Project Site was not conducted.

As detailed in the Muir at Anderson Historic Resource Assessment (Appendix C), ESA evaluated the Project Site for potential eligibility for listing in the National Register of Historic Places (National Register) and California Register of Historical Resources (California Register) as a historic district. As a result of ESA's research and survey investigations, Muir at Anderson School is recommended as ineligible as either a National Register or California Register historic district. The campus is a late addition to the Clairemont Mesa neighborhood that lacks association with a distinct event or personages that might qualify the property as a historical resource. Additionally, the facility's design fails to embody the significance of a type, period or method of construction that would warrant a determination of eligibility. Lastly, none of the buildings on campus appear to rise to the threshold of individual distinction to be individually eligible for the National Register or California Register on their own historical or architectural merits. Therefore, the Project Site does not qualify as a historical resource pursuant to CEQA and no further consideration is required. The Project would not cause a substantial adverse change in the significance of a known historical resource, and impacts would be less than significant.

b) **Less-Than-Significant Impact with Mitigation Incorporated.** Although no archaeological resources were identified as a result of the SCIC records search, the Project includes ground disturbing activities associated with demolition, site clearing, grading, and excavation. While most of the Project Site has been impacted by previous construction, proposed activities may impact previously undisturbed ground. These actions have the potential to encounter previously unidentified, buried archaeological deposits. As such, implementation of the Proposed Project could cause a substantial adverse change in the significance of an archaeological resource, if resources are found during construction. With the incorporation of **Mitigation Measures CUL-1** through **CUL-3**, impacts to archaeological resources would be reduced to a less than significant level.

Mitigation Measures:

CUL-1: Retention of Qualified Archaeologist. Prior to the start of any ground disturbing activities, a qualified archaeologist, defined as an archaeologist meeting the Secretary of the Interior's Standards for professional archaeology (U.S. Department of the Interior 2008) shall be retained by District to carry out all mitigation measures related to cultural resources.

CUL-2: Cultural Resources Sensitivity Training. Prior to start of any ground-disturbing activities, the qualified archaeologist shall conduct cultural resources sensitivity training for all construction personnel associated with the Project. Construction personnel shall be informed of the types of cultural resources that may be encountered during construction, and of the proper procedures to be enacted in the event of an inadvertent discovery of archaeological resources or human remains. District shall ensure that construction personnel are made available for and attend the training and retain documentation demonstrating attendance.

CUL-3: Unanticipated Discoveries. In the event of the unanticipated discovery of non-prehistoric archaeological materials, all work shall immediately cease in the area (within approximately 100 feet) of the discovery until it can be evaluated by the qualified archaeologist. Construction shall not resume until the qualified archaeologist has conferred with District, and if necessary, the appropriate Native American representatives for prehistoric resources, on the significance of the resource.

If it is determined that the discovered archaeological resource constitutes a historical resource or a unique archaeological resource under CEQA, avoidance and preservation in place is the preferred manner of mitigation. Preservation in place may be accomplished by, but is not limited to, avoidance, incorporating the resource into open space, capping, or deeding the site into a permanent conservation easement. In the event that preservation in place is demonstrated to be infeasible and data recovery through excavation is the only feasible mitigation available, an Archaeological Resources Treatment Plan shall be prepared and implemented by the qualified archaeologist in consultation with District that provides for the adequate recovery of the scientifically consequential information

contained in the archaeological resource. The qualified archaeologist and District shall consult with appropriate Native American representatives in determining treatment for prehistoric or Native American resources to ensure cultural values ascribed to the resource, beyond those that are scientifically important, are considered.

Significance Determination: Less than significant with mitigation.

c) **Less-than-Significant Impact.** No known human remains exist within the Project Site. However, the Project involves ground disturbance that, while unlikely, has the potential to encounter buried human remains. Should Project-related ground disturbance unearth, expose, or disturb previously unknown human remains, the statutes of PRC Section 5097.98 and Health and Safety Code Section 7050.5 should be followed. Accordingly, the San Diego County Coroner must be notified in the event human remains are encountered. If the County Coroner determines that the remains are Native American, the California Native American Heritage Commission (NAHC) would be notified in accordance with Health and Safety Code Section 7050.5, subdivision (c), and PRC Section 5097.98 (as amended by Assembly Bill 2641). The NAHC would designate a Most Likely Descendent for the remains per PRC Section 5097.98. As the Project contractor would be required to comply with applicable Health and Safety Codes, impacts to human remains would be less than significant.

References

Environmental Science Associates (ESA). 2019. *Muir at Anderson Whole School Site Modernization – Historic Resources Assessment*. Prepared for the San Diego Unified School District. April 2019.

Energy

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
6. ENERGY — Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☒	☐
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐

Discussion

a) **Less-Than-Significant Impact.** This section analyzes impacts on energy resources due to construction and operation of the Project. Appendix F of the CEQA Guidelines provides guidance for assessing energy impacts of projects and three goals: decreasing overall per capita energy consumption, decreasing reliance on natural gas and oil, and increasing reliance on renewable energy sources. The Proposed Project would consume energy during construction activities primarily from on- and off-road vehicle fuel consumption in the form of diesel, gasoline, and electricity from water conveyance for dust control. The analysis below includes the Project's energy requirements and energy use efficiencies by energy type for each stage of the Project (construction and operations). Project operations would consume energy in the form of electricity for lighting and water conveyance, natural gas for heating/cooling, and fossil fuels for employee, student, and visitor trips.

Construction

The Proposed Project would consume energy during construction activities, primarily from on- and off-road vehicle fuel consumption in the form of diesel, gasoline, and electricity from water conveyance for dust control. The analysis below includes the Project's energy requirements and energy use efficiencies by energy type for each stage of the Project.

The estimated fuel usage for off-road equipment is based on the number and type of equipment that would be used during construction activities, hour usage estimates, the total duration of construction activities, and hourly equipment fuel consumption factors from the CARB OFFROAD model, which was used in the Project's air quality analysis. On-road vehicles would include vendor trucks to deliver supplies necessary for Project construction, and fuel used for employee commute trips. Electricity used from water conveyance for dust control was calculated using assumptions for gallons used per acre per day and CalEEMod water conveyance intensity factors were applied to calculate total construction electricity consumption. Construction activities typically do not involve the consumption of natural gas. **Table 5** summarizes the project's total fuel and electricity consumption from construction activities.

TABLE 5
SUMMARY OF ENERGY CONSUMPTION DURING PROJECT CONSTRUCTION

Fuel Type	Annual Average Quantity	Total Quantity
Gasoline	**Gallons**	**Gallons**
On-Road Construction Equipment	2,096	5,241
Off-Road Construction Equipment	0	0
Total Gasoline	2,096	5,241
Diesel	**Gallons**	**Gallons**
On-Road Construction Equipment	1,932	4,830
Off-Road Construction Equipment	24,173	60,433
Total Diesel	26,105	65,263
Electricity	**kWh**	**kWh**
Water Conveyance for Dust Control	57,466	143,664
Project Length	2.5 years	

SOURCE: ESA, 2019

The energy use summary provided above in Table 5 represents the amount of energy that could potentially be consumed during Project construction based on a conservative set of assumptions, provided in Appendix D. As shown, on- and off-road vehicles would consume an annual estimated average of 2,096 gallons of gasoline, approximately 26,105 gallons of diesel fuel, and approximately 57,466 kWh of electricity throughout the Project's construction. For comparative purposes, the fuel usage during Project construction would represent approximately 0.0002 percent of the 2017 annual on-road gasoline-related energy consumption and 0.01 percent of the 2017 annual diesel fuel-related energy consumption in San Diego County. Electricity would represent approximately 0.0004 percent of San Diego Gas and Electric's (SDG&E) total electricity sales for 2018. Detailed calculations are shown in Appendix D.

The Project construction contractors would comply with applicable CARB regulations governing the accelerated retrofitting, repowering, or replacement of heavy duty diesel on- and off-road equipment. CARB adopted an Airborne Toxic Control Measure to limit heavy-duty diesel motor vehicle idling time in order to reduce public exposure to diesel particulate matter and other toxic air contaminants. CARB approved the Truck and Bus regulation to reduce NO_X, PM10, and PM2.5 emissions from existing diesel vehicles operating in California. In addition to limiting exhaust from idling trucks, CARB recently promulgated emission standards for off-road diesel construction equipment of greater than 25 horsepower to reduce emissions by requiring the installation of diesel soot filters and encouraging the retirement, replacement, or repower of older, dirtier engines with newer emission-controlled models.

While intended to reduce construction criteria pollutant emissions, compliance with the above anti-idling and emissions regulations would also result in efficient use of construction-related energy and the minimization or elimination of wasteful and unnecessary consumption of energy. According to the CARB staff report that was prepared at the time the anti-idling ATCM was being proposed for adoption in late 2004/early 2005, the regulation was estimated to reduce non-essential idling and associated emissions of diesel particulate matter and NO_X emissions by 64 and 78 percent respectively in analysis year 2009.

These reductions in emissions are directly attributable to overall reduced idling times and fuel combustion as a result of compliance with the regulation. Project compliance with CARB regulations would result in energy savings of approximately 332 gallons of diesel fuel saved per year, assuming a fuel reduction equivalent to the percent reduction of diesel particulate matter or NO_X as estimated by CARB for 2009 (the lesser value, i.e., 64 percent, is used as a conservative assumption). Heavy-duty engines continue to become more efficient and reduction amounts may lessen in the future due to this. Although the energy savings cannot be precisely quantified, the Project would still reduce consumption of diesel fuel under the anti-idling measure. Construction electricity use would be temporary, sporadic, and would cease upon completion of the Project. Electricity for water conveyance would only be used when necessary to prevent fugitive dust and would decrease after completion of excavation and paving phases when the site is paved and has less dust to control. Thus, construction of the Project would use energy necessary to build the Project, but would not result in the wasteful, inefficient, and unnecessary use of energy, and impacts would be less than significant.

Operations

During operation of the Project, energy would be consumed for multiple purposes, including, but not limited to, heating/ventilating/air conditioning (HVAC); refrigeration; lighting; and the use of electronics, equipment, and appliances for the new and expanded buildings. Energy would also be consumed during Project operations related to water usage. Fossil fuel consumption from operations would mainly come from employees, students, and visitor trips. The energy produced by the existing campus uses was subtracted from the energy use for the campus expansion to reach the net new energy use under the Project. Electricity and natural gas were calculated using CalEEMod emission factors while fuel consumption used EMFAC2017 emission factors and total VMT taken from CalEEMod emissions modeling for the Project. **Table 6**, below, summarizes the Project's operational energy sources in comparison to SDG&E and San Diego County's transportation fuel use.

TABLE 6
PROJECT OPERATIONAL ENERGY USAGE AND REGIONAL ENERGY SUPPLY

Source	Natural Gas Per Year (million kBtu)[a]	Electricity Per Year (GWh)[b]	Gasoline (gallons)	Diesel (gallons)
SDG&E (2018)	81,707	15,635	—	—
San Diego County Fuel Use (2017)[c]	—	—	1,377,000,000	210,200,000
Existing[d]				
Building Energy	0.05	0.04	—	—
Water Heating and Conveyance	—	0.001	—	—
Total	**0.05**	**0.04**	—	—
Proposed Project[d]				
Building Electricity	0.14	0.16	—	—
Water Heating and Conveyance	—	0.01	—	—
Transportation Energy	—	—	55,979	6,055
Total	**0.14**	**0.17**	**55,979**	**6,055**
Net Total (Project – Existing)	**0.09**	**0.13**	—	—
Percent of SDG&E/San Diego Count	0.0001%	0.001%	0.004%	0.003%

NOTES:
[a] San Diego Gas and Electric, 2018 Energy Data, 2018. Available at: https://energydata.sdge.com/ Accessed February 2019
[b] San Diego Gas and Electric, 2018 Energy Data, 2018. Available at: https://energydata.sdge.com/ Accessed February 2019
[c] California Energy Commission (CEC), California Annual Retail Fuel Outlet Report, 2017.
[d] Project electricity and natural gas was calculated using CalEEMod outputs

SOURCE: ESA, 2019.

The Project would increase demand for electricity including what is needed to support building operations. As shown in Table 6, the Project would result in a projected net total consumption of electricity of approximately 0.13 GWh per year and represent 0.001 percent of SDG&E's total sales in 2018.

The Project would increase the demand for natural gas resources. The Project's estimated operational natural gas demand is provided in Table 6. As shown in Table 6, the Project is projected to generate an annual net total demand for natural gas of approximately 0.09 million therms and represent 0.0001 percent of SDG&E's total sales in 2018. As would be the case with electricity, the Project would comply with the applicable provisions of Title 24 and the CALGreen Code in effect at the time of building permit issuance to minimize natural gas demand. As such, the Project would minimize energy demand. Therefore, with the incorporation of these features, operation of the Project would not result in the wasteful, inefficient, and unnecessary consumption of natural gas and impacts would be less than significant.

The Project would increase the demand for fuel resources. The Project's estimated operational gasoline and diesel fuel use is provided in Table 6. As shown in Table 6, the Project is projected to generate an annual demand for gasoline totaling approximately 55,979 gallons per year and generate annual demand for diesel totaling approximately 6,055 gallons. The fuel consumption generated by the Project represents 0.004% of the County's total gasoline use and 0.003% of the County's diesel use in 2018. As discussed below in Section 17 a), the Project does not have a significant impact on transportation or traffic in the project vicinity. Therefore, since the Project has a less than significant traffic impact based on the low number of trips, the Project's fuel consumption would not result in the wasteful, inefficient, and unnecessary consumption of fuel and impacts would be less than significant.

b) **Less-Than-Significant Impact.** Construction equipment would comply with federal, State, and regional requirements where applicable. With respect to truck fleet operators, the U.S. EPA and NHSTA have adopted fuel efficiency standards for medium- and heavy-duty trucks. The Phase 1 heavy-duty truck standards apply to combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles for model years 2014 through 2018 and result in a reduction in fuel consumption from 6 to 23 percent over the 2010 baseline, depending on the vehicle type. U.S. EPA and NHTSA also adopted the Phase 2 heavy-duty truck standards, which cover model years 2021 through 2027 and require the phase-in of a 5 to 25 percent reduction in fuel consumption over the 2017 baseline depending on the compliance year and vehicle type. The energy modeling for trucks does not take into account specific fuel reductions from these regulations, since they would apply to fleets as they incorporate newer trucks meeting the regulatory standards; however, these regulations would have an overall beneficial effect on reducing fuel consumption from trucks over time as older trucks are replaced with newer models that meet the standards.

In addition, construction equipment and trucks are required to comply with CARB regulations regarding heavy-duty truck idling limits of five minutes at a location and the phase-in of off-road emission standards that result in an increase in energy savings in the form of reduced fuel consumption from more fuel-efficient engines. Although these regulations are intended to reduce criteria pollutant emissions, compliance with the anti-idling and emissions regulations would also result in the efficient use of construction-related energy.

Electricity and natural gas usage during project operations, as reported in Table 5 and Table 6, would be minimized through incorporation of applicable 2016 Title 24 standards and applicable 2016 CALGreen requirements.

With respect to operational transportation-related fuel usage, the Project would support statewide efforts to improve transportation energy efficiency and reduce transportation energy consumption with respect to private automobiles. The Project would comply with CAFE fuel economy standards and the Pavley and Low Carbon Fuel standards, which are designed to result in more efficient use of transportation fuels.

As discussed in detail in Issue 8, *Greenhouse Gas,* the most applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions are AB 32 and SB 32, which codified the state's long-term GHG emissions reduction targets. Consistent with recent juridical and legislative action, this analysis also considers the long-range (2050) reduction target outlined in Executive Order (EO) S-3-05. Additionally, the analysis considers consistency with the District's "Dream Big" Ideas, which were developed to support GHG reductions consistent with regional and statewide targets. GHG reduction plans consider strategies that result in energy savings such as increasing renewable electricity use, reducing water use, and improving overall energy efficiency of buildings and mobile sources. Therefore, since the Project is consistent with AB32, SB32, Title 24, and CALGreen standards, it does not obstruct any applicable renewable energy or energy efficiency plan, and impacts are less than significant.

References

California Air Resources Board, 2017 Off-road Diesel Emission Factor Update for NOx and PM, 2017. https://www.arb.ca.gov/msei/ordiesel/ordas_ef_fcf_2017.pdf.

California Energy Commission California Energy Commission, California Retail Fuel Outlet Annual Reporting (CEC-A15) Results, 2017, http://www.energy.ca.gov/almanac/transportation_data/gasoline/2017_A15_Results.xlsx.

California Air Pollution Control Officers Association, California Emissions Estimator Model, 2017, http://caleemod.com/

San Diego Gas and Electric, Energy Data (2018), https://energydata.sdge.com/

U.S. EPA, Fact Sheet: EPA and NHTSA Adopt First-Ever Program to Reduce Greenhouse Gas Emissions and Improve Fuel Efficiency of Medium- and Heavy-Duty Vehicles, August 2011.

U.S. EPA, Federal Register/Vol. 81, No. 206/Tuesday, Greenhouse Gas Emissions and Fuel Efficiency Standards for Medium- and Heavy-Duty Engines and Vehicles—Phase 2, October 25, 2016.

Geology, Soils, and Seismicity

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
7. GEOLOGY and Soils — Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Refer to Division of Mines and Geology Special Publication 42.)	☐	☐	☒	☐
ii) Strong seismic ground shaking?	☐	☐	☒	☐
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
iv) Landslides?	☐	☐	☒	☐
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?	☐	☐	☒	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐

Discussion

a) **Less-than-Significant Impact.**

i) Similar to all of southern California, the Project Site is in a known seismically active region where the potential of seismic hazards exists. The site is not located on an Alquist-Priolo Earthquake Fault Zone (City of San Diego 2008, Kleinfelder 2017). The nearest Alquist-Priolo fault is the Newport-Inglewood Rose Canyon Fault, located approximately 1.5 miles west of the Project Site (City of San Diego 2015, Kleinfelder 2017). Therefore, there is not a risk of fault rupture of a known Alquist-Priolo fault on the Project Site, and effects would be less than significant.

ii) All of San Diego County, including the Project Site, is located within Seismic Zone 4 (Section 1629.4.1 of the California Building Code [CBC]), which is the

highest seismic zone, and is subject to ground shaking. A seismic event on the Rose Canyon fault could cause significant ground shaking on the Project Site. Construction of the new school facilities would be required to comply with all seismic-safety development requirements, including the Title 24 standards of the California Building Code under the direction and approval authority of the Division of the State Architect. Conformance with all applicable seismic-safety development requirements would minimize seismic ground shaking effects in the event of a major earthquake and ensure that the potential seismic or geologic hazard impacts are not significant. Conformance with all applicable seismic-safety development requirements would ensure that seismic ground shaking effects would be less than significant.

iii) Liquefaction occurs when cohesion-less soils become liquefied when agitated by strong vibratory motion due to earthquakes. Research and historical data indicate that loose granular soils and non-plastic silts that are saturated by a relatively shallow groundwater table are susceptible to liquefaction. According to the site-specific Geotechnical Report, perched groundwater or a regional groundwater table was not observed during boring excavations drilled to a maximum depth of approximately 19 feet (Kleinfelder 2018). The Proposed Project's grading and excavation would be shallow and would not extend to these depths. In addition, the Project Site is not designated as being located within a liquefaction hazard zone on the City of San Diego Seismic Hazard Map. Based on the presence of near-surface very dense soil, absence of near-surface groundwater, as well as not being within a liquefaction zone, the potential for liquefaction and seismically induced settlement to occur at the Project Site is not considered to be a risk (Kleinfelder 2018). As a result, the Proposed Project would not directly or indirectly cause potentially substantial adverse effects related to liquefaction, and impacts would be less than significant.

iv) According to the Department of Conservation Relative Landslide Susceptibility and Landslide Distribution Map, the site is mapped as "marginally susceptible" to landslides (California Department of Conservation 1995). However, the Project Site is relatively flat, and based on a geotechnical evaluation of the Project Site, evidence of landslides or slope instabilities were not observed at the Project Site (Kleinfelder 2018). Therefore, the potential for landslides would be less than significant.

b) **Less-than-Significant Impact.** The entire Project Site has been disturbed through prior development of the campus. Soils underlying the Project Site are classified primarily as fill (consisting of clayey sand with gravel, sandy lean clay, and lean clay with sand) and Very Old Paralic Deposits (consisting of clayey to silty sandstone with various amounts of gravel) (Kleinfelder 2018). Implementation of the Proposed Project would not result in substantial soil erosion or the loss of topsoil, as the soils on the Project Site have been altered from the original construction of the campus, and therefore have low erodibility within developed areas. Construction activities would include ground disturbance,

however, given the shallow depth of earthwork required and the site's relatively level topography, rapid storm water runoff would be limited, and would not exacerbate erosion potential. Therefore, impacts would be less than significant related to soil erosion.

c) **Less-than-Significant Impact.** As previously discussed above, the Project Site has low potential for liquefaction, landslides, and soil erosion, and impacts are considered less than significant. According to the site-specific geotechnical evaluation, the Project Site is underlain by fill (consisting of clayey sand with gravel, sandy lean clay, and lean clay with sand) and Very Old Paralic Deposits (consisting of clayey to silty sandstone with various amounts of gravel) (Kleinfelder 2018).The Project Site is not located on a geologic unit or soil that is unstable or would become unstable as a result of the Proposed Project, resulting in an on-site or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse (Kleinfelder 2018). Therefore, impacts would be less than significant.

d) **Less-than-Significant Impact.** Expansive soils are fine-grained soils (generally high-plasticity clays) that can undergo a significant increase in volume with an increase in water content and a significant decrease in volume with a decrease in water content. Changes in the water content of an expansive soil can result in severe distress to structures constructed upon the soil. According to the site-specific geotechnical evaluation, the Project Site is underlain by fill (consisting of clayey sand with gravel, sandy lean clay, and lean clay with sand) and Very Old Paralic Deposits (consisting of clayey to silty sandstone with various amounts of gravel) (Kleinfelder 2018). Based on samples tested and visual classification, the soils on the Project Site generally have a very low to low expansion potential. The Project Site is not located on expansive soils that would create substantial direct or indirect risk to life or property. Therefore, impacts would be less than significant related to expansive soils.

e) **No Impact.** Implementation of the Project would not result in any impacts regarding inadequate soils to support septic systems. Muir at Anderson School uses the existing sewer system for the disposal of wastewater, and would not use septic tanks or alternative wastewater disposal systems. Therefore, there would be no impact.

f) **Less-than-Significant Impact with Mitigation Incorporated.** A paleontological database search was conducted by the San Diego National History Museum (SDNHM), located in Appendix E. The SDNHM search indicates the Project Site is underlain by the Lindavista formation and the Friars formation. The Pleistocene-age (1.5 million – 500,000 years) Lindavista formation underlies much of the Project Site and rests upon the 800,000-year-old Tecolote Terrace. The formation is broadly equivalent to very old paralic deposits. The Lindavista formation has moderate paleontological sensitivity and has produced fossil specimens of marine invertebrates, as well as sharks and baleen whales throughout San Diego County; however, no fossil localities have been recovered from the formation within the Project Site or its vicinity. The Lindavista formation is underlain at unknown depths by the Eocene-age (47 million years old) Friars formation in the southeastern corner of the Project Site. The Friars formation has high paleontological

sensitivity, and fossil collection localities from the formation have been identified within 1 mile of the Project Site. These localities produced teeth and postcranial bones of terrestrial vertebrates including lizards, marsupials, insectivoran mammals, primates, and rodents.

Geotechnical boring indicates that the Project Site is underlain by 0.5 to 8 feet of fill and very old paralic deposits (Quaternary-age) (Kleinfelder 2018). As noted above, the very old paralic deposits are broadly equivalent to the Linda Vista formation and have moderate paleontological sensitivity.

The SDNHM paleontological database search and geotechnical work within the Project Site indicate that it is underlain by the moderately sensitive Lindavista formation, or very old paralic deposits, and varying depths beneath 0.5 to 8 feet of fill. Project ground disturbing activities include disturbing demolition, site clearing, grading, and excavation. These actions have the potential to impact unique paleontological resources and/or unique geologic features. As such, implementation of the Proposed Project could cause a substantial adverse change in the significance of unique paleontological resources and/or unique geologic features. With the incorporation of **Mitigation Measures GEO-1** through **GEO-4**, impacts to unique paleontological resources and unique geologic features would be reduced to a less than significant level.

Mitigation Measures:

GEO-1: Retention of Qualified Paleontologist. Prior to the start of construction activities, the District shall retain a Qualified Paleontologist that meets the standards of the Society of Vertebrate Paleontology (SVP) (2010) to carry out all mitigation measures related to paleontological resources.

GEO-2: Paleontological Resources Sensitivity Training. Prior to start of any ground disturbing activities, the Qualified Paleontologist shall contribute to any construction worker cultural resources sensitivity training, outlined in Mitigation Measure CUL-2, either in person or via a training module provided to the Qualified Archaeologist. This training shall include information on what types of paleontological resources could be encountered during excavations, what to do in case an unanticipated discovery is made by a worker, and laws protecting paleontological resources. All construction personnel shall be informed of the possibility of encountering fossils and instructed to immediately inform the construction foreman or supervisor if any bones or other potential fossils are unexpectedly unearthed in an area where a paleontological monitor is not present. The District shall ensure that construction personnel are made available for and attend the training and retain documentation demonstrating attendance.

GEO-3: Paleontological Monitoring. The Qualified Paleontologist shall supervise a paleontological monitor meeting SVP standards (2010) who shall be present during all construction excavations exceeding 2 feet in depth which have the potential to extend into the Lindavista and/or Friars formations. Monitoring shall consist of visually inspecting fresh exposures of rock for larger fossil remains and, where appropriate,

collecting wet or dry screened sediment samples of promising horizons for smaller fossil remains. The frequency of monitoring inspections shall be determined by the Qualified Paleontologist and shall be based on the rate of excavation and grading activities, proximity to known paleontological resources or fossiliferous geologic formations (i.e., Lindavista and Friars formations), the materials being excavated (i.e., native sediments versus artificial fill), the depth of excavation, and if found, the abundance and type of fossils encountered. Full-time monitoring can be reduced to part-time inspections or ceased entirely if determined adequate by the Qualified Paleontologist in consultation with the District. Monitoring activities shall be documented in a Paleontological Resources Monitoring Report to be prepared by the Qualified Paleontologist at the completion of construction and shall be provided to the District and filed with the San Diego Natural History Museum within six (6) months of project completion.

GEO-4: Inadvertent Discovery of Paleontological Resources. If a unique geologic feature or paleontological resource is discovered during construction, the paleontological monitor shall be empowered to temporarily divert or redirect grading and excavation activities in the area of the exposed fossil to facilitate evaluation of the discovery. An appropriate buffer area shall be established by the Qualified Paleontologist around the find where construction activities shall not be allowed to continue. Work shall be allowed to continue outside of the buffer area. At the Qualified Paleontologist's discretion and to reduce any construction delay, the grading and excavation contractor shall assist in removing rock samples for initial processing and evaluation of the find. All significant fossils shall be collected by the paleontological monitor and/or the Qualified Paleontologist. Collected fossils shall be prepared to the point of identification and catalogued before they are submitted to their final repository. Any fossils collected shall be curated at a public, non-profit institution with a research interest in the materials, such as the San Diego Natural History Museum, if such an institution agrees to accept the fossils. If no institution accepts the fossil collection, they shall be donated to a local school in the area for educational purposes. Accompanying notes, maps, and photographs shall also be filed at the repository and/or school.

Significance Determination: Less than significant with mitigation.

References

California Department of Conservation. 1995. Landslide Hazards in the Southern Part of San Diego Metropolitan Area, Landslide Hazard Identification Map No. 33.

City of San Diego. 2008. City of San Diego Seismic Safety Study. Available at http://archive.sandiego.gov/development-services/industry/hazards/pdf/geo25.pdf.

City of San Diego. 2015. City of San Diego General Plan. Available at https://www.sandiego.gov/planning/genplan.

Kleinfelder. 2018. Geotechnical Report TK Relocate Classroom John Muir Elementary School 4431 Mt. Herbert Avenue, San Diego, California Kleinfelder Project No. 20182952.001A

McComas, Katie. 2018. Paleontological Records Search – John Muir School Whole Site Modernization Project. Letter report prepared for Environmental Science Associates by the San Diego Natural History Museum.

Greenhouse Gas Emissions

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
8. GREENHOUSE GAS EMISSIONS — Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

Discussion

a) **Less-Than-Significant Impact.** The Proposed Project would improve the Muir at Anderson School through the construction of modernized school facilities and reconfigured of parking lots. Construction activities have the potential to generate GHG emissions. Once construction activities are complete, an additional 359 students would be located on the campus (for a total school capacity of 754 students). Indirect greenhouse gas emissions may be generated by the increased capacity of the school campus, from both vehicle trips and the operation of the new facilities. GHGs from Project construction and operation could contribute to a direct, indirect, or cumulative significant impact.

The District has not yet formally adopted specific thresholds of significance with regard to GHG emissions, nor has the District adopted a qualified plan, policy, or regulation to reduce GHG emissions that qualifies for tiering in CEQA documents (per State CEQA Guideline Section 15183.5(a)). The City of San Diego adopted a CAP in December 2015 that identifies measures to meet GHG reduction targets for 2020 and 2035. However, the CAP does not include emissions associated with District and school operations; therefore, the City's CAP is not an applicable plan. The District has formed a committee to discuss a range of environmental sustainability activities, projects, and policies for consideration. This committee has generated various climate change-related "Dream Big" Ideas, including developing a CAP and developing enough solar capabilities to go "off-grid" by 2025 (District 2014). No timetable for developing and adopting the CAP and other "Dream Big" ideas has been set.

Other lead agencies throughout the state have adopted or recommend mass emission thresholds for evaluating construction and operational emissions. For example, the County of San Diego currently recommend projects be compared to a 900-metric-ton carbon dioxide equivalent ($MTCO_2e$) screening level to identify which projects require additional analysis and mitigation.

Project emissions below this 900 $MTCO_2e$ level are considered less than cumulatively considerable, and project emissions above this level require additional analysis. Moreover, projects that result in a net benefit by reducing GHG emissions are determined to have a less-than-significant impact related to GHG emissions. Recent Court decisions, including *Newhall Ranch*, have recommended that analyses emphasize the consideration of GHG efficiency, and while the County guidance encourages CEQA analyses to focus on the GHG efficiency of a Proposed Project, the County also acknowledges that some projects are sufficiently small such that it is highly unlikely they would generate a level of GHGs that would be cumulatively considerable.

Of note is that this 900 $MTCO_2e$ screening level was developed in the California Air Pollution Control Officers Association (CAPCOA) *CEQA & Climate Change* paper (CAPCOA 2008) as a theoretical basis for screening-out smaller residential and non-residential (commercial, office) uses that emit low-levels of GHG emissions from further analysis. This 900 $MTCO_2e$ screening level is based on land-use related emission sources (e.g., on-road passenger vehicles, electricity and utility consumption) that are similar to school-related emissions and is the lowest numerical threshold recommended for use by any large jurisdiction in the state[4] (AEP 2016). Accordingly, the 900 $MTCO_2e$ threshold is applicable to the Proposed Project and meets the criteria identified in the *Newhall Ranch* decision needed to analyze project-level GHG emissions (e.g., project-specific emission sources).

Project construction activities would contribute GHG emissions as a result of off-road diesel equipment exhaust and emissions from employee, material delivery, and haul truck travel over the 30 months of construction. Primary emissions would occur as carbon dioxide (CO_2) from gasoline and diesel combustion, with more limited vehicle tailpipe emissions of nitrous oxide (N_2O) and methane (CH_4) as well as other GHG emissions related to vehicle cooling systems.

Following construction, Project operation would generate direct and indirect operational GHG emissions. The proposed modernization of existing buildings would potentially reduce direct sources of GHG emissions from the newer, likely more efficient systems, however these emissions reductions would be minor compared to the addition of new building space and additional student trips. The Project would remove existing buildings and thus the emissions from these sources would be replaced. Therefore, in order to determine the total net increase in emissions from the Proposed Project, the emissions from the sources to be removed (i.e. portable classrooms) are subtracted from the emissions generated by the new sources (i.e. buildings and new student trips).

4 Numerical thresholds adopted, proposed, or recommended throughout the state range from 1,100 $MTCO_2e$ to 100,000 $MTCO_2e$.

Construction-related GHG emissions for the Proposed Project were estimated using CalEEMod, version 2016.3.2., for onsite equipment and EMFAC2017 for on-road haul, vendor and worker trips, using the same assumptions used in the air quality emissions analysis above (see Issue 3). Total estimated construction-related GHG emissions are shown in **Table 7**.

TABLE 7
ESTIMATED TOTAL CONSTRUCTION GHG EMISSIONS

Emission Source	Estimated CO_2e Emissions
Phase 1 (2020)	205 (MT)
Phase 1 (2021)	140 (MT)
Phase 2 (2021)	132 (MT)
Phase 2 (2022)	90 (MT)
Phase 3 (2022)	28 (MT)
Total Construction Emissions	595 (MT)
Annual Construction (Amortized over 30 years)	20 (MT/yr)

CO_2e= carbon dioxide equivalent; MT =metric tons; MT/yr = metric tons per year.
SOURCE: ESA CalEEMod Modeling, 2019. Appendix E.

As shown in Table 7, the total estimated GHG emissions during construction of the Proposed Project would be approximately 595 MT of CO_2e. Consistent with the above mentioned GHG guidance, the sum of project-related GHG emissions of this previous project were amortized over a 30-year period, to be added to annual operational emissions of this Project.

The maximum annualized GHG emissions for the existing site and Proposed Project (including Project construction amortized over 30 years) are shown in **Table 8**.

As shown in Table 8, the estimated annual project related GHG emissions (amortized construction plus operations) were calculated to be approximately 593 $MTCO_2e$, which would not exceed the 900 $MTCO_2e$ per year threshold described above. Therefore, the Proposed Project would not generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment. This impact is considered less than significant.

TABLE 8
ESTIMATED PROJECT ANNUAL GREENHOUSE GAS EMISSIONS

Emission Source	Estimated CO_2e Emissions[1]
Existing Operational Emissions[2]	
Area	<1 (MT/yr)
Electricity	12 (MT/yr)
Natural Gas	0 (MT/yr)
Water and Wastewater	6 (MT/yr)
Solid Waste	<1 (MT/yr)
Total Existing Emissions	**18 (MT/yr)**
New Annual Operational Emissions[3]	
Area	<1 (MT/yr)
Electricity	43(MT/yr)
Natural Gas	522(MT/yr)
Water and Wastewater	26 (MT/yr)
Solid Waste	2 (MT/yr)
Total Annual Emissions	**592 (MT/yr)**
Net Annual Emissions[4]	**574 (MT/yr)**
Annual Construction Emissions (Amortized)	**20 (MT/yr)**
Total Annual Emissions	**593 (MT/yr)**
Threshold	900 MT/yr
Exceeds Threshold?	**No**

1 Totals may not add exactly due to rounding
2 Emissions from sources to be removed (i.e. portable buildings)
3 Emissions from sources to be added (i.e. new buildings and new student trips)
4 Net emissions are the new emissions minus the existing emissions to be stopped.

CO_2e= carbon dioxide equivalent; MT =metric tons; MT/yr = metric tons per year.

SOURCE: ESA CalEEMod Modeling, 2019. Appendix E.

b) **Less-than-Significant Impact.** As described above, the City of San Diego adopted a CAP in December 2015, which is the City's plan to reduce GHG emissions, but the CAP does not include emissions associated with District and school operations. Therefore, the most applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions are AB 32 and SB 32, which codified the state's GHG emissions reduction targets for the future. Consistent with recent juridical and legislative action, this analysis also considers the long-range (2050) reduction target outlined in Executive Order (EO) S-3-05.[5] Additionally, the analysis considers consistency with the District's "Dream Big" Ideas (District 2014), which were developed to support GHG reductions consistent with regional and statewide targets.

5 EO S-3-05 establishes a goal of 80% below 1990 levels by 2050.

ARB adopted the AB 32 Scoping Plan as a framework for achieving AB 32. The Scoping Plan outlines a series of technologically feasible and cost-effective measures to reduce statewide GHG emissions. These strategies are geared toward sectors and activities that generate significant amounts of GHGs. For example, the majority of measures address building energy, waste and wastewater generation, goods movement, on-road transportation, water usage, and high global warming potential gases. Implementation of the Proposed Project would not conflict with statewide plans since it would not result in zoning or land use changes. Construction of the Project would be short term in nature, and emissions would not exceed any proposed threshold throughout the state, including the 900 $MTCO_2e$ level referenced above. The Project increases student capacity as well as replaces buildings on site and upgrades some of the existing onsite buildings. While the capacity would increase by 359 students, the new building and building upgrades would reduce energy consumption, making the project more efficient. As discussed above in Issue 7 (a), GHG operational emissions would be minimal and considerably lower than the 900 $MTCO_2e$ per year threshold identified above.

Executive Orders S-3-05 and B-30-15 also establish goals to reduce GHG emissions to 40 percent below 1990 levels by 2030, and 80 percent below 1990 levels by 2050. SB 32 established the 2030 goal as law but the 2050 goal has not yet been codified by the Legislature. However, studies have shown that, to meet the 2030 and 2050 targets, aggressive technologies in the transportation and energy sectors, including electrification and the decarbonization of fuel, will be required. In its Climate Change Scoping Plan, CARB acknowledged that the "measures needed to meet the 2050 goal are too far in the future to define in detail." In the First Update, however, CARB generally described the type of activities required to achieve the 2050 target: "energy demand reduction through efficiency and activity changes; large-scale electrification of on-road vehicles, buildings, and industrial machinery; decarbonizing electricity and fuel supplies; and rapid market penetration of efficiency and clean energy technologies that requires significant efforts to deploy and scale markets for the cleanest technologies immediately." Due to the technological shifts required and the unknown parameters of the regulatory framework in 2030 and 2050, quantitatively analyzing the Project's impacts further relative to the 2030 and 2050 goals currently is speculative for purposes of CEQA.

Although the Project's emissions levels in 2030 and 2050 cannot yet be reliably quantified, statewide efforts are underway to facilitate the State's achievement of those goals and it is reasonable to expect the Project's emissions level to decline as the regulatory initiatives identified by CARB in the 2017 Scoping Plan are implemented, and other technological innovations occur. Stated differently, the Project's emissions total at buildout year of 2022 represents the maximum emissions inventory for the project as California's emissions sources are being regulated (and foreseeably expected to continue to be regulated in the future) in furtherance of the State's environmental policy objectives. Given the reasonably anticipated decline in project emissions once fully constructed and operational, the Project would be consistent with the Executive Orders' goals.

Because the Project's location, land use characteristics, and design render it consistent with statewide and regional climate change mandates, plans, policies, and recommendations, the Project would be consistent with and would not conflict with any applicable plan, policy, regulation or recommendation to reduce GHG emissions. Therefore, impacts would be less than significant.

References

City of San Diego (City). 2013. *Draft Significance Thresholds for Greenhouse Gas Emissions.* March. Available: http://www.sandiego.gov/planning/genplan/cap/pdf/ghg_significance_thresholds_032213.pdf.

City of San Diego (City). 2015. Climate Action Plan. November. Available at http://www.sandiego.gov/planning/genplan/cap/.

County of San Diego. 2013. *Guidelines for Determining Significance – Climate Change.* November. Available: http://www.sdcounty.ca.gov/dplu/advance/climateactionplan.html.

County of San Diego. 2015. *2015 GHG Guidance: Recommended Approach to Addressing Climate Change in CEQA Documents*. January 21.

Hazards and Hazardous Materials

Issues (and Supporting Information Sources):		*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
9.	**HAZARDS AND HAZARDOUS MATERIALS — Would the project:**				
a)	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b)	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c)	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☒	☐
d)	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	☒
e)	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f)	Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
g)	Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?	☐	☐	☒	☐

Discussion

a) **Less-than-Significant Impact.** Project construction would require the use of materials that are typically associated with construction activities, such as diesel fuels, hydraulic liquids, oils, solvents, and paints. Any potentially hazardous materials found on site would be removed in accordance with state and federal regulations regarding the transport, use, and storage of hazardous materials. Therefore, the Proposed Project would not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials, and a less-than-significant impact is anticipated. Also, the modernization activities would not change the ongoing operations at the school. The routine transport, use, or disposal of hazardous materials used on the Project Site would be conducted in accordance with state and federal regulations regarding hazardous materials. Therefore, construction and operational impacts for these issues would be less than significant.

b) **Less-than-Significant Impact.** Project construction would use typical construction materials. During construction activities, hazardous materials could accidentally be spilled or otherwise released into the environment. If an accident were to occur, clean up

would be conducted in accordance with state and federal regulations regarding hazardous materials, including regulations under the United States Environmental Protection Agency (USEPA), California Department of Occupational Safety and Health (Cal/OSHA), and California Department of Toxic Substances Control (DTSC). The Proposed Project would not change the ongoing operations at the Project Site. Therefore, construction and operational impacts for these issues would be less than significant related to foreseeable upset and accidental conditions.

c) **Less-than-Significant Impact.** The Project Site itself is a kindergarten through eighth grade school and any hazardous materials used during project construction would be transported, used, and stored in accordance with state and federal regulations regarding hazardous materials. The routine transport, use, or disposal of hazardous materials used on the Project Site (a school) would be conducted in accordance with state and federal regulations regarding hazardous materials. Therefore, the handling of hazardous materials within one-quarter mile of a school site would be less than significant.

d) **No Impact.** Government Code Section 65962.5 requires the California EPA (Cal EPA) to develop an annually update the Hazardous Waste and Substances Sites (Cortese) List. A review of the DTSC EnviroStor and State Water Resource Control Board (SWRCB) GeoTracker databases did not indicate any open cleanup sites or hazardous waste facilities within the Project Site (DTSC 2018). The Project Site is not identified on databases tracking hazardous materials. The nearest reported case is a leaking underground storage tank (LUST) cleanup site located approximately 0.5 miles east of the Project Site, at 4360 Genesee Avenue. However, the LUST site is listed as case closed as of December 6, 2013 (SWRCB 2018). Therefore, as the Project Site is not listed as an open cleanup site or hazardous waste facility, no impact would occur.

e) **No Impact.** The Project Site is not within 2 miles of a public or private airport facility. The nearest airfield to the Project Site is Montgomery-Gibbs Executive Airport, approximately 2.7 miles east of the Project Site. Other airport facilities include Marine Corps Air Station Miramar, approximately 3.3 miles northeast, and San Diego International Airport, approximately 6 miles south of the Project Site. The Project Site is not within the boundaries of the Airport Influence Area for Marine Corps Air Station Miramar, Montgomery-Gibbs, or San Diego International Airport (ALUC 2008, ALUC 2010, and ALUC 2014). There are no private airstrips within the vicinity of the Project Site. As such, the Proposed Project would not conflict with an Airport Land Use Compatibility Plan (ALUCP) or any other applicable rules and regulations that pertain to airports and airport safety or excessive noise, and no impacts would result upon implementation of the Proposed Project.

f) **Less-than-Significant Impact.** Emergency management services are overseen by the San Diego Fire-Rescue Department, which responds to emergencies such as earthquakes, floods, and terrorist acts. In addition, the District maintains a Natural Hazards Mitigation Plan that addresses issues related to multiple hazards, including earthquakes, floods, wildfires, landslides, and tsunamis. Current access to the Project Site for emergency

vehicles is provided from the existing parking lot and along Mt. Herbert Avenue through a locked emergency access gate. Construction activities would occur within the Project Site but would not restrict access for emergency vehicles traveling to the school due to the phasing of construction. After construction of the Project, emergency access would be provided through the reconfigured existing parking lot and the new staff parking lot, with two additional fire lanes, at both the northern and southern ends of the Project Site. As a result, implementation of the Proposed Project would not impair or physically interfere with an emergency response, and the impacts are considered to be less than significant.

g) **Less-than-Significant Impact.** The Project Site is within a developed urban area that has not been identified as a wildland fire hazard area. According to the California Department of Forestry and Fire Protection's (CAL FIRE) Very High Fire Hazard Severity Zones (VHFHSZ) in Local Responsibility Area Map, the school site is not located within a fire hazard severity zone (CAL FIRE 2009). While open space areas are located in proximity (Tecolote Canyon Natural Park), all Project activities would occur within the already developed school property. Therefore, the Proposed Project would not expose people or structures directly or indirectly to a significant risk of loss, injury, or death from wildfires, and impacts would be less than significant.

References

Airport Land Use Commission (ALUC). 2008. Airport Land Use Compatibility Plan: MCAS Miramar. Available at http://www.san.org/Airport-Projects/Land-Use-Compatibility/EntryId/2989#118076-alucps.

———. 2010. Airport Land Use Compatibility Plan: Montgomery Field. Available at http://www.san.org/Airport-Projects/Land-Use-Compatibility/EntryId/2989#118076-alucps.

———. 2014. Airport Land Use Compatibility Plan: San Diego International Airport. Available at http://www.san.org/Airport-Projects/Land-Use-Compatibility/EntryId/2989#118076-alucps.

California Department of Forestry and Fire Protection (CAL FIRE). 2009. San Diego Very High Fire Hazard Severity Zones in LRA.

Department of Toxic Substances Control (DTSC). 2018. EnviroStor Hazardous Waste and Substances Site List.

State Water Resources Control Board (SWRCB). 2018. Geotracker: Circle K Stores. (T06019761846). Available at https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T06019761846.

Hydrology and Water Quality

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
10. HYDROLOGY AND WATER QUALITY — Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☒	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of imperious surfaces, in a manner which would:				
i) result in substantial erosion or siltation on- or off-site;	☐	☐	☒	☐
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	☐	☐	☒	☐
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv) impede or redirect flood flows?	☐	☐	☐	☒
d) In flood hazard, tsunami, or seiche zones, risk or release of pollutants due to project inundation?	☐	☐	☒	☐
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

Discussion

a, e) **Less-than-Significant Impact.** The Proposed Project includes modernization to select facilities and infrastructure at an existing kindergarten through eighth grade school campus in an urbanized area. During construction, exposed soil could temporarily increase the amount of sediment in runoff, which would enter the existing storm drain system. The Proposed Project would be required to obtain and comply with the Construction General Permit from the SWRCB. Stormwater best management practices (BMPs) would be required to limit erosion, minimize sedimentation, and control stormwater runoff water quality during construction activities. It is assumed that the limits of disturbance for the Proposed Project would require a Stormwater Pollution Prevention Plan (SWPPP). Compliance under the Construction General Permit and SWPPP would ensure that construction activities would not degrade the surface water quality of receiving waters to levels that would be below the standards that are considered acceptable by the San Diego Regional Water Quality Control Board (RWQCB) or other regulatory agencies. Upon completion, the Project would include a new bio-retention basin east of the existing soccer field. The bio-retention basin would reduce the rate of

surface stormwater runoff, allowing runoff to percolate into the soil and in turn improving the water quality. The Project Site would continue to drain into the existing municipal storm drain system within the Project Site. The amount of stormwater runoff, and surface or ground water quality from the Project Site would not change substantially after implementation of the Proposed Project. Additionally, there would be no new additional source of polluted runoff.

According to the site-specific Geotechnical Report, perched groundwater or a regional groundwater table was not observed during boring excavations drilled to a maximum depth of approximately 19 feet (Kleinfelder 2018). It is not anticipated the Project construction would reach this depth, and no impacts to groundwater quality are anticipated. Similar to existing conditions, the Project does not propose to use groundwater. As a result, impacts related to surface water or groundwater quality would be less than significant, and the Proposed Project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan.

b) **Less-than-Significant Impact.** The Project Site is within an established urban community that is serviced by the City of San Diego Water Utilities Department. The Project does not propose to use groundwater. Additionally, all Project improvements would occur within the existing school campus footprint. While the Project would include the addition of a bio-retention basin east of the existing soccer field, the relocation of the paved playground and hardcourt area to the north and south of the existing soccer field would create a new increase of impervious surfaces to the Project Site. However, the footprint of the paved area would be negligible and would not interfere with groundwater recharge such that the Project may impede sustainable groundwater management of a basin. Therefore, a less than significant impact would occur related to a decrease in groundwater supplies or groundwater recharge.

c, i) **Less-than-Significant Impact.** Construction of the Proposed Project would include ground disturbing activities in order to construct and modernize school facilities and reconfigure the parking lots. These activities could temporarily alter the ground surface, consequently altering drainage patterns. Altered drainage patterns have the potential to result in erosion or sedimentation on or offsite by redirecting or concentrating flows on-site. However, as described above in Issue 10 (a), the Proposed Project would be required to comply with the Construction General Permit and a SWPPP. BMPs would be implemented to minimize sedimentation at the Project Site. After the completion of construction, the ground surface would be restored to existing conditions, with the addition of a bio-retention basin and a newly paved area north and south of the soccer field for the relocated playground and hardcourts. Drainage within the Project Site would continue to be serviced by the existing storm drain system. Additionally, no stream or river courses exist within the site vicinity that could be affected by the Proposed Project. Therefore, impacts on the existing drainage pattern regarding siltation or erosion on- or off-site would be less than significant.

ii) **Less-than-Significant Impact.** As previously discussed above, construction of the Proposed Project could temporarily alter the ground surface, consequently altering the drainage pattern. Altered drainage patterns have the potential to result in increased runoff, which could result in flooding on or offsite. However, as described above in Issue 10 (a), the Proposed Project would be required to comply with the Construction General Permit and a SWPPP. BMPs would be implemented to minimize runoff at the Project Site, which in turn would minimize flooding. After the completion of construction, the ground surface would be restored to existing conditions, with the addition of a bio-retention basin and a newly paved area north and south of the soccer field for the relocated playground and hardcourts. Drainage within the Project Site would continue to be serviced by the existing storm drain system. Therefore, impacts on the existing drainage pattern regarding runoff in a manner that would result in flooding on- or off-site would be less than significant.

iii) **Less-than-Significant Impact.** See discussion under Issue 10 (c)(i) and (ii), above. Construction of the Proposed Project would not result in significant impacts on the existing drainage pattern due to implementation of BMPs that would minimize flooding and runoff. After the completion of construction, drainage patterns would be restored to existing conditions. Drainage for the site would continue to be serviced by the existing storm drain system. Therefore, impacts related to runoff exceeding the drainage system capacity would be less than significant.

iv) **No Impact.** The Project Site is not within a 100-year flood hazard area, as mapped on Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FEMA 2012). Therefore, the Proposed Project would not impede or redirect flows, and there would be no impact.

d) **Less-than-Significant Impact.** The Project Site is located approximately 2 miles northeast of Mission Bay and 4.2 miles from the Pacific Ocean. According to the California Emergency Management Agency's Tsunami Inundation Map, the Project Site is not in an affected USGS Quadrangle (California Emergency Management Agency 2017). In addition, the Project Site is not located near a body of water, and therefore not at risk by seiche. As previously discussed, the Project Site is not within a 100-year flood hazard area, as mapped on FEMA's Flood Insurance Rate Map (FEMA 2012). As a result, there would be a less-than-significant impact regarding risks from seiche, tsunami, or flood hazards that would risk or release pollutants due to inundation.

References

California Emergency Management Agency. 2017. Tsunami Inundation Map for Emergency Planning. Accessed October 2018.

Federal Emergency Management Agency (FEMA). 2012. Flood Insurance Rate Map. Accessed October 2018.

Kleinfelder. 2018. Geotechnical Report TK Relocate Classroom John Muir Elementary School 4431 Mt. Herbert Avenue, San Diego, California Kleinfelder Project No. 20182952.001A

Land Use and Land Use Planning

Issues (and Supporting Information Sources):		*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
11.	**LAND USE AND LAND USE PLANNING — Would the project:**				
a)	Physically divide an established community?	☐	☐	☐	☒
b)	Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	☒

Discussion

a) **No Impact.** The Proposed Project would occur within the existing boundaries of the school campus. Therefore, implementation of the Proposed Project would not physically divide an established community, and no impact would occur.

b) **No Impact.** The Proposed Project is consistent with the City's General Plan land use designation (Institutional & Public and Semi-Public Facilities). By state law, school facilities can be exempted from local zoning ordinances consistent with California Government Code Section 53094. The District adopted a resolution on July 10, 2018, exempting the Project Site from local zoning ordinances consistent with the Project being carried out as described in this initial study. Therefore, zoning information is provided only for reference because it is not binding on the project and no impacts would occur. The Proposed Project would not result in any changes to the existing land use at the site. Additionally, no components of the Proposed Project would have the potential to conflict with adjacent land uses. No impacts would occur.

References

City of San Diego. 1998. Clairemont Mesa Community Plan. Available at https://www.sandiego.gov/sites/default/files/legacy//planning/community/profiles/clairemontmesa/pdf/clairemontmesa042611c.pdf Accessed October 2018.

City of San Diego. 2012. City of San Diego General Plan Conservation Element. Available at https://www.sandiego.gov/planning/genplan.

Mineral Resources

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
12. MINERAL RESOURCES — Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	☐	☐	☐	☒

Discussion

a, b) **No Impact.** The Project Site is in Mineral Resource Zone (MRZ) 3, as identified in the Conservation Element of the City of San Diego's General Plan (City of San Diego 2015). MRZ-3 areas contain known mineral deposits that may qualify as mineral resources. However, the Proposed Project involves improvements of an existing school site; no mineral extraction or other mining operations occur within the Project Site. In addition, the District does not intend to remove the school; therefore, the Project Site would not be available for mineral extraction activities in the future. The Proposed Project would not result in the loss of availability of known mineral resource that would be of value to the region and the residents of the state, or result in the loss of a mineral resource recovery site. Therefore, there would be no impact on mineral resources.

References

City of San Diego. 2015. City of San Diego General Plan. Available at https://www.sandiego.gov/planning/genplan.

Noise

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
13. NOISE — Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☒	☐	☐
b) Generation of excessive groundborne vibration or groundborne noise levels?	☐	☒	☐	☐
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Discussion

a) **Less-Than-Significant Impact with Mitigation Incorporated.** The Proposed Project would involve phased construction activities onsite over a 30-month period. Project construction would generate noise from the daytime operation of construction equipment on the Project Site and from haul truck trips on local roadways accessing and departing the Project Site. Operating school facilities with kindergarten through eighth grade students are situated within the Project Site, and residences are located within immediate proximity to the Project Site. Additionally, Mt Etna Park is located immediately to the east along Mt Etna Drive, with Tsumiki Church Preschool adjacent to and further east of the Park. These are all considered sensitive noise receptors for the purposes of this noise analysis.

Existing Conditions

To characterize the existing ambient noise levels at noise sensitive receptors in proximity to the Project Site, seven short-term noise measurements were conducted on Wednesday, October 24, 2018 from 9:44 a.m. to 12:44 p.m. at the noise sensitive receptors nearest the Project activities. **Figure 7** shows the locations of the noise measurements. Noise measurement location 1 represents visitors at the passive recreational area of Mt. Etna Park as well as the adjacent Tsumiki Church Preschool (open windows facing west; i.e., the Park and Project Site). Noise measurement locations 2, 3, 4, and 5 represent sensitive residential receptors fronting Mt. Laudo Drive, Mt. Herbert Avenue, and Mt. Etna Drive. Noise measurement locations 6 and 7 represent the sensitive student receptors. The area surrounding the Project Site is a suburban single-family residential neighborhood and the noise setting is reflective of these uses.



SOURCE: ESA, 2019; Base Map Google Earth, 2019

Muir at Anderson School

Figure 7
Noise Measurement Locations

ESA

The dominant noise source observed in the vicinity of the Project Site was vehicular traffic on the roadways adjacent to the Project Site (Mt. Etna Drive and Mt. Herbert Avenue); however, these roadways are relatively lightly traveled neighborhood streets with low average daily traffic volumes, and peak AM and PM volumes including the start and end of the school day. **Table 9** presents a summary of the short-term noise measurement results.

TABLE 9
NOISE MEASUREMENT SUMMARY

Measurement Number Location, Receptor Type	Date	Time	Measured Noise Level (Leq_l, dBA)
1 (off-site, park/church preschool)	10/24/2018	9:44-9:59	45.6
2 (off-site, residence)	10/24/2018	10:05-10:20	56.6
3 (off-site, residence)	10/24/2018	10:35-10:50	57.9
4 (off-site, residence)	10/24/2018	10:53-11:08	57.2
5 (off-site, residence)	10/24/2018	11:11-11:26	49.0
6 (on-site, residence)	10/24/2018	11:46-12:02	50.9
7 (on-site, classroom)	10/24/2018	12:06-12:21	57.0

SOURCE: ESA, 2019

Construction Impacts

Project construction would generate noise from the use of heavy construction equipment on-site for the construction activities of demolition, site preparation, grading, building construction, paving, landscaping, and finishing that would be occurring during and located at each phase area of the Project Site. Based on the anticipated types and quantities of equipment needed for each construction activity of each construction phase, **Table 10** presents equivalent (i.e., averaged over 1-hour) construction noise levels (dBA L_{eq}) attenuated by distance at the nearby noise-sensitive receivers located on-site (classrooms) and off-site (residences), shown in Figure 7.

As shown in Table 10, the existing ambient noise levels measured at the on-site and off-site seven receiver locations (previously provided in Table 9), were added to the attenuated construction noise levels at the receivers, and then the result was compared to the existing ambient noise level to determine the increase over the existing levels at the receivers. As shown in Table 10, Project construction would result in a temporary increase in ambient noise levels at on-site and off-site sensitive receivers ranging between 7.5 and 38.1 dBA L_{eq} over the existing ambient noise levels, depending upon each construction phase and its construction activities.

TABLE 10
PREDICTED CONSTRUCTION NOISE LEVELS AT NEARBY SENSITIVE-RECEIVERS

Construction Phase	Receivers	Distance from Project Property Line (feet)	Existing Noise Level (Leq, dBA)	Construction Noise Level (Leq, dBA)	Increase Over Existing (Leq, dBA)
Phase 1	1	300	45.6	68	21.9
	2	245	56.6	69	12.3
	3	225	57.9	69	10.6
	4	225	57.2	69	11.3
	5	25	49.0	72	23.1
	6	25	50.9	87	36.2
	7	50	57.0	81	23.8
Phase 2	1	300	45.6	68	22.6
	2	50	56.6	79	22.6
	3	180	57.9	71	13.5
	4	180	57.2	71	14.2
	5	500	49.0	65	15.7
	6	500	50.9	65	13.9
	7	50	57.0	79	22.2
Phase 3	1	500	45.6	64	18.2
	2	500	56.6	64	7.5
	3	220	57.9	70	11.7
	4	50	57.2	81	24.1
	5	25	49.0	87	38.1
	6	25	50.9	87	36.2
	7	50	57.0	81	24.3

SOURCE: ESA, 2019.

An increase (i.e., net change) in ambient levels at the nearest off-site noise sensitive receptors is typically considered a substantial increase when the increase is 5 to 10 dBA Leq or greater, as a change in sound level of 5 dB is considered "clearly noticeable", and a change of 10 dB is recognized as "twice as loud." The City does not provide a definition of a temporary substantial increase; however, FTA defines a substantial temporary increase in ambient noise levels as a direct project-related increase of 10 dBA L_{eq} or greater, based on the noise standard that a 10 dBA increase is perceived by the human ear as twice as loud (FTA 2006). Therefore, the increases ranging from 10.6 and 38.1 dBA L_{eq} shown in Table 10, would be a substantial increase of 10 dBA or greater at all measured receiver locations during all construction phases, except, at receiver 2 during phase 3 (7.5 dBA Leq increase). Therefore, temporary increase in ambient noise levels at off-site sensitive receivers during Project construction would constitute a

substantial temporary or periodic increase in ambient noise levels above existing levels at noise sensitive receptors.

Project construction would be subject to the allowable construction hours and construction noise level limits of the City of San Diego Municipal Code Noise Ordinance, which states that:

> *Temporary construction noise which exceeds 75 dB(A) Leq at a sensitive receptor would be considered significant. Construction noise levels measured at or beyond the property line of any property zoned residential shall not exceed an average sound level greater than 75-decibels (dB) during the 12-hour period from 7:00 a.m. to 7:00 p.m. In addition, construction activity is prohibited between the hours of 7:00 p.m. of any day and 7:00 a.m. of the following day, or on legal holidays as specified in Section 21.04 of the San Diego Municipal Code, with the exception of Columbus Day and Washington's Birthday, or on Sundays, that would create disturbing, excessive, or offensive noise unless a permit has been applied for and granted beforehand by the Noise Abatement and Control Administration, in conformance with San Diego Municipal Code Section 59.5.0404.*

As shown in Table 10, Project construction noise levels range from 68 to 87 dBA Leq, which at some residences during all phases, would exceed the City's construction noise level limit of 75 dBA Leq during the 12-hour period from 7:00 a.m. to 7:00 p.m. at or beyond the property line of any property zoned residential. Therefore, impacts would potentially be considered significant. Therefore, the Project would be required to implement the **Mitigation Measure NOI-1**, which would require construction equipment techniques, further detailed below.

Implementation of Mitigation Measure NOI-1 would reduce construction noise levels at the source by potentially up to 15 dBA Leq, thereby, potentially reducing the estimated construction noise levels of approximately 68 to 87 dBA Leq at residences to approximately 53 to 72 dBA Leq, which is below the City's construction noise level limit of 75 dBA Leq during the 12-hour period from 7:00 a.m. to 7:00 p.m. at or beyond the property line of any property zoned residential. Therefore, noise impacts to residences would be less than significant after mitigation.

In addition, Project construction would occur adjacent to on-site classrooms, therefore, the construction noise would have less distance for attenuation, as experienced for the off-site residences. The sequence of Project construction phase areas 1, 2, and 3 would determine when and where construction activities would occur on-site, and whether school would be in or out of session. The active construction phase area would be isolated at distance from active classrooms. As shown in Table 9, construction noise levels at a reference distance of 50 feet would result in a substantial increase in ambient noise levels measured at location 7. The construction noise level limit of the City's Noise Ordinance is applicable to residences; however, implementation of Mitigation Measure

Noise-1 would reduce construction noise level impacts to occupied classrooms, including the implementation temporary noise barriers between the noise source and classroom.

Operation Impacts

Project operation would increase student capacity by 359 students (from an existing capacity of 395 students), and increase the number of private vehicle trips to the Project Site. Additionally, depending on actual enrollment levels and needs of students, the number of bus trips could increase as well. These increases could result in a substantial permanent increase in ambient noise levels on area roadways. To predict the noise increase due to vehicular traffic, the Federal Highway Administration's (FHWA's) Traffic Noise Model (TNM), Version 2.5, was used to predict vehicular traffic noise levels at off-site noise-sensitive receivers based on existing traffic volumes (LLG 2019). The Existing and Existing with Project noise levels at off-site noise-sensitive receivers are shown in **Table 11**.

TABLE 11
PREDICTED TRAFFIC NOISE LEVELS

Roadway Segment	Existing Noise Level (Leq, dBA)	Existing with Project Noise Level (Leq, dBA)	Noise Level Increase over Existing (Leq, dBA)
Genesee Ave			
Between Chateau Dr and Mt. Herbert Ave	70.1	70.1	0.0
Between Mt. Foraker Ave and Mt. Etna Dr	69.7	69.7	0.0
Between Balboa Ave and Mt. Alifan Dr	69.4	69.4	0.0
Mt. Herbert Ave			
Between Mt. Gaywas Dr and Mt. Etna Dr	56.5	57.2	0.7
Between Mt. Etna Dr and Mt. King Dr	58.5	58.8	0.3
Mt. Everest Blvd			
Between Mt. Etna Dr and Mt. Durban Dr	59.1	59.2	0.1
Mt. Culebra Ave			
Between Mt. Durban Dr and Mt. Casas Dr	54.9	55.2	0.3
Balboa Ave			
Between Clairemont Dr and Mt. Culebra Ave	71.2	71.3	0.1
Between Mt. Everest Blvd and Genesee Ave	71.0	71.0	0.0
Between Genesee Ave and Mt. Alifan Dr	71.2	71.2	0.0

SOURCE: LL&G, 2019; ESA, 2019.

As shown in Table 11, the predicted Existing with Project traffic noise levels would increase existing noise levels along project study roadways ranging from 0.0 to 0.7 dBA Leq. If the traffic noise level on a roadway segment is currently at or exceeds the significance threshold for traffic noise of 65 dBA CNEL at exterior usable spaces, and Project traffic noise levels would result in less than a 3 dB increase, then the impact is not

considered significant. Therefore, the Project off-site traffic noise impact would be less than significant.

In addition, the Proposed Project would result in the operation of on-site stationary noise sources, including heating, ventilation, and air conditioning (HVAC) units on new buildings. HVAC equipment would be a primary (loudest) operational noise source on-site associated with the proposed modernization improvements. Noise levels from HVAC equipment vary significantly depending on unit efficiency, size, and location but generally average from 45 dBA to 70 dBA L_{eq} at 50 feet (USEPA 1971). HVAC Noise levels are typically attenuated by design, baffling, enclosures, barriers and distance. Section 59.5.0401 of the City of San Diego Noise Ordinance prohibits the 1-hour average sound level from exceeding the applicable limits at any location in the City of San Diego on or beyond the boundaries of the property on which the noise is produced. However, the Project would comply with the City Noise Ordinance by designing and locating HVAC units to provide sufficient baffling, barriers, and distance such that the noise level from HVAC units and generators would be less than 45 dBA L_{eq} at the property line. Therefore, impacts would be less than significant.

Mitigation Measures:

NOI-1: Construction Noise. The following construction equipment techniques shall be implemented by the construction contractor to reduce construction-related noise at nearby noise-sensitive receivers:

a. Construction contractor(s) shall ensure proper maintenance and working order of construction equipment and vehicles, and all construction equipment shall be equipped with manufacturers-approved mufflers and baffles.

b. Construction contractor(s) shall use quieter equipment as opposed to noisier equipment (such as rubber-tired equipment rather than track equipment), when feasible. Noisy equipment shall be switched off when not in use.

c. Construction activities shall be scheduled to avoid operating several pieces of equipment simultaneously, which causes high noise levels, to the extent feasible.

d. The construction contractor(s) shall place all stationary construction equipment so that emitted noise is directed away from sensitive receivers nearest the Project Site.

e. Temporary noise barriers shall be placed to block the line-of-sight between construction equipment operation and the offsite noise-sensitive receivers including the adjacent residences (backyards) to the south fronting Mt. Laudo Drive, and the residences to the west and north across and fronting Mt Etna Drive and Mt. Herbert Avenue, respectively, during project construction. Noise barriers can achieve a noise reduction of 5 to 15 dBA at the sources. The following two barriers shall be implemented by the construction contractor in order to reduce

construction-related noise at nearby noise-sensitive receivers to a less than significant:

i. A temporary noise barrier shall be placed along the entire southern property line of the Project Site at a height of 14 feet with noise blankets capable of achieving sound level reductions of at least 15 dBA to block the line-of-sight between construction equipment operations and the offsite noise-sensitive receivers to the south, thereby reducing construction noise at noise-sensitive receivers to less than significant; **and**

ii. A temporary 50-foot by 50-foot L-shaped noise barrier shall be constructed on-site for each small construction area at a height of 14' with noise blankets capable of achieving sound level reductions of at least 15 dBA to block the line-of-sight between construction equipment operations and the offsite noise-sensitive receivers, thereby reducing construction noise at noise-sensitive receivers to less than significant.

Significance Determination: Less than significant with mitigation.

b) **Less-than–Significant Impact with Mitigation Incorporated.** During Project construction, the use of typical heavy construction equipment for demolition, earth-moving, and compaction for paving of parking lots and drop-off lanes would generate localized vibration levels, which, depending upon distance, could potentially affect structures or annoy people. Non-typical heavy impact machinery that could result in excessive vibration conditions, such as pile drivers, would not be used.

Vibration analyses are conducted for potential structural damage to buildings, and annoyance to humans in inhabited structures. The closest structures to the construction activities on the Project Site would be the adjacent existing school buildings (classrooms, library, cafeteria, administration) not to be demolished by the Project. The closest off-site structures would be residential structures approximately 56 feet from the Project Site property line across Mt. Etna Drive and Mt. Herbert Avenue, and residential structures approximately 25 feet from the southern Project Site property line.

Construction vibration would have a significant impact if:

- Project construction activities cause groundborne vibration levels to exceed the building damage threshold of 0.2 inches per second (in/sec) peak particle velocity (PPV) at Building Category III Non-engineered timber and masonry buildings (FTA 2006), and
- Project construction activities cause groundborne vibration levels to exceed the human annoyance threshold of 80 VdB at Land Use Category 2 – Residences, and 83 VdB at Land Use Category 3 – Institutional, primarily day use (FTA 2006).

The vibration levels generated by the general construction equipment during the construction of the Proposed Project are identified in **Table 12,** in terms of PPV, expressed in/sec, and root mean square (RMS) velocity, expressed in VdB. As shown, depending on the type of construction equipment used, vibration velocities could reach as high as approximately 0.210 in/sec PPV at 25 feet from the source (e.g., vibratory roller), which corresponds to a RMS velocity level of 94 VdB at 25 feet from the source.

TABLE 12
VIBRATION SOURCE LEVELS FOR CONSTRUCTION EQUIPMENT

Equipment	Approximate PPV (in/sec) at 25 feet	Approximate RMS (VdB) at 25 feet
Vibratory Roller	0.210	94
Large Bulldozer	0.089	87
Loaded Trucks	0.076	86
Jackhammer	0.035	79
Small Bulldozer	0.003	58

SOURCE: FTA 2006.

As shown in Table 12, operation of a vibratory roller (used in soil compaction for paving parking lots and roadways) would generate vibration levels that would have the potential to structurally impact structures, if operated within approximately 25 feet or less. Other heavy equipment generates vibration levels less than half of that of the vibratory roller at 25 feet.

Structural Damage Analysis

The residences adjacent to the southern Project Site boundary (fronting Mt. Laudo Drive) is conservatively considered as non-engineered timber and masonry building, and are located approximately 25 feet from the boundary, and the exterior structures (swimming pools) are located adjacent to the boundary. Project components to be constructed in the southern part of the Project Site closest to these receptors include new hard courts, the locker room structure, and the parking/fire access lane. These activities could result in significant vibration impacts. Therefore, operation of a vibratory roller within 25 feet would potentially exceed the 0.2 in/sec PPV structural damage threshold. Therefore, the vibration impact to residential structures from Project construction would be potentially significant. At 50 feet, the equipment operation would not exceed the structural damage threshold.

The residential structures across Mt. Etna Drive and Mt. Herbert Avenue are approximately 56 feet from the Project Site; therefore, the operation of the Project construction equipment in Table 12, would not exceed the 0.2 in/sec PPV structural damage threshold. Therefore, the vibration structural damage impact to these structures from Project construction would be less than significant.

The structures located on-site (classrooms, administration buildings, etc.) would be potentially located near the operation of the project construction equipment. Operation of a vibratory roller within 25 feet would potentially exceed the 0.2 in/sec PPV structural damage threshold for Building Category III Non-engineered timber and masonry buildings (FTA 2006). Therefore, the vibration structural damage impact to on-site structures from project construction would be potentially significant.

Human Annoyance Analysis

At 50 feet, the operation activities would be consistent with existing uses and would not exceed the human annoyance threshold of 80 VdB. Construction vibration could annoy people within a nearby building. The vibration impact threshold for human annoyance at a residential structure is 80 VdB. As shown in Table 12, the vibration generated by the operation of a vibratory roller, a large bulldozer, or a loaded haul truck at 25 feet would exceed the human annoyance threshold of 80 VdB. Therefore, the operation of this equipment on-site along the southern Project Site boundary where houses abut the boundary, would potentially exceed the vibration threshold of human annoyance, potentially resulting in a significant impact. Project components to be constructed in the southern part of the Project Site closest to these receptors include new hard courts, the locker room structure, and the parking/fire access lane. These activities could result in significant vibration impacts.

In addition, construction vibration from the operation of this equipment on-site near on-site structures could potentially annoy people (students and teachers) within a nearby building (classroom). The vibration impact threshold for human annoyance at a daytime institutional use is 83 VdB. As shown in Table 12, the vibration generated by the operation of a vibratory roller, a large bulldozer, or a loaded haul truck at 25 feet would potentially exceed the human annoyance thresholds of 83 VdB, potentially resulting in a significant impact. Therefore, the Proposed Project would be required to implement **Mitigation Measure NOI-2** related to vibration-generating monitoring, as further detailed below.

With implementation of Mitigation Measure NOI-2, impacts would be reduced to less than significant. Therefore, the Project would not result in construction vibration-related structural damage and human annoyance impacts.

Mitigation Measures:

NOI-2: Construction Vibration. The following construction equipment techniques shall be implemented by the construction contractor to reduce construction-related vibration at nearby noise-sensitive receivers:

The construction contractor(s) shall review all construction activity for potential vibration-generating activities from demolition, excavation, and construction within 50 feet of existing structures, and shall require site-specific vibration studies to be

conducted to determine the area of impact and to identify appropriate construction techniques to minimize vibration. The studies shall, at a minimum, include the following:

- Identification of the Project's vibration compaction activities, and other vibration-generating activities that have the potential to generate ground-borne vibration; and the sensitivity of nearby structures to ground-borne vibration. This task should be conducted by a qualified structural engineer.
- A vibration monitoring and construction contingency plan to identify structures where monitoring would be conducted; establish a vibration monitoring schedule; define structure-specific vibration limits; and address the need to conduct photo, elevation, and crack surveys to document before and after construction conditions. Construction contingencies shall be identified for actions to be taken when vibration levels approached the defined vibration limits.
- Maintain a monitoring log of vibrations during initial demolition activities. Monitoring results may indicate the need for a more or less intensive measurement schedule.
- Vibration level limits for suspension of construction activities and implementation of contingencies to either lower vibration levels or secure the affected structures.
- Post-construction survey on structures where either monitoring has indicated high vibration levels or complaints of damage have been made. Make appropriate repairs or compensation where damage has occurred as a result of construction activities.

Significance Determination: Less than significant with mitigation.

c) **No Impact.** The Project Site is not located within the vicinity of a private airstrip; however, the Project Site is located within the Airport Influence Area, Review Area 2, and Airspace Protection Area of the Marine Corps Air Station Airport Land Use Compatibility Plan (San Diego County Airport Land Use Commission 2008); however, the Project site is not located within the Noise Contours Map. The nearest airfield to the Project Site is Montgomery-Gibbs Executive Airport, approximately 2.7 miles east of the Project Site. Other airport facilities include Marine Corps Air Station Miramar, approximately 3.3 miles northeast, and San Diego International Airport, approximately 6 miles south of the Project Site. Therefore, no impact would not occur.

References

California Department of Transportation (Caltrans), *Technical Noise Supplement* (TeNS). September, 2013.

City of San Diego, *City of San Diego General Plan*, Adopted March 10, 2008. Updated June, 2015. (Note: referenced as [2008] 2015 in text)

———, City of San Diego Municipal Code, Article 9.5, Noise Abatement and Control. June, 2000.

Federal Transportation Administration (FTA), *Transit Noise and Vibration Impact Assessment*. May, 2006.

Linscott Law & Greenspan (LL&G), *Transportation Impact Analysis, Muir at Anderson School*, March 22, 2019.

San Diego County Airport Land Use Commission, *Marine Corps Air Station Airport Land Use Compatibility Plan, Compatibility Policy Map, Airport Influence Area, Review Area 2*, October 2008.

Population and Housing

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
14. POPULATION AND HOUSING — Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☒	☐
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

Discussion

a) **Less-than-Significant Impact.** The Project Site is within an existing school property in a built-out, urbanized community. The Proposed Project would modernize the existing school with new facilities and reconfigure the Project Site. The proposed upgrades would increase student capacity by approximately 359 students, from the existing capacity of 395 students, for a total capacity of 754 students. However, the increase in students as the school transitions to a selective application-based magnet language school would serve an identified demand from the larger region. These students would come from the existing larger District service area and would not result in an increase in population growth overall. As such, the Proposed Project would not induce substantial unplanned population growth, either directly or indirectly, or result in the extension of public roads or other infrastructure, all of which sufficiently serve the Project Site. Therefore, less than significant impacts would occur related to inducing substantial population growth in the area.

b) **No Impact.** The Project Site is within an existing school property in a built-out, urbanized community. No housing exists on the Project Site, and therefore the Proposed Project would not displace a substantial number of existing housing units or people, necessitating the construction of replacement housing elsewhere. Therefore, there would be no impact.

Public Services

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
15. PUBLIC SERVICES — Would the project:				
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the following public services:				
i) Fire protection?	☐	☐	☒	☐
ii) Police protection?	☐	☐	☒	☐
iii) Schools?	☐	☐	☒	☐
iv) Parks?	☐	☐	☒	☐
v) Other public facilities?	☐	☐	☒	☐

Discussion

a) **Less-than-Significant Impact.**

i) The Project Site is currently served by the San Diego Fire Department (SDFD). The SDFD responds from 51 stations in the City of San Diego and the closest station to the Project Site is located one mile east at 5855 Chateau Drive. Implementation of the Proposed Project would increase the student capacity by 359 students, from the existing capacity of 395 students, for a total capacity of 754 students. While enrollment and use of the Project Site would increase above existing conditions, this new student enrollment would be composed of students currently residing in the surrounding neighborhood and already attending District schools. As such, the Proposed Project would not induce population growth directly or indirectly that could increase the demand on public services such as fire protection. While the Project would increase enrollment for the school and potentially increase the demand for fire protection at the Project Site, it is not anticipated that the Proposed Project would increase the demand to such an extent that new or expanded fire facilities would be required. In addition, as discussed above in Issue 9 (f), the Proposed Project would not negatively impact emergency access to the Project Site. Additionally, the Proposed Project would include two dedicated fire lanes in the north and south parts of the Project Site, to more effectively provide access. Therefore, the Proposed Project would not result in substantial adverse physical impacts associated with the need for new or physically altered governmental facilities in order to maintain acceptable service ratios, response times, or other performance objectives for any fire service agencies. As such, the impacts would be less than significant.

ii) The Project Site is currently serviced by the San Diego Police Department. The closest police station to the Project Site is the Northern Division, located 3 miles north at 4275 Eastgate Mall. As previously mentioned, the proposed school improvements would increase the student capacity to meet an identified need in the community for increased school services. As previously detailed, while enrollment and use of the Project Site would increase above existing conditions, this new student enrollment would be composed of students currently residing in the surrounding neighborhood and already attending District schools. As such, the Proposed Project would not induce population growth directly or indirectly that could increase the demand on public services such as police protection. While the Project would increase enrollment for the school and potentially increase the demand for police protection at the Project Site, it is not anticipated that the Proposed Project would increase the demand to such an extent that new or expanded police facilities would be required. Therefore, the Proposed Project would not result in substantial adverse physical impacts associated with the need for new or physically altered governmental facilities in order to maintain acceptable service ratios, response times, or other performance objectives for any police service agencies. As such, the impacts would be less than significant.

iii) The Project Site is located on an existing school campus and would expand its capacity. The Proposed Project includes altering school facilities; however, these impacts are analyzed throughout this Initial Study/MND for adverse physical effects on the environment. As such, the impacts would be less than significant.

iv) As previously mentioned, the Proposed Project would increase the student capacity. Recreational facilities to serve the added student capacity, included a sports pavilion, hard courts, new play areas, and a relocated archery range, would be provided on the campus. Therefore, the Project would not result in substantial adverse physical impacts associated with the need for new or physically altered park facilities. As such, the impacts would be less than significant.

v) As previously mentioned, the Proposed Project would increase the school's student capacity. Although there would be an increase in use of the Project Site, it is anticipated that existing public facilities (parks, libraries, and other public facilities) would be sufficient to address the increase in demand. As previously detailed, while enrollment and use of the Project Site would increase above existing conditions, this new student enrollment would be composed of students currently residing in the surrounding neighborhood and already attending District schools. As such, the Proposed Project would not induce population growth directly or indirectly that could increase the demand on other public services. Therefore, no additional public facilities would be required by the Proposed Project. As such, the impacts would be less than significant.

Recreation

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
16. RECREATION:				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☒	☐

Discussion

a, b) **Less-than-Significant Impact.** In addition to the existing recreational facilities on the Project Site itself (soccer field, archery range, and playgrounds), the Mt. Etna Neighborhood Park is the closest public recreational facility to the Project Site, located immediately to the east of the school. While the Proposed Project would increase student capacity by 359 students for a total capacity of 754 students and could increase the usage of the neighboring park before or after school hours, substantial deterioration of the park is not expected to occur or be accelerated. Additionally, new recreational facilities would be provided within the Project Site to serve the students, including sports pavilion, hard courts, new play areas, and a relocated archery range. However, these impacts are analyzed throughout this Initial Study/MND for adverse physical effects on the environment. Therefore, impacts would be less than significant.

Transportation

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
17. TRANSPORTATION — Would the project:				
a) Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities? ?	☐	☐	☒	☐
b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☐	☐	☒	☐
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☒	☐
d) Result in inadequate emergency access?	☐	☐	☒	☐

Discussion

a) **Less-than-Significant Impact.** The Project Site is located within the Clairemont community in the central portion of the city of San Diego. Regional access to the Project Site is provided by I-5, approximately 2 miles to the east; SR-52, approximately 1.5 miles to the south; and I-805, approximately 1.5 miles to the west. Local access to the Project Site is provided via Clairemont Mesa Boulevard to the north, Genesee Avenue to the east, Balboa Avenue to the south, and Clairemont Drive to the west. The Project Site is bound by Mt. Etna Drive to the north, Mt. Herbert Avenue to the west, and Mt. Laudo Drive to the south, where ingress/egress is provided via Mt. Etna Drive and Mt. Herbert Avenue.

Existing Traffic Conditions

A Traffic Impact Analysis (TIA) was prepared by Linscott, Law, and Greenspan (LLG) to evaluate the traffic conditions and potential impacts of the Project, which is included as Appendix H (LLG 2019). The study area of the evaluation of the TIA was defined based off the City of San Diego's *Traffic Impact Study Manual* (July 1998), where all adjacent intersections plus the first major signalized intersection in each direction were included in the study area. In addition, the City of San Diego's *Traffic Impact Study Manual* mandates that all regionally significant arterial system segments and intersections also be included in the study area if the project adds 50 or more peak hour trips; however, the Project would not contribute 50 or more trips to regionally significant arterial system segments and intersections and therefore, none were added to the study area. Based on these guidelines, the study area of the TIA consists of 11 intersections, which are listed in **Table 13** below.

TABLE 13
EXISTING INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Existing Delay	Existing LOS
1. Mt. Herbert Avenue / Genesee Avenue	Signal	AM	12.4	B
		PM	12.2	B
2. Genesee Avenue / Mt. Etna Drive	Signal	AM	25.3	C
		PM	34.0	C
3. Genesee Avenue / Balboa Avenue	Signal	AM	43.8	D
		PM	53.1	D
4. Mt. Herbert Avenue / Mt. Etna Drive	AWSC [c]	AM	8.2	A
		PM	8.4	A
5. Mt. Herbert Avenue / Mt. King Drive	MSSC [d]	AM	10.1	B
		PM	10.2	B
6. Mt. Foraker Avenue / Mt. Etna Drive	AWSC	AM	8.1	A
		PM	8.2	A
7. Mt. Davis Avenue / Mt. Etna Drive	MSSC	AM	9.7	A
		PM	10.3	B
8. Mt. Everest Boulevard / Mt. Etna Drive	AWSC	AM	8.6	A
		PM	9.0	A
9. Mt. Culebra Avenue / Mt. Durban Drive	AWSC	AM	7.3	A
		PM	7.4	A
10. Mt. Culebra Avenue / Balboa Avenue	MSSC	AM	16.4	C
		PM	16.3	C
11. Mt. Everest Boulevard / Balboa Avenue	Signal	AM	41.8	D
		PM	57.0	E

Footnotes:
[a] Average delay expressed in seconds per vehicle.
[b] Level of Service.
[c] AWSC = All-Way Stop-Controlled intersection. Average delay reported.
[d] MSSC = Minor Street Stop-Controlled intersection. Minor street approach left-turn critical movement delay reported.

Source: LLG 2019

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

The TIA is based on the City of San Diego's *Significance Determination Thresholds* report, dated July 2016, where a significant impact would occur if a project would decrease level of service (LOS) from D to E or F or would result in a delay of 2 seconds for intersections operating at LOS E and a delay of 1 second for intersections operation at LOS F. Please refer to the TIA contained in Appendix H for a detailed discussion on the TIA's methodology, significance thresholds, and analysis approach (LLG 2019).

For the 11 study area intersections, AM and PM peak hour traffic volumes were collected on Thursday, June 7, 2018 while schools were in session. Table 13 summarizes existing level of operation for each of the 11 intersections. Refer to Figure 3-2 of the TIA in Appendix H for the visual representation of the existing conditions of the TIA's study area.

As shown in Table 13 below, all studied intersections are currently operating at LOS D or better with the exception of the intersection at Mt. Everest Boulevard and Balboa Avenue (Intersection #11), which is currently operating at LOS E during the PM peak hour.

Project Trip Generation

The Project's trip generation was derived using rates from the latest published City of San Diego *Municipal Code Trip Generation Manual* (May 2003). These rates represent vehicular trip generation to include both passenger cars and busses, and are the result of empirical trip generation studies made by the City of San Diego, SANDAG, the Institute of Transportation Engineers (ITE), and other qualified sources (LLG 2019). Please refer to the TIA contained in Appendix H for the detail explanation on how the Project's trip generation was calculated as well as the trip distribution used for the TIA's analysis. Refer to Figures 7-1 and 7-2 of the TIA in Appendix H for the visual representations of the Project's traffic distribution and trip generation.

Table 14 shows the breakdown of the Project's trip generation, where the Project is forecasted to generate a total of 905 average daily trips (ADT) with 270 trips during the AM peak hour and 234 trips during the PM peak hour.

TABLE 14
PROJECT TRIP GENERATION

		Daily Trip Ends (ADTs)		AM Peak Hour					PM Peak Hour				
					In:Out	Volume				In:Out	Volume		
Land Use	Size	Rate[a]	Volume	% of ADT	Split	In	Out	Total	% of ADT	Split	In	Out	Total
Kindergarten (10%)	36 Students	5.00/Student	180	19%	50:50	17	17	34	18%	50:50	16	16	32
Elementary (63%)	226 Students	2.90/Student	655	31%	60:40	122	81	203	28%	40:60	73	110	183
Junior High (27%)	97 Students	1.40/Student	136	24%	70:30	23	10	33	14%	30:70	6	13	19
Total (100%)	***359 Students***	–	***905***	–	–	***162***	***108***	***270***	–	–	***95***	***139***	***234***

Footnotes:

[a] Daily Rate is based City of San Diego Trip Generation Manual (2003).

General Notes:

[1] The "Net 359 Expansion" is based off a 750-student maximum project minus the maximum historical enrollment of 391 students (2010/11).

[2] PM Peak hour "% of ADT" is based on the City of San Diego Trip Generation Manual, which represents the percentage occurring in the PM commuter peak hour. These factors were adjusted upward individually for each school grade to reflect the peak of the land use (mid-afternoon), based on the relationship between the "Peak of the Street" and the "Peak of the Generator" factors obtained from the ITE TGM 10th Edition.

Source: LLG 2019

Existing + Project Conditions (2018) Traffic Scenario

The Existing + Project Conditions traffic scenario represents the contribution of the Project's traffic volumes on the existing street network at the time of the traffic counts were collected (2018) without including additional cumulative projects or additional road improvements in the baseline condition. **Table 15** summarizes operation of the existing study area intersections with the addition of the Project's traffic volumes.

TABLE 15
EXISTING + PROJECT INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Existing		Existing + Project		Delay Δ [c]	Sig?
			Delay [a]	LOS [b]	Delay	LOS		
Mt. Herbert Avenue / Genesee Avenue	Signal	AM	12.4	B	14.4	B	2.0	No
		PM	12.2	B	16.4	B	4.2	
Genesee Avenue / Mt. Etna Drive	Signal	AM	25.3	C	27.2	C	1.9	No
		PM	34.0	C	36.5	D	2.5	
Genesee Avenue / Balboa Avenue	Signal	AM	43.8	D	45.0	D	1.2	No
		PM	53.1	D	53.8	D	0.7	
Mt. Herbert Avenue / Mt. Etna Drive	AWSC [c]	AM	8.2	A	9.1	A	0.9	No
		PM	8.4	A	9.2	A	0.8	
Mt. Herbert Avenue / Mt. King Drive	MSSC [d]	AM	10.1	B	10.9	B	0.8	No
		PM	10.2	B	10.8	B	0.6	
Mt. Foraker Avenue / Mt. Etna Drive	AWSC	AM	8.1	A	8.9	A	0.8	No
		PM	8.2	A	8.9	A	0.7	
Mt. Davis Avenue / Mt. Etna Drive	MSSC	AM	9.7	A	10.8	B	1.1	No
		PM	10.3	B	11.4	B	1.1	
Mt. Everest Boulevard / Mt. Etna Drive	AWSC	AM	8.6	A	9.5	A	0.9	No
		PM	9.0	A	9.6	A	0.6	
Mt. Culebra Avenue / Mt. Durban Drive	AWSC	AM	7.3	A	7.4	A	0.1	No
		PM	7.4	A	7.5	A	0.1	
Mt. Culebra Avenue / Balboa Avenue	MSSC	AM	16.4	C	17.1	C	0.7	No
		PM	16.3	C	16.4	C	0.1	
Mt. Everest Boulevard / Balboa Avenue	Signal	AM	41.8	D	43.3	D	1.5	No
		PM	57.0	E	57.9	E	0.9	

Footnotes:
[a] Average delay expressed in seconds per vehicle.
[b] Level of Service.
[c] Δ denotes the increase in delay due to Project.
[d] AWSC = All-Way Stop-Controlled intersection. Average delay reported.
[e] MSSC = Minor Street Stop-Controlled intersection. Minor street approach critical movement delay reported.

General Notes:
[1] Sig = Significant impact, yes or no.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

As shown in Table 15 above, all intersections would operate at LOS D or better with the exception of the intersection of Mt. Everest Boulevard and Balboa Avenue (Intersection #11), which is modeled to operate at LOS E under the Existing + Project Conditions traffic scenario. However, since the intersection of Mt. Everest Boulevard and Balboa Avenue (Intersection #11) currently operates at LOS E under existing conditions and the contribution of the Project's traffic volumes would not increase delay by 2 seconds or more, no significant direct traffic impact would occur. Therefore, impacts would be less than significant under Existing + Project Conditions traffic scenario.

Near Term Conditions (2022) Traffic Scenario

The Near Term Conditions traffic scenario evaluates the study area intersections in 2022, where the traffic volumes of cumulative development projects are accounted into the future baseline (refer to the TIA in Appendix H for the detailed list of cumulative projects). Under this scenario, no additional roadway network improvements were assumed as the existing roadway configurations were used. Refer to Figures 9-1 and 9-2 of the TIA in Appendix H for the visual representation of the locations of the cumulative development projects and the anticipated traffic volumes under the Near Term Conditions traffic scenario. **Table 16** summarizes the level of operation for each of the study area intersections under the Near Term Conditions traffic scenario.

As shown in Table 16, all intersections are expected to operate at LOS D or better with the exception of the following two intersections:

- Genesee Avenue and Balboa Avenue (Intersection #3) – LOS E during the AM and PM peak hours
- Mt. Everest Boulevard and Balboa Avenue (Intersection #11) – LOS E during the AM and PM peak hours

Near Term + Project Conditions (2022) Traffic Scenario

The Near Term + Project Conditions traffic scenario evaluates the study area intersections in 2022, where the effects of the Project's traffic volumes in the study area are accounted for in addition to traffic volumes generated by nearby cumulative development projects (refer to the TIA in Appendix H for the detailed list of cumulative projects). Under this scenario, no additional roadway network improvements were assumed as the existing roadway configurations were used. Refer to Figures 9-3 of the TIA in Appendix H for the visual representation of the traffic volumes generated under the Near Term + Project Conditions traffic scenario.

TABLE 16
NEAR-TERM (2022) INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Near-Term (Opening Year 2022)		Near-Term (Opening Year 2022) + Project		Delay Δ [c]	Sig?
			Delay [a]	LOS [b]	Delay	LOS		
Mt. Herbert Avenue / Genesee Avenue	Signal	AM	13.0	B	15.2	B	2.2	No
		PM	12.9	B	17.8	B	4.9	
Genesee Avenue / Mt. Etna Drive	Signal	AM	29.0	C	30.9	C	1.9	No
		PM	41.0	D	44.6	D	3.6	
Genesee Avenue / Balboa Avenue	Signal	AM	59.6	E	60.9	E	1.3	No
		PM	56.2	E	57.9	E	1.7	
Mt. Herbert Avenue / Mt. Etna Drive	AWSC [c]	AM	8.2	A	9.1	A	0.9	No
		PM	8.4	A	9.3	A	0.9	
Mt. Herbert Avenue / Mt. King Drive	MSSC [d]	AM	10.1	B	10.9	B	0.8	No
		PM	10.2	B	10.8	B	0.6	
Mt. Foraker Avenue / Mt. Etna Drive	AWSC	AM	8.1	A	8.9	A	0.8	No
		PM	8.2	A	8.9	A	0.7	
Mt. Davis Avenue / Mt. Etna Drive	MSSC	AM	9.7	A	10.8	B	1.1	No
		PM	10.3	B	11.4	B	1.1	
Mt. Everest Boulevard / Mt. Etna Drive	AWSC	AM	9.1	A	10.1	B	1.0	No
		PM	9.4	A	10.2	B	0.8	
Mt. Culebra Avenue / Mt. Durban Drive	AWSC	AM	7.3	A	7.4	A	0.1	No
		PM	7.4	A	7.5	A	0.1	
Mt. Culebra Avenue / Balboa Avenue	MSSC	AM	18.3	C	19.3	C	1.0	No
		PM	17.4	C	17.6	C	0.2	
Mt. Everest Boulevard / Balboa Avenue	Signal	AM	73.7	E	74.9	E	1.2	No
		PM	73.5	E	74.9	E	1.4	

Footnotes:
[a] Average delay expressed in seconds per vehicle.
[b] Level of Service.
[c] Δ denotes the increase in delay (in seconds) due to Project.
[d] AWSC = All-Way Stop-Controlled intersection. Average delay reported.
[e] MSSC = Minor Street Stop-Controlled intersection. Minor street critical movement delay reported.

General Notes:
[1] Sig = Significant impact, yes or no.

Source: LLG 2019

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

Table 16 above summarizes the level of operation for each of the study area intersections under the Near Term + Project Conditions traffic scenario. As shown in Table 16, all intersections are expected to operate at LOS D or better with the exception of the following two intersections:

- Genesee Avenue and Balboa Avenue (Intersection #3) – LOS E during the AM and PM peak hours
- Mt. Everest Boulevard and Balboa Avenue (Intersection #11) – LOS E during the AM and PM peak hours

However, based on City of San Diego significance criteria, because these intersections would operate at LOS E in the Near Term Conditions without the Project and the addition of the Project's traffic volumes would not increase delay by 2 seconds or more, no significant direct traffic impact would occur. Therefore, impacts would be less than significant under Near Term + Project Conditions traffic scenario.

Horizon Year (2035) Traffic Scenario

The Horizon Year (2035) traffic scenario was modeled using the SANDAG traffic forecast model, which is built based off data on existing development, future land use plans, proximity to existing job centers, past development patterns, and travel times contained in regional and local land use plans in order to predict where growth is likely to occur in the future. The Year 2035 street network includes Genesee Avenue built to its ultimate classification of a Six-Lane Major road within the study area from Balboa Avenue to Mt. Alifan Drive. Refer to the TIA contained in Appendix H for the detailed discussion of the Horizon Year (2035) roadway network conditions.

Table 17 summarizes the level of operation for each of the study area intersections under the Horizon Year (2035) traffic scenario. As shown in Table 17 below, all intersections are expected to operate at LOS D or better with the exception of the following two intersections:

- Genesee Avenue and Balboa Avenue (Intersection #3) – LOS E during the AM peak hour and LOS F during the PM peak hours
- Mt. Everest Boulevard and Balboa Avenue (Intersection #11) – LOS F during the AM and PM peak hours

TABLE 17
HORIZON YEAR 2035 INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Horizon Year 2035 Without Project		Horizon Year 2035 With Project			
			Delay [a]	LOS [b]	Delay	LOS	Delay Δ [c]	Sig?
Mt. Herbert Avenue / Genesee Avenue	Signal	AM	14.5	B	17.2	B	2.7	No
		PM	14.7	B	20.5	C	5.8	
Genesee Avenue / Mt. Etna Drive	Signal	AM	30.0	C	31.8	C	1.8	No
		PM	43.1	D	48.8	D	5.7	
Genesee Avenue / Balboa Avenue	Signal	AM	74.2	E	74.7	E	0.5	No
		PM	93.5	F	93.8	F	0.3	
Mt. Herbert Avenue / Mt. Etna Drive	AWSC [c]	AM	8.4	A	9.3	A	0.9	No
		PM	8.6	A	9.5	A	0.9	
Mt. Herbert Avenue / Mt. King Drive	MSSC [d]	AM	10.3	B	11.0	B	0.7	No
		PM	10.4	B	10.9	B	0.5	
Mt. Foraker Avenue / Mt. Etna Drive	AWSC	AM	8.3	A	9.4	A	1.1	No
		PM	8.4	A	9.2	A	0.8	
Mt. Davis Avenue / Mt. Etna Drive	MSSC	AM	9.9	A	11.1	B	1.2	No
		PM	10.7	B	11.9	B	1.2	
Mt. Everest Boulevard / Mt. Etna Drive	AWSC	AM	9.5	A	10.9	B	1.4	No
		PM	9.9	A	10.9	B	1.0	
Mt. Culebra Avenue / Mt. Durban Drive	AWSC	AM	7.4	A	7.5	A	0.1	No
		PM	7.6	A	7.7	A	0.1	
Mt. Culebra Avenue / Balboa Avenue	MSSC	AM	22.8	C	24.6	C	1.8	No
		PM	20.8	C	21.5	C	0.7	
Mt. Everest Boulevard / Balboa Avenue	Signal	AM	109.4	F	110.1	F	0.7	No
		PM	108.4	F	108.5	F	0.1	

Footnotes:
[a] Average delay expressed in seconds per vehicle.
[b] Level of Service.
[c] Δ denotes the increase in delay (in seconds) due to Project.
[d] AWSC = All-Way Stop-Controlled intersection. Average delay reported.
[e] MSSC = Minor Street Stop-Controlled intersection. Minor street critical movement delay reported.

General Notes:
[1] Sig = Significant impact, yes or no.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

Horizon Year + Project (2035) Traffic Scenario

Similar to the Horizon Year (2035) traffic scenario, the Horizon Year + Project (2035) traffic scenario was modeled using the SANDAG traffic forecast model and Horizon Year (2035) roadway network. Based on review of the Base Year 2008 and Year 2035 output volumes for the Project Site, an increase of 5 percent in traffic volumes is anticipated, which indicates that no expansion is assumed. Therefore, the Horizon Year (2035) traffic scenario uses an additive analysis, where the Project trips generation is distributed, assigned, and added to the Horizon Year roadway network.

Table 17 summarizes the level of operation for each of the study area intersections under the Horizon Year + Project (2035) traffic scenario. As shown in Table 17 above, all intersections are expected to operate at LOS D or better with the exception of the following two intersections:

- Genesee Avenue and Balboa Avenue (Intersection #3) – LOS E during the AM peak hour and LOS F during the PM peak hours
- Mt. Everest Boulevard and Balboa Avenue (Intersection #11) – LOS F during the AM and PM peak hours

However, based on City of San Diego significance criteria, because these intersections would operate at LOS E and LOS F in the Horizon Year (2035) Conditions without the Project and the addition of the Project's traffic volumes would not increase delay by 2 seconds or more, no significant cumulative impacts would occur. Therefore, impacts would be less than significant under Horizon Year + Project Conditions traffic scenario.

In summary, implementation of the Project would not result in significant traffic impacts under the Existing + Project traffic scenario, Near Term + Project (2018) Conditions traffic scenario, and the Horizon Year + Project (2035) traffic scenario. Impacts would be less than significant.

In addition to evaluating the Project's potential to affect vehicular traffic patterns, the TIA also described the existing pedestrian, bicycle, and transit facilities and services surrounding the Project Site (refer to Appendix H for the detailed description). Implementation of the Project would not directly or indirectly cause a change to these surrounding alternative transportation facilities. Therefore, impacts to alternative transportation, including pedestrian, bicycle, and transit services, would be less than significant.

b) **Less-than-Significant Impact**. In accordance with Senate Bill (SB) 743, the new CEQA Guidelines section 15064.3, subdivision (b) was adopted in December 2018 by the California Natural Resources Agency. These revisions to the CEQA Guidelines criteria for determining the significance of transportation impacts are primarily focused on projects within transit priority areas, and shifts the focus from driver delay to reduction of greenhouse gas emissions, creation of multimodal networks, and promotion of a mix of land uses. Vehicle miles traveled, or VMT, is a measure of the total number of miles

driven to or from a development and is sometimes expressed as an average per trip or per person.

The newly adopted guidance provides that a lead agency may elect to be governed by the provisions of this section immediately. Beginning on July 1, 2020, the provisions of this section shall apply statewide. The City is currently engaged in this process and has not yet formally adopted its updated transportation significance thresholds or its updated transportation impact analysis procedures. Since the regulations of SB 743 have not been finalized or adopted by the City, delay and LOS are the measures used in this IS/MND to determine the significance of transportation impacts (see impact discussion a, above).

In addition, according to the new CEQA Guidelines, generally projects within one-half mile of either an existing major transit stop or a stop along an existing high quality transit corridor should be presumed to cause a less than significant transportation impact. The Metropolitan Transit System (MTS) has a bus stop for Bus Route 41 at Genesee Avenue and Mt. Herbert Avenue, approximately 0.3 miles northeast of the Project Site. As the Proposed Project is within one-half mile of an existing major transit stop, the Proposed Project would have a less than significant impact related to CEQA Guidelines Section 15064.3.

c) **Less-than-Significant Impact.** An impact would occur if the Project substantially increases roadway hazards due to a design feature or the introduction of incompatible uses (i.e., farming equipment). The Proposed Project includes the new use of an existing driveway along Mt. Herbert Avenue, where previously this driveway was gated and locked from public use. In addition, the Project would close the existing driveway along Mt. Herbert Avenue but maintain use of all three existing driveways along Mt. Etna Drive. Since all of the driveways are existing and were designed in compliance with the City's driveway and roadway requirements, the new use of the driveway along Mt. Herbert Avenue would not result in a roadway hazard due to a design feature. In addition, the revised driveway configuration reduces conflicts at the Mt. Herbert Avenue/Mt. Etna Drive intersection. With the addition of the one-way student drop-off locations in both proposed parking lots, circulation patterns would be improved, further reducing hazards. Furthermore, implementation of the Project would not introduce incompatible uses into the surrounding roadway network. Therefore, impacts would be less than significant related to roadway hazards.

d) **Less-than-Significant Impact.** A significant impact would occur if the design of the Proposed Project would not satisfy local emergency access requirements. The Project would not conflict with the City's adopted emergency response plan/emergency plan and would include the addition of two fire lanes and access features designed to comply with the requirements of the San Diego Fire-Rescue Department. Since the Project is currently operating and is designed and required to adhere to the requirements of the applicable Fire Code, impacts related to emergency access would be less than significant.

References

Linscott, Law & Greenspan (LLG), 2019. *Transportation Impact Analysis for Muir Anderson School.* March.

Tribal Cultural Resources

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
18. Tribal Cultural Resources — Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☐	☒	☐	☐
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☒	☐	☐

Discussion

a, b) **Less-than-Significant Impact with Mitigation Incorporated.** A Sacred Lands File (SLF) search request was submitted to the California Native American Heritage commission (NAHC) on April 4, 2019. To date, no response has been received from the NAHC, but the results of the search will be included in the Final MND. Jamul Indian Village requested AB 52 consultation with the District on future projects; and consultation was initiated by the District on October 25, 2018. On November 12, 2018, the Jamul Indian Village provided a list of schools to District staff that were determined to be in sensitive areas. However, the Project Site was not included on the list provided by Jamul Indian Village. No other California Native American tribes are on the District's consultation list for AB 52. For unanticipated discoveries of tribal cultural resources, implementation of Mitigation Measure CUL-3, Unanticipated Discoveries, would mitigate impacts to less than significant. Mitigation Measure CUL-3 requires that all work immediately cease in the area (within approximately 100 feet) of the unanticipated discovery until it can be evaluated by the appropriate Native American representatives. As a result of this consultation, potential impacts to tribal cultural resources are considered to be less than significant with mitigation incorporated.

Utilities and Service Systems

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
19. UTILITIES AND SERVICE SYSTEMS — Would the project:				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	☒	☐
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☒	☐
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

Discussion

a) **Less-than-Significant Impact.** Wastewater treatment service is provided to the Project Site by the Metropolitan Sewerage System (Metro System), which is owned and operated by the City of San Diego Public Utilities Department's (PUD) Wastewater Branch (PUD 2016). Three treatment plants treat wastewater generated in the Metro System, including the North City Water Reclamation Plant (NCWRP), South Bay Water Reclamation Plant, and the Point Loma Wastewater Treatment Plant. The NCWRP currently treats the wastewater generated by the Project Site and has a treatment capacity of 24 million gallons per day (mgd) and a peak wet weather capacity of 30 mgd. In 2015, the measured wastewater collected was 16.15 mgd, which leaves an available capacity of approximately 7.85 mgd (PUD 2016).

With implementation of the Proposed Project, student capacity would be increased by approximately 359 students, from the existing capacity of 395, for a total capacity of 754. This increase in enrollment and capacity is assumed to be from students already attending schools within the District and the City of San Diego, and therefore would not represent a new source of wastewater generation within the PUD service area. Therefore, while wastewater generation would increase at the Project Site from the additional students, wastewater generation would not be greater than what currently exists within the PUD service area. In addition, wastewater generation at the Project Site would represent a fraction of a percent of the NCWRP's remaining daily treatment capacity. Consequently, the Proposed Project would not exceed the capacity of the existing wastewater treatment

provider. As such, the Proposed Project would not require the construction or expansion of water or wastewater facilities. Therefore, impacts would be less than significant.

Water service is provided to the Project Site by the PUD's Water Branch through agreements with the San Diego County Water Authority, which is a member agency of the Metropolitan Water District. According to PUD's 2015 Urban Water Management Plan, normal year water supply for 2020 will be 200,984 acre-feet per year, or approximately 179 mgd (PUD 2016). Construction of the Proposed Project would require the use of water for activities such as dust suppression and the mixing of concrete; however, any water usage during construction would be minimal and temporary. Operation of the Proposed Project would increase student enrollment at the school by 359 students for a total capacity of 754 students, compared to the school's existing student enrollment (395 students), which would result in an increase in water usage at the site. However, the increase in enrollment and capacity is assumed to be from students already attending schools within the District and the City of San Diego, and therefore would not represent a new source of water demand within the PUD service area. Therefore, while water demand would increase at the Project Site from the additional students, water demand would not be greater than what currently exists within the PUD service area. In addition, water demand increased at the Project Site would represent a fraction of a percent of the City's daily water supply. Consequently, sufficient water supplies are available to serve the Proposed Project, and impacts on water supplies would be less than significant.

As previously mentioned above in Issue 10, the Proposed Project would include the addition of a bio-retention basin east of the existing soccer field, which would reduce the rate of surface stormwater runoff. Surface runoff within the Project Site would continue to be conveyed to and serviced by the existing storm drain system, and would not require the construction or expansion of stormwater drainage facilities. Similarly, the Proposed Project would utilize existing connections for electric power, natural gas, and telecommunications facilities. As a result, impacts on the construction or expansion of stormwater drainage facilities, electric power, natural gas, or telecommunications facilities would be less than significant.

b) **Less-than-Significant Impact.** As previously mentioned above in Issue 19 (a), construction and operation of the Proposed Project would result in an increase in water demand associated with the net increase in the student capacity. While the Proposed Project would result in a net increased water demand of 3,721 gpd at the Project Site, net demand would be a fraction of the City's existing supply. Therefore, the City would have sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry, and multiple dry years, and impacts would be less than significant.

c) **Less-than-Significant Impact.** As previously mentioned above in Issue 18 (a), construction and operation of the Proposed Project would result in an increase in wastewater generation on campus. However, NCWRP is considered to have adequate remaining capacity to serve the Proposed Project in addition to NCWRP's existing commitments. Therefore, impacts would be less than significant.

d) **Less-than-Significant Impact.** The waste generated during construction of the Proposed Project would mainly consist of general construction debris (including from demolition of the existing portables) and worker personal waste. The construction contractor would be required to dispose of solid waste in accordance with local solid waste disposal requirements. Similar to existing conditions, all non-recyclable construction solid waste would be taken to the closest landfill to the Project Site, which is the Miramar Landfill, approximately 2.7 miles northeast of the Project Site. The Miramar Landfill has a permitted throughput of 8,000 tons per day, and has a remaining capacity of 11.61 million tons (CalRecycle 2014). The landfill's cease operation date is anticipated to be in the year 2025. Therefore, the landfill would have sufficient capacity to accommodate the Proposed Project's construction disposal needs.

Operation of the Proposed Project would increase student enrollment at the school from an existing capacity of 395 students to a total capacity of 754 students. The Proposed Project would primarily be accommodating students already attending schools within the District who therefore would not represent a substantial new source of solid waste generation within City's service area, even though student enrollment and capacity is increased at the Project Site. Nevertheless, the increase of solid waste at the Project Site would represent a fraction of the landfill's remaining capacity. In addition, the City would be required to maintain a 50 percent diversion rate required by the state for all solid waste generated. The solid waste generated by the Proposed Project would place a minimal burden on the City with the required diversion rate. Therefore, the Proposed Project would not generate solid waste in excess of State or local standards, or in excess of the capacity of the Miramar Landfill, or otherwise impair the attainment of solid waste reduction goals. As a result, impacts would be less than significant.

e) **Less-than-Significant Impact.** As previously mentioned, the Proposed Project would be served by a permitted landfill that would be capable of accommodating the school's solid waste. During construction, non-recyclable solid waste would be taken to a permitted landfill. During operation, solid waste would continue to be accepted by waste haulers and landfill operators. In addition, the City would be required to maintain a 50 percent diversion rate required by the state for all solid waste generated. The solid waste generated by the Proposed Project would place a minimal burden on the City with the required diversion rate. The school would continue to comply with federal, state, and local regulations and reduction statutes related to solid waste. Therefore, impacts would be less than significant.

References

California Department of Resources Recycling and Recovery (CalRecyle). 2014. Facility Site Summary Details: West Miramar Sanitary Landfill. Available at http://www.calrecycle.ca.gov/SWFacilities/Directory/37-AA-0020/Detail/. Accessed October 2018.

City of San Diego Public Utilities Department (PUD). 2015. Sewer Design Guide. Available at https://www.sandiego.gov/sites/default/files/legacy/mwwd/pdf/sewerdesign.pdf. Accessed October 2018

City of San Diego Public Utilities Department (PUD). 2016. City of San Diego 2015 Urban Water Management Plan (UWMP), Final. June. Available: https://www.sandiego.gov/sites/default/files/2015_uwmp_report.pdf. Accessed: October, 2018.

San Diego Unified School District (District). 2018. Scripps Mesa Joint Occupancy Project Final Environmental Impact Report.

Wildfire

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
20. WILDFIRE — If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☒	☐
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☒	☐
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☒	☐

Discussion

a) **Less-than-Significant Impact**. The Project Site is within a developed urban area that has not been identified as a wildland fire hazard area. According to the CAL FIRE VHFHSZ in Local Responsibility Area Map, the Project Site is not located within a fire hazard severity zone (CAL FIRE 2009). While open space areas, which are considered a wildfire risk, are located in proximity (Tecolote Canyon Natural Park), all Project activities would occur within the already developed school property. As previously discussed above in Issue 9 (f), current access to the Project Site for emergency vehicles is provided from the existing parking lot and along Mt. Herbert Avenue through a locked emergency access gate. Construction activities would occur within the Project Site but would not restrict access for emergency vehicles traveling to the school due to the phasing of construction. After construction of the Project, emergency access would be provided through the reconfigured existing parking lot and the new staff parking lot, with two additional fire lanes at the north and south of the Project Site. As a result, implementation of the Proposed Project would not substantially impair an adopted emergency response plan or emergency evacuation plan, and impacts are considered to be less than significant.

b) **Less-than-Significant Impact**. As detailed above in 20 (a), the Project Site is within a developed urban area that has not been identified as a wildland fire hazard area. According to the CAL FIRE VHFHSZ in Local Responsibility Area Map, the Project Site is not located within a fire hazard severity zone (CAL FIRE 2009). While the Project Site itself is relatively level, the surrounding topography slopes downward to the east. Mt. Herbert Avenue to the west and Mt. Laudo Drive (and adjacent residences) to the south are topographically higher than the Project Site, and Mt. Etna Neighborhood Park to the east is topographically lower than the Project Site. While construction include materials

that are considered flammable, such as fuels and household cleaners, the handling and storage of such materials would be conducted in accordance to applicable regulations. In addition, the Proposed Project would be designed and constructed in accordance with the California Fire Code. After completion of construction, the modernization activities would not change the ongoing operations at the school. The Proposed Project would occur on an existing developed school site, and would not exacerbate wildfire risks, and would not expose people to pollutant concentrations for a wildfire or the spread of a wildfire. Therefore, impacts would be less than significant.

c) **Less-than-Significant Impact**. Construction of the Proposed Project would utilize existing infrastructure, including roads, water sources, and power lines surrounding the Project Site. Infrastructure is already established in the area, and would not exacerbate fire risk at the Project Site. Thus, impacts would be less than significant.

d) **Less-than-Significant Impact**. The Project Site contains relatively flat topography and "marginally susceptible" to landslides. However, based on a geotechnical evaluation of the Project Site, evidence of landslides or slope instabilities were not observed at the Project Site (Kleinfelder 2018). In addition, the Project Site is not located within a flood hazard zone. As detailed above in Issue 10, construction of the Proposed Project would not result in significant impacts on the existing drainage pattern due to implementation of BMPs that would minimize flooding and runoff. After the completion of construction, drainage patterns would be restored to existing conditions. Drainage for the site would continue to be serviced by the existing storm drain system. Therefore, the Proposed Project would not expose people or structures to significant risk including downstream flooding or landslides as a result of runoff, post-fire slope stability, or drainage changes, and impacts would be less than significant.

References

California Department of Forestry and Fire Protection (CAL FIRE). 2009. San Diego Very High Fire Hazard Severity Zones in LRA.

Kleinfelder. 2018. Geotechnical Report TK Relocate Classroom John Muir Elementary School 4431 Mt. Herbert Avenue, San Diego, California Kleinfelder Project No. 20182952.001A

Mandatory Findings of Significance

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
21. MANDATORY FINDINGS OF SIGNIFICANCE —				
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b) Does the project have impacts that are individually limited but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☐	☒	☐	☐
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐

Discussion

a) **Less-Than-Significant Impact with Mitigation Incorporated.** As discussed above in Issue 4, the Project Site is developed as an operating school with a majority of the campus paved or graded, with shade trees throughout. Implementation of the Proposed Project would require the removal of 19 trees, which provide suitable nesting habitat for migratory birds and urban-adapted raptors. With implementation of Mitigation Measure BIO-1, potential impacts to nesting birds and raptors would be less than significant. No state or federally protected wetlands are present at the Project Site, and the Proposed Project would not interfere with the movement of wildlife and/or wildlife corridors. With implementation of mitigation measures, the Project would not result in impacts on biological resources that would have potential to degrade the quality of the environment, substantially reduce the habitat of fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or substantially reduce the number or restrict the range of rare or endangered plants or animals. In addition, as discussed in Issue 5, the Proposed Project would not eliminate important examples of the major periods of California history or prehistory with implementation of Mitigation Measure CUL-1 through CUL-3. Therefore, impacts would be less than significant with mitigation incorporated.

b) **Less-Than-Significant Impact with Mitigation Incorporated.** A cumulative impact would occur if the Proposed Project would result in an incrementally considerable contribution to a significant cumulative impact in consideration of past, present, and reasonably foreseeable future projects for each resource area. As indicated above, there are a number of environmental issues areas for which the Project would have no impact.

These issues include agricultural and forestry resources, groundwater, hazards and hazardous materials, land use, mineral resources, population and housing, airport noise, public services, and utilities. For these issue areas, as the Proposed Project would have no impact, the Proposed Project would also not contribute to a cumulatively significant impact. The Proposed Project would result in a less than significant impact in certain environmental issue areas (construction air quality, biological resources, cultural resources, and noise) but because of the location and nature of the Proposed Project, the Proposed Project would not contribute to a cumulatively significant impact. However, the Proposed Project could contribute to cumulatively significant impacts when considered together with other past, present, or reasonably foreseeable future projects in the vicinity of the Muir at Anderson School for those areas in which a potentially significant impact has been identified. However, with implementation of Mitigation Measures AIR-1 and AIR-2, BIO-1, CUL-1 through CUL-3, GEO-1 through GEO-4, and NOI-1 and NOI-2, the Proposed Project would be reduced to less than significant impacts. With implementation of mitigation measures, the Project would not result in an incrementally considerable contribution to a significant cumulative impact. Therefore, with implementation of mitigation measures, a less than significant cumulative impact would occur.

c) **Less-Than-Significant Impact with Mitigation Incorporated**. As discussed above, all identified potential impacts associated with the Proposed Project would be reduced to less than significant with implementation of mitigation measures. No direct or indirect significant and unavoidable impacts would occur with implementation of the Proposed Project. As a result, the Proposed Project would not cause a substantial adverse effect on human beings, either directly, or indirectly, with implementation of mitigation measures.

Appendix A
Air Quality Worksheets

ESA

Air Quality Appendix

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    e. Mitigated School Risk
    f. AERMOD Output

1. Assumptions

Muri School Project
Assumptions

CalEEMod Inputs (Non-Default information only)

Project Location		
County	San Diego	
Air District	SCAQMD	
Climate Zone	13	
Construction Year - Phase 1	2020	
Operational Year - Phase 1	2021	
Construction Year - Phase 2	2021	
Operational Year - Phase 2	2022	
Construction Year - Phase 3	2022	
Operational Year - Phase 3	2023	construction ends in december 2022 therefore op starts in 2023
Utility Provider	SDG&E	
Source Receptor Area (SCAQMD)	N/A	
EMFAC	2017	CalEEMod updated to EMFAC 2017 for Operation
		Mobile sources for Construction modeled outside of CalEEMod

	Base (2009)[1,2]	2017[3]	2020[4]	2030[4]
CO intensity	720	475.2	475.2	432
% renewable	10%	44.00%	44.00%	50.00%

[1] Table 1.2, CalEEMod 2017 User Guide Appendix D

[2] CEC 2009 SDG&E Power Content Label

[3] CEC 2017 SCE Power Content Label

[4] CEC 2019 - Renewables Portfolio Standard (RPS); https://www.energy.ca.gov/portfolio/

Note that since SDG&E already exceeds the 33% RPS scenario in 2017 it is conservately assumed it would remain at 44% through 2020 although it will more than likely increase incramentally since the 2030 requirement is 50 percent.

Muri School Project
Assumptions

Land Use		Building SQFT	Building KFS	Spaces/ students	Acres	
Existing (only includes those uses to be re-developed)						
Phase 1						
	hardscape				1.50	demolished
Phase 2						
	hardscape/parking			13	1.00	demolished
	elementary school	960	0.96		0.05	demolished
Phase 3						
	elementary school	6,720	6.72		0.28	demolished
	hardscape				0.65	demolished
Total		7,680	7.68	13	3.48	demolished
New Development						
Phase 1						
	elementary school	26,000	26.00	520	1.10	built
	hardscape				1.60	added
Phase 2						
	elementary school	7,700	7.70		0.18	built
	hardscape/landscaping				0.52	concrete added
	parking			13	0.30	parking lot added
Phase 3						
	parking/landscaping			44	1.00	added
Total		33,700	33.70	57 / 520	4.70	

Note: Total site acreage is 10

Muri School Project
Assumptions

Construction

Construction Schedule Source: CalEEMod defaults

Task Name	Start	End	Days
Phase 1	6/1/2020	6/30/2021	
Demolition	6/1/2020	6/26/2020	20
Site Preparation	6/27/2020	7/1/2020	3
Grading	7/2/2020	7/9/2020	6
Building Construction	7/10/2020	5/13/2021	220
Paving	5/14/2021	5/27/2021	10
Architectural Coating	5/28/2021	6/10/2021	10
Phase 2	7/1/2021	6/30/2022	
Demolition	7/1/2021	8/11/2021	30
Grading	8/12/2021	8/19/2021	6
Building Construction	9/1/2021	5/3/2022	150
Paving	9/1/2021	9/7/2021	5
Architectural Coating	5/1/2022	5/6/2022	5
Phase 3			
Demolition	7/1/2022	11/3/2022	90
Grading	11/4/2022	11/8/2022	6
Paving	11/12/2022	11/25/2022	10

Notes:

1 Assumes overlap of the following phases for flexibility in re-development

Phase 1

A: Building construction, paving/hardscape, architectural coating.

Phase 2

B: Building construction, paving/hardscape, architectural coating.

Phase 3

No overlaps in this phase

2 Days and dates for sub construction phases may not equal the total construction phase timeline. This is because timing for individual phases are based on CalEEMod defaults and it leaves time in the schedule for weather or other scheduling issues.

2. Construction Timing

Allowable Hours: Source: Project Description

Mon-Fri 7 am to 7 pm

Muri School Project
Assumptions

3. Soil Import/export Assumed all cut and fill is balanced onsite

4. Demolition Information Source:

1 Project Specific Small Scale Plot Plan
2 CalEEMod user guide Appendix A pg 13
3 Google Earth
4 City of San Diego Construction & Demolition Debris Conversion Rate Table, 5/21/08

	Phase 1	Phase 2	Phase 3
sqft building demolished	0	960	6,720
tons per square foot[2]	0.046	0.046	0.046
tons of building debris	0	44	309
square feet of asphalt to be demolished[3]	65,340	43,560	28,314
depth in feet of existing asphalt	0.5	0.5	0.5
cubic yards to be demolished	1,210	807	524
tons per cubic yard[4]	0.7	0.7	0.7
tons of asphalt debris	847	565	367
Total tons of debris	847	609	676

6. Construction Vehicles Source: CalEEMod Defaults

Phase 1	Worker Trips (per day)	Vendor Trips (per day)	Haul Trips (total)
Demolition	13	0	84
Site Preparation	8	0	0
Grading	10	0	0
Building Construction	40	16	0
Paving	15	0	0
Architectural Coating	8	0	0
Phase 2			
Demolition	13	0	60
Grading	8	0	0
Building Construction	15	6	0
Paving	13	0	0
Architectural Coating	3	0	0
Phase 3			
Demolition	13	0	67
Grading	8	0	0
Paving	13	0	0
Trip Length (miles/trip)	10.8	7.3	20

Note: CalEEMod was updated to use EMFAC2017 emission factors and fleet mix.

Muri School Project
Assumptions

7. Construction Equipment by Construction Phase Source: CalEEMod Defaults

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase 1					
Architectural Coating	Air Compressors	1	6	78	0.48
Building Construction	Cranes	1	8	231	0.29
Building Construction	Forklifts	2	7	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/ Backhoes	1	6	97	0.37
Building Construction	Welders	3	8	46	0.45
Demolition	Concrete/Industria l Saws	1	8	81	0.73
Demolition	Rubber Tired Dozers	1	8	247	0.4
Demolition	Tractors/Loaders/ Backhoes	3	8	97	0.37
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Tractors/Loaders/ Backhoes	2	7	97	0.37
Paving	Cement and Mortar Mixers	1	8	9	0.56
Paving	Pavers	1	8	130	0.42
Paving	Paving Equipment	1	8	132	0.36
Paving	Rollers	2	8	80	0.38
Paving	Tractors/Loaders/ Backhoes	1	8	97	0.37
Site Preparation	Graders	1	8	187	0.41
Site Preparation	Scrapers	1	8	367	0.48
Site Preparation	Tractors/Loaders/ Backhoes	1	7	97	0.37

Muri School Project

Assumptions

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase 2					
Architectural Coating	Air Compressors	1	6	78	0.48
Building Construction	Cranes	1	6	231	0.29
Building Construction	Forklifts	1	6	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/ Backhoes	1	6	97	0.37
Building Construction	Welders	3	8	46	0.45
Demolition	Concrete/Industria l Saws	1	8	81	0.73
Demolition	Rubber Tired Dozers	1	8	247	0.4
Demolition	Tractors/Loaders/ Backhoes	3	8	97	0.37
Grading	Graders	1	6	187	0.41
Grading	Rubber Tired Dozers	1	6	247	0.4
Grading	Tractors/Loaders/ Backhoes	1	7	97	0.37
Paving	Cement and Mortar Mixers	1	6	9	0.56
Paving	Pavers	1	6	130	0.42
Paving	Paving Equipment	1	8	132	0.36
Paving	Rollers	1	7	80	0.38
Paving	Tractors/Loaders/ Backhoes	1	8	97	0.37
Phase 3					
Demolition	Concrete/Industria l Saws	1	8	81	0.73
Demolition	Rubber Tired Dozers	1	8	247	0.4
Demolition	Tractors/Loaders/ Backhoes	3	8	97	0.37
Grading	Graders	1	6	187	0.41
Grading	Rubber Tired Dozers	1	6	247	0.4
Grading	Tractors/Loaders/ Backhoes	1	7	97	0.37
Paving	Cement and Mortar Mixers	1	6	9	0.56
Paving	Pavers	1	6	130	0.42
Paving	Paving Equipment	1	8	132	0.36
Paving	Rollers	1	7	80	0.38
Paving	Tractors/Loaders/ Backhoes	1	8	97	0.37

Muri School Project
Operational Assumptions

Mobile source emissions Source: Project Specific Traffic Study

Existing: Not Modeled as it doesn't change

Project:

	Students	Trips	trips per ksf
Kindergarden	36	180	
Elementary	226	665	
Junior High	97	136	
Total	359	981	29.11

Note: CalEEMod updated to EMFAC2017 values for fleet mix and vehicle emission rates

Area source emissions

Defaults Used

Water and Wastewater

Source: Utilities Section

Existing (removed):	307	gallons per day
	112,128	gallons per year
Project:	1,348	gallons per day
	492,020	gallons per year

*conservately assumes all water is indoor use

Information in the Utilities Section is based on City of San Diego PUD Sewer Design Guide, schools generate approximately 0.04 gallons per day (gpd) of wastewater per square foot (District 2018).

% septic	% Aerobic	% Lagoon	
10.33	87.46	2.21	Default
0	97.54	2.46	Revised

*No septic onsite

Muri School Project
Operational Assumptions

Solid Waste

Source Utilities Section

Existing (removed): 12 Tons per year
Project: 51 Tons per year

Information in Utilities Seciton is base on City of San Diego's Guidelines for a Waste Management Plan, the average waste generation rate for solid waste generated during ongoing use of a site is approximately 3 pounds per square foot.

Stationary Sources

None

Energy Use

Electricity Defaults Used and adjusted for Title 24 changes.
Natural Gas Defaults Used and adjusted for Title 24 changes.

CalEEMod currently uses Title 24 efficiency standards. The project will be built post 2019 therefore as a conservative estimate of T24 efficiencies required, the emission factors are updated to account for the inclusion of 2019 Title 24 standards. Because the project was built prior to 2016 and the exact nature of potential updates is unknown, the analysis conservatively assumes 2013 factors for Existing land uses.

% reduction between 2016 T24 (CalEEMod Default) and 2013 and 2019 Title 24

	T24 Electricity	**Lighting**	**T24 NG**
Non-Residential 2013	-5%	-10%	-5%
Non-Residential 2019	30%	0%	30%

Default

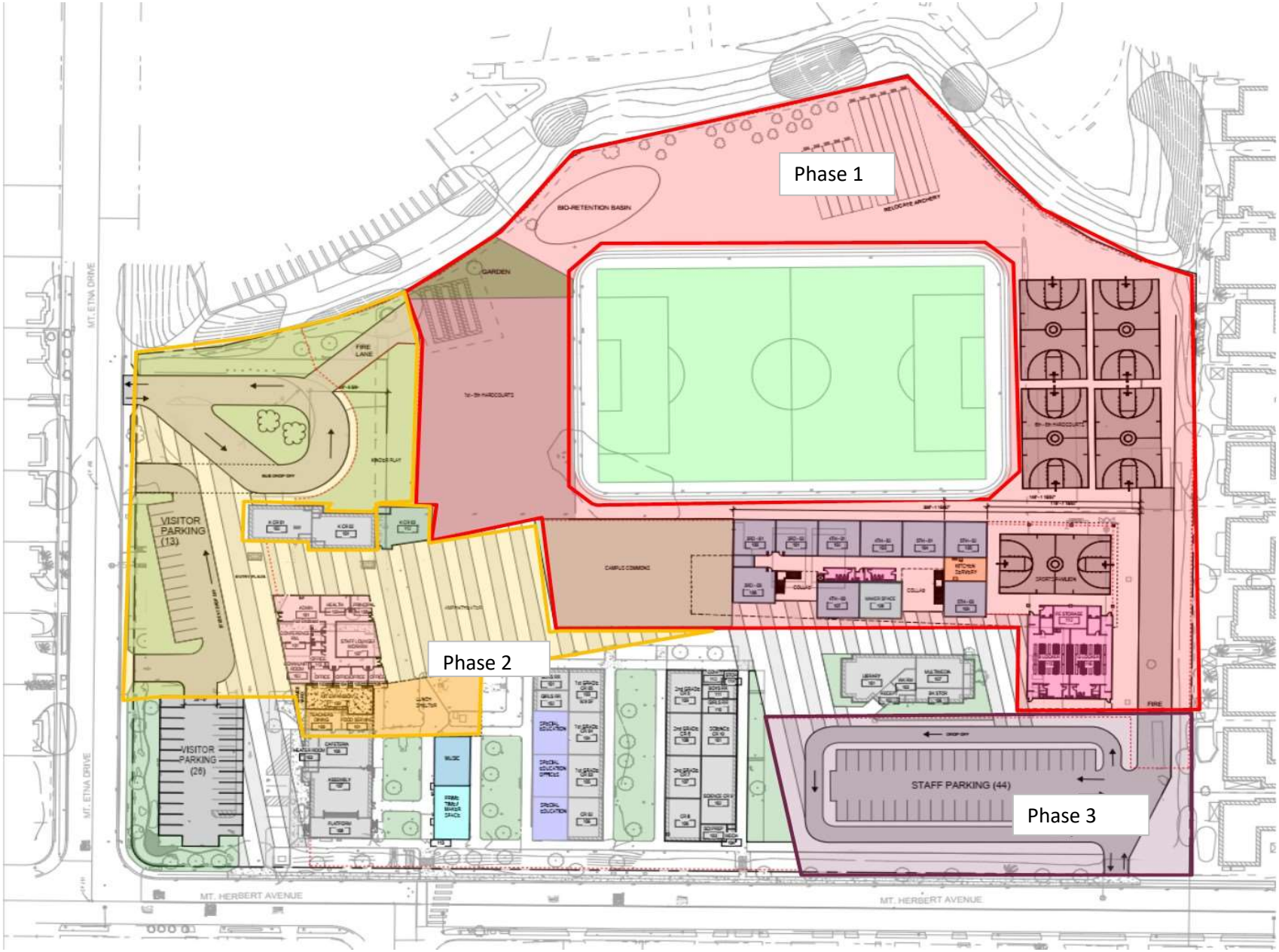
	T24 Electricity	**Lighting**	**T24 NG**
Elementary School	1.52	2.54	5.44

Revised

	Existing			Project		
	T24E	**Lighting**	**T24 NG**	**T24E**	**Lighting**	**T24 NG**
Elementary School	1.596	2.794	5.712	1.064	2.54	3.808

Muri School Project

Project Phasing



2. Unmitigated Construction Emissions

Muri School Project

Maximum Daily Unmitigated Construction Emissions

CalEEMod	2016.3.2	Title: MUIR School - Phase 1 - Construction Only	Date:	3/31/2019
		MUIR School - Phase 2 - Construction Only		3/31/2019
		MUIR School - Phase 3 - Construction Only		3/28/2019
EMFAC	2017	Moile Construction Emissions Spreadsheet	Date:	3/29/2019

Unmitigated - Construction

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		Max Daily (lbs/day)					
Phase 1 - 2020							
Demolition	Total	2	23	15	<1	2	1
Site Preparation	Total	2	20	11	<1	2	1
Grading	Total	2	21	10	<1	8	4
Building Construction	Total	2	19	16	<1	1	1
Phase 1 - 2021							
Building Construction	Total	2	19	16	<1	1	1
Paving	Total	1	11	12	<1	1	1
Architectural Coating	Total	65	2	2	<1	<1	<1
Phase 2 - 2021							
Demolition	Total	2	20	15	<1	2	1
Grading	Total	1	14	6	<1	5	3
Building Construction	Total	2	14	13	<1	1	1
Paving	Total	1	8	9	<1	1	<1
Phase 2 - 2022							
Building Construction	Total	2	14	13	<1	1	1
Architectural Coating	Total	40	1	2	<1	<1	<1
Phase 3 - 2022							
Demolition	Total	2	17	14	<1	2	1
Grading	Total	1	12	6	<1	5	3
Paving	Total	1	7	9	<1	<1	<1
Maximum Emissions by Project Phase							
Phase 1	Total	65	23	16	<1	8	4
Phase 2	Total	40	20	15	<1	5	3
Phase 3	Total	2	17	14	<1	5	3
Overlaps by Construction Subphase							
Phase 1	Total	69	31	30	<1	2	2
Phase 2	Total	43	23	24	<1	1	1
Max By Year							
2020	Total	2	23	16	<1	8	4
2021	Total	69	31	30	<1	5	3
2022	Total	43	23	24	<1	5	3
	Threshold	75	250	550	520	100	55
	Exceed Threshold?	No	No	No	No	No	No

Muri School Project

Maximum Daily Unmitigated Construction Emissions

Unmitigated - Construction

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		(lbs/day)									
Phase 1 - 2020											
Demolition	Total	2.20886	22.8906	15.3485	0.03091	1.18147	1.18398	2.36545	0.21035	1.09746	1.30781
	Onsite	2.1262	20.9463	14.6573	0.0241	0.9176	1.1525	2.0701	0.139	1.0761	1.2151
	Offsite	0.08	1.94	0.69	0.01	0.26	0.03	0.30	0.07	0.02	0.09
Site Preparation	Total	1.65601	19.9359	11.4507	0.02509	1.65644	0.77747	2.43391	0.1892	0.71524	0.90444
	Onsite	1.65	19.92	11.27	0.02	1.59	0.78	2.37	0.17	0.71	0.89
	Offsite	0.00	0.02	0.18	0.00	0.07	0.00	0.07	0.02	0.00	0.02
Grading	Total	1.92679	21.3622	10.1642	0.02134	6.63435	0.99066	7.62501	3.38925	0.91143	4.30068
	Onsite	1.92	21.34	9.94	0.02	6.55	0.99	7.54	3.37	0.91	4.28
	Offsite	0.00	0.02	0.23	0.00	0.08	0.00	0.08	0.02	0.00	0.02
Building Construction	Total	2.36659	18.6061	16.1133	0.03141	0.43613	0.97187	1.408	0.11803	0.92865	1.04668
	Onsite	2.29	17.43	14.90	0.03	0.00	0.95	0.95	0.00	0.91	0.91
	Offsite	0.08	1.17	1.22	0.01	0.44	0.02	0.46	0.12	0.02	0.14
Phase 1 - 2021											
Building Construction	Total	2.36659	18.6061	16.1133	0.03141	0.43613	0.97187	1.408	0.11803	0.92865	1.04668
	Onsite	2.29	17.43	14.90	0.03	0.00	0.95	0.95	0.00	0.91	0.91
	Offsite	0.08	1.17	1.22	0.01	0.44	0.02	0.46	0.12	0.02	0.14
Paving	Total	1.48983	10.6784	12.1186	0.01891	0.12307	0.58329	0.70637	0.03263	0.53774	0.57036
	Onsite	1.48	10.65	11.78	0.02	0.00	0.58	0.58	0.00	0.54	0.54
	Offsite	0.01	0.03	0.34	0.00	0.12	0.00	0.12	0.03	0.00	0.03
Architectural Coating	Total	65.3237	1.54311	2.00055	0.00356	0.06564	0.09447	0.16011	0.0174	0.09444	0.11184
	Onsite	65.32	1.53	1.82	0.00	0.00	0.09	0.09	0.00	0.09	0.09
	Offsite	0.00	0.02	0.18	0.00	0.07	0.00	0.07	0.02	0.00	0.02
Phase 2 - 2021											
Demolition	Total	2.0259	20.4731	14.9286	0.02757	0.61634	1.05282	1.66915	0.11402	0.97926	1.09328
	Onsite	1.99	19.70	14.49	0.02	0.44	1.04	1.48	0.07	0.97	1.04
	Offsite	0.03	0.78	0.44	0.00	0.18	0.01	0.19	0.05	0.01	0.06
Grading	Total	1.29184	14.3449	6.49944	0.01467	4.71474	0.63825	5.35299	2.5144	0.58722	3.10162
	Onsite	1.29	14.33	6.33	0.01	4.65	0.64	5.29	2.50	0.59	3.08
	Offsite	0.00	0.01	0.17	0.00	0.07	0.00	0.07	0.02	0.00	0.02
Building Construction	Total	1.83681	14.0203	13.3155	0.02444	0.16355	0.69158	0.85513	0.04426	0.66675	0.71101
	Onsite	1.81	13.64	12.90	0.02	0.00	0.68	0.68	0.00	0.66	0.66
	Offsite	0.02	0.38	0.42	0.00	0.16	0.01	0.17	0.04	0.01	0.05
Paving	Total	1.21093	7.77277	9.19992	0.01461	0.12307	0.41599	0.53907	0.03263	0.38364	0.41626
	Onsite	1.20	7.74	8.86	0.01	0.00	0.42	0.42	0.00	0.38	0.38
	Offsite	0.01	0.03	0.34	0.00	0.12	0.00	0.12	0.03	0.00	0.03
Phase 2 - 2022											
Building Construction	Total	1.83681	14.0203	13.3155	0.02444	0.16355	0.69158	0.85513	0.04426	0.66675	0.71101
	Onsite	1.81	13.64	12.90	0.02	0.00	0.68	0.68	0.00	0.66	0.66
	Offsite	0.02	0.38	0.42	0.00	0.16	0.01	0.17	0.04	0.01	0.05
Architectural Coating	Total	39.7678	1.41384	1.87661	0.00318	0.02461	0.08183	0.10645	0.00653	0.08182	0.08835
	Onsite	39.77	1.41	1.81	0.00	0.00	0.08	0.08	0.00	0.08	0.08
	Offsite	0.00	0.01	0.06	0.00	0.02	0.00	0.02	0.01	0.00	0.01

Muri School Project

Maximum Daily Unmitigated Construction Emissions

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		(lbs/day)									
		Phase 3 - 2022									
Demolition	Total	1.7058	17.1145	14.3118	0.02685	1.62367	0.8431	2.46677	0.26443	0.78574	1.05018
	Onsite	1.69	16.62	13.96	0.02	1.46	0.84	2.30	0.22	0.78	1.00
	Offsite	0.02	0.49	0.35	0.00	0.16	0.01	0.16	0.04	0.00	0.05
Grading	Total	1.0862	12.0171	6.08943	0.01466	4.97994	0.51763	5.49757	2.543	0.47621	3.01921
	Onsite	1.08	12.00	5.94	0.01	4.91	0.52	5.43	2.53	0.48	3.00
	Offsite	0.00	0.01	0.15	0.00	0.07	0.00	0.07	0.02	0.00	0.02
Paving	Total	1.21658	6.79411	9.05533	0.0144	0.10666	0.34794	0.4546	0.02828	0.321	0.34927
	Onsite	1.21	6.77	8.81	0.01	0.00	0.35	0.35	0.00	0.32	0.32
	Offsite	0.00	0.02	0.25	0.00	0.11	0.00	0.11	0.03	0.00	0.03

Muri School Project

Maximum Daily Unmitigated Construction Emissions

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		(lbs/day)									
		Phase 1									
Demolition	Fugitive Dust					0.9176	0	0.9176	0.139	0	0.139
2020	Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761
	Hauling	0.08	1.92	0.39	0.01	0.16	0.03	0.19	0.04	0.02	0.06
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.03	0.30	0.00	0.11	0.00	0.11	0.03	0.00	0.03
Site Preparation	Fugitive Dust					1.5908	0	1.5908	0.1718	0	0.1718
2020	Off-Road	1.6521	19.9196	11.2678	0.0245		0.7771	0.7771		0.7149	0.7149
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.02	0.18	0.00	0.07	0.00	0.07	0.02	0.00	0.02
Grading	Fugitive Dust					6.5523	0	6.5523	3.3675	0	3.3675
2020	Off-Road	1.9219	21.3418	9.9355	0.0206		0.9902	0.9902		0.911	0.911
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.0048868	0.0203824	0.2286827	7.38E-04	0.082049	4.62E-04	0.0825109	0.0217503	4.25E-04	0.0221757
Building Construction	Fugitive Dust										
2020, 2021	Off-Road	2.2879	17.4336	14.8972	0.025		0.9482	0.9482		0.9089	0.9089
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0.059142	1.0910059	0.3013836	3.46E-03	0.1079373	2.18E-02	0.1297611	0.031029	1.80E-02	0.0490735
	Worker	0.0195471	0.0815297	0.9147308	2.95E-03	0.3281959	1.85E-03	0.3300435	0.087001	1.70E-03	0.0887029
Paving	Off-Road	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371
2021	Paving	0.4192					0	0		0	0
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.0073302	0.0305737	0.343024	1.11E-03	0.1230735	6.93E-04	0.1237663	0.0326254	6.38E-04	0.0332636
Architectural Coating	Arch. Coating	65.1009					0	0		0	0
2021	Off-Road	0.2189	1.5268	1.8176	2.97E-03		0.0941	0.0941		0.0941	0.0941
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.0039094	0.0163059	0.1829462	5.90E-04	0.0656392	3.70E-04	0.0660087	0.0174002	3.40E-04	0.0177406

Muri School Project

Maximum Daily Unmitigated Construction Emissions

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		(lbs/day)									
		Phase 2									
Demolition	Fugitive Dust					0.4398	0	0.4398	0.0666	0	0.0666
2021	Off-Road	1.993	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715
	Hauling	0.03	0.75	0.16	0.00	0.07	0.01	0.08	0.02	0.01	0.03
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.02	0.27	0.00	0.11	0.00	0.11	0.03	0.00	0.03
Grading	Fugitive Dust					4.6491	0	4.6491	2.497	0	2.497
2021	Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.0034381	0.0142357	0.16804	5.73E-04	0.0656392	3.52E-04	0.0659915	0.0174002	3.24E-04	0.0177247
Building Construction	Fugitive Dust										
2021, 2022	Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0.0178631	0.3575298	0.101066	1.27E-03	0.0404771	6.62E-03	0.0470985	0.0116361	5.34E-03	0.0169787
	Worker	0.0064464	0.0266919	0.315075	1.07E-03	0.1230735	6.61E-04	0.123734	0.0326254	6.08E-04	0.0332337
Paving	Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.383	0.383
2021	Paving	0.4297					0	0		0	0
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.0055869	0.023133	0.273065	9.32E-04	0.1066637	5.72E-04	0.1072361	0.0282753	5.27E-04	0.0288026
Architectural Coating	Arch. Coating	39.562					0	0		0	0
2022	Off-Road	0.2045	1.4085	1.8136	2.97E-03		0.0817	0.0817		0.0817	0.0817
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.0012893	0.0053384	0.063015	2.15E-04	0.0246147	1.32E-04	0.0247468	0.0065251	1.22E-04	0.0066467

Muri School Project

Maximum Daily Unmitigated Construction Emissions

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		(lbs/day)									
		Phase 3									
Demolition	Fugitive Dust					1.4646	0	1.4646	0.2218	0	0.2218
2022	Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829
	Hauling	0.0120242	0.472499	0.1020021	1.85E-03	0.0524057	4.66E-03	0.0570686	1.44E-02	2.35E-03	1.67E-02
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.004875	0.0203054	0.2493299	9.03E-04	0.1066637	5.41E-04	0.1072044	0.0282753	4.98E-04	0.0287733
Grading	Fugitive Dust					4.9143	0	4.9143	2.5256	0	2.5256
2022	Off-Road	1.0832	12.0046	5.936	0.0141		0.5173	0.5173		0.4759	0.4759
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.003	0.0124956	0.1534338	5.56E-04	0.0656392	3.33E-04	0.0659719	0.0174002	3.06E-04	0.0177066
Paving	Off-Road	0.6877	6.7738	8.806	0.0135		0.3474	0.3474		0.3205	0.3205
2022	Paving	0.524					0	0		0	0
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.004875	0.0203054	0.2493299	9.03E-04	0.1066637	5.41E-04	0.1072044	0.0282753	4.98E-04	0.0287733

Muri School Project

Maximum Daily Unmitigated Construction Emissions

Inputs for Health Risk

Phase	Start	End	# days	lbs/day PM10
Phase 1				
Demolition	6/1/2020	6/26/2020	20	1.1525
Site Preparation	6/27/2020	7/1/2020	3	0.7771
Grading	7/2/2020	7/9/2020	6	0.9902
Building Construction	7/10/2020	5/13/2021	220	0.9482
Paving	5/14/2021	5/27/2021	10	0.5826
Architectural Coating	5/28/2021	6/10/2021	10	0.0941
Phase 2				
Demolition	7/1/2021	8/11/2021	30	1.0409
Grading	8/12/2021	8/19/2021	6	0.6379
Building Construction	9/1/2021	5/3/2022	150	0.6843
Paving	9/1/2021	9/7/2021	5	0.4153
Architectural Coating	5/1/2022	5/6/2022	5	0.0817
Phase 3				
Demolition	7/1/2022	11/3/2022	90	0.8379
Grading	11/4/2022	11/8/2022	6	0.5173
Paving	11/12/2022	11/25/2022	10	0.3474

3. Mitigated Construction Emissions

Muri School Project

Maximum Daily Mitigated Construction Emissions - Required for Health Risk

CalEEMod	2016.3.2	Title: MUIR School - Phase 1 - Construction Only	Date:	3/31/2019
		MUIR School - Phase 2 - Construction Only		3/31/2019
		MUIR School - Phase 3 - Construction Only		3/28/2019
EMFAC	2017	Moile Construction Emissions Spreadsheet	Date:	3/29/2019

Unmitigated - Construction

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		Max Daily (lbs/day)					
Phase 1 - 2020							
Demolition	Total	<1	3	15	<1	1	<1
Site Preparation	Total	<1	1	12	<1	1	<1
Grading	Total	<1	1	11	<1	3	1
Building Construction	Total	<1	2	8	<1	<1	<1
Phase 1 - 2021							
Building Construction	Total	<1	2	8	<1	<1	<1
Paving	Total	1	1	14	<1	<1	<1
Architectural Coating	Total	65	<1	2	<1	<1	<1
Phase 2 - 2021							
Demolition	Total	<1	2	15	<1	<1	<1
Grading	Total	<1	1	7	<1	2	1
Building Construction	Total	<1	1	5	<1	<1	<1
Paving	Total	1	1	10	<1	<1	<1
Phase 2 - 2022							
Building Construction	Total	<1	1	5	<1	<1	<1
Architectural Coating	Total	40	<1	2	<1	<1	<1
Phase 3 - 2022							
Demolition	Total	<1	2	15	<1	1	<1
Grading	Total	<1	1	7	<1	2	1
Paving	Total	1	1	10	<1	<1	<1
Maximum Emissions by Project Phase							
Phase 1	Total	65	3	15	<1	3	1
Phase 2	Total	40	2	15	<1	2	1
Phase 3	Total	1	2	15	<1	2	1
Overlaps by Construction Subphase							
Phase 1	Total	66	3	23	<1	0	0
Phase 2	Total	40	2	17	<1	0	0
Max By Year							
2020	Total	0	3	15	<1	3	1
2021	Total	66	3	23	<1	2	1
2022	Total	40	2	17	<1	2	1
	Threshold	75	250	550	520	100	55
	Exceed Threshold?	No	No	No	No	No	No

Muri School Project

Maximum Daily Mitigated Construction Emissions - Required for Health Risk

Mitigation

Use of Tier 4 Equipment

Replace the following diesel equipment with alternate fuel sources

Generator	Onsite Electric
Welder	Electric

Muri School Project

Maximum Daily Mitigated Construction Emissions - Required for Health Risk

Unmitigated - Construction

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		(lbs/day)									
Phase 1 - 2020											
Demolition	Total	0.36376	3.16223	15.4096	0.03091	0.60387	0.06898	0.67285	0.12285	0.05886	0.18171
	Onsite	0.2811	1.2179	14.7184	0.0241	0.34	0.0375	0.3775	0.0515	0.0375	0.089
	Offsite	0.08	1.94	0.69	0.01	0.26	0.03	0.30	0.07	0.02	0.09
Site Preparation	Total	0.30471	1.31971	12.0424	0.02509	0.65504	0.04047	0.69551	0.081	0.04044	0.12144
	Onsite	0.30	1.30	11.86	0.02	0.59	0.04	0.63	0.06	0.04	0.10
	Offsite	0.00	0.02	0.18	0.00	0.07	0.00	0.07	0.02	0.00	0.02
Grading	Total	0.25709	1.11308	11.1358	0.02134	2.50965	0.03406	2.54371	1.26945	0.03403	1.30348
	Onsite	0.25	1.09	10.91	0.02	2.43	0.03	2.46	1.25	0.03	1.28
	Offsite	0.00	0.02	0.23	0.00	0.08	0.00	0.08	0.02	0.00	0.02
Building Construction	Total	0.21099	1.74604	7.60471	0.03141	0.43613	0.04137	0.4775	0.11803	0.03745	0.15548
	Onsite	0.13	0.57	6.39	0.03	0.00	0.02	0.02	0.00	0.02	0.02
	Offsite	0.08	1.17	1.22	0.01	0.44	0.02	0.46	0.12	0.02	0.14
Phase 1 - 2021											
Building Construction	Total	0.21099	1.74604	7.60471	0.03141	0.43613	0.04137	0.4775	0.11803	0.03745	0.15548
	Onsite	0.13	0.57	6.39	0.03	0.00	0.02	0.02	0.00	0.02	0.02
	Offsite	0.08	1.17	1.22	0.01	0.44	0.02	0.46	0.12	0.02	0.14
Paving	Total	0.69563	1.31047	13.6251	0.01891	0.12307	0.04309	0.16617	0.03263	0.04304	0.07566
	Onsite	0.69	1.28	13.28	0.02	0.00	0.04	0.04	0.00	0.04	0.04
	Offsite	0.01	0.03	0.34	0.00	0.12	0.00	0.12	0.03	0.00	0.03
Architectural Coating	Total	65.1345	0.14511	2.01535	0.00356	0.06564	0.00433	0.06997	0.0174	0.0043	0.0217
	Onsite	65.13	0.13	1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Offsite	0.00	0.02	0.18	0.00	0.07	0.00	0.07	0.02	0.00	0.02
Phase 2 - 2021											
Demolition	Total	0.314	1.99435	15.1545	0.02757	0.33954	0.04942	0.38895	0.07212	0.04526	0.11738
	Onsite	0.28	1.22	14.72	0.02	0.16	0.04	0.20	0.02	0.04	0.06
	Offsite	0.03	0.78	0.44	0.00	0.18	0.01	0.19	0.05	0.01	0.06
Grading	Total	0.17594	0.76174	7.32374	0.01467	1.78814	0.02335	1.81149	0.9425	0.02332	0.96582
	Onsite	0.17	0.75	7.16	0.01	1.72	0.02	1.75	0.93	0.02	0.95
	Offsite	0.00	0.01	0.17	0.00	0.07	0.00	0.07	0.02	0.00	0.02
Building Construction	Total	0.12011	0.79922	4.99334	0.02444	0.16355	0.02008	0.18363	0.04426	0.01875	0.06301
	Onsite	0.10	0.42	4.58	0.02	0.00	0.01	0.01	0.00	0.01	0.01
	Offsite	0.02	0.38	0.42	0.00	0.16	0.01	0.17	0.04	0.01	0.05
Paving	Total	0.64083	0.99897	10.4254	0.01461	0.12307	0.03269	0.15577	0.03263	0.03264	0.06526
	Onsite	0.63	0.97	10.08	0.01	0.00	0.03	0.03	0.00	0.03	0.03
	Offsite	0.01	0.03	0.34	0.00	0.12	0.00	0.12	0.03	0.00	0.03
Phase 2 - 2022											
Building Construction	Total	0.12011	0.79922	4.99334	0.02444	0.16355	0.02008	0.18363	0.04426	0.01875	0.06301
	Onsite	0.10	0.42	4.58	0.02	0.00	0.01	0.01	0.00	0.01	0.01
	Offsite	0.02	0.38	0.42	0.00	0.16	0.01	0.17	0.04	0.01	0.05
Architectural Coating	Total	39.593	0.13414	1.89541	0.00318	0.02461	0.00409	0.02871	0.00653	0.00408	0.01061
	Onsite	39.59	0.13	1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Offsite	0.00	0.01	0.06	0.00	0.02	0.00	0.02	0.01	0.00	0.01

Muri School Project

Maximum Daily Mitigated Construction Emissions - Required for Health Risk

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		(lbs/day)									
		Phase 3 - 2022									
Demolition	Total	0.298	1.7107	15.0697	0.02685	0.70167	0.0427	0.74437	0.12483	0.04034	0.16518
	Onsite	0.28	1.22	14.72	0.02	0.54	0.04	0.58	0.08	0.04	0.12
	Offsite	0.02	0.49	0.35	0.00	0.16	0.01	0.16	0.04	0.00	0.05
Grading	Total	0.1755	0.76	7.30913	0.01466	1.88634	0.02333	1.90967	0.9531	0.02331	0.97641
	Onsite	0.17	0.75	7.16	0.01	1.82	0.02	1.84	0.94	0.02	0.96
	Offsite	0.00	0.01	0.15	0.00	0.07	0.00	0.07	0.02	0.00	0.02
Paving	Total	0.73268	0.98871	10.3318	0.0144	0.10666	0.03254	0.1392	0.02828	0.0325	0.06077
	Onsite	0.73	0.97	10.08	0.01	0.00	0.03	0.03	0.00	0.03	0.03
	Offsite	0.00	0.02	0.25	0.00	0.11	0.00	0.11	0.03	0.00	0.03

Muri School Project

Maximum Daily Mitigated Construction Emissions - Required for Health Risk

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		(lbs/day)									
		Phase 1									
Demolition	Fugitive Dust					0.34	0	0.34	0.0515	0	0.0515
2020	Off-Road	0.2811	1.2179	14.7184	0.0241		0.0375	0.0375		0.0375	0.0375
	Hauling	0.08	1.92	0.39	0.01	0.16	0.03	0.19	0.04	0.02	0.06
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.03	0.30	0.00	0.11	0.00	0.11	0.03	0.00	0.03
Site Preparation	Fugitive Dust					0.5894	0	0.5894	0.0636	0	0.0636
2020	Off-Road	0.3008	1.3034	11.8595	0.0245		0.0401	0.0401		0.0401	0.0401
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.02	0.18	0.00	0.07	0.00	0.07	0.02	0.00	0.02
Grading	Fugitive Dust					2.4276	0	2.4276	1.2477	0	1.2477
2020	Off-Road	0.2522	1.0927	10.9071	0.0206		0.0336	0.0336		0.0336	0.0336
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.0048868	0.0203824	0.2286827	7.38E-04	0.082049	4.62E-04	0.0825109	0.0217503	4.25E-04	0.0221757
Building Construction	Fugitive Dust										
2020, 2021	Off-Road	0.1323	0.5735	6.3886	0.025		0.0177	0.0177		0.0177	0.0177
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0.059142	1.0910059	0.3013836	3.46E-03	0.1079373	2.18E-02	0.1297611	0.031029	1.80E-02	0.0490735
	Worker	0.0195471	0.0815297	0.9147308	2.95E-03	0.3281959	1.85E-03	0.3300435	0.087001	1.70E-03	0.0887029
Paving	Off-Road	0.2691	1.2799	13.2821	0.0178		0.0424	0.0424		0.0424	0.0424
2021	Paving	0.4192					0	0		0	0
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.0073302	0.0305737	0.343024	1.11E-03	0.1230735	6.93E-04	0.1237663	0.0326254	6.38E-04	0.0332636
Architectural Coating	Arch. Coating	65.1009					0	0		0	0
2021	Off-Road	0.0297	0.1288	1.8324	2.97E-03		3.96E-03	3.96E-03		3.96E-03	3.96E-03
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.0039094	0.0163059	0.1829462	5.90E-04	0.0656392	3.70E-04	0.0660087	0.0174002	3.40E-04	0.0177406

Muri School Project

Maximum Daily Mitigated Construction Emissions - Required for Health Risk

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		(lbs/day)									
		Phase 2									
Demolition	Fugitive Dust					0.163	0	0.163	0.0247	0	0.0247
2021	Off-Road	0.2811	1.2179	14.7184	0.0241		0.0375	0.0375		0.0375	0.0375
	Hauling	0.03	0.75	0.16	0.00	0.07	0.01	0.08	0.02	0.01	0.03
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.01	0.02	0.27	0.00	0.11	0.00	0.11	0.03	0.00	0.03
Grading	Fugitive Dust					1.7225	0	1.7225	0.9251	0	0.9251
2021	Off-Road	0.1725	0.7475	7.1557	0.0141		0.023	0.023		0.023	0.023
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.0034381	0.0142357	0.16804	5.73E-04	0.0656392	3.52E-04	0.0659915	0.0174002	3.24E-04	0.0177247
Building Construction	Fugitive Dust										
2021, 2022	Off-Road	0.0958	0.415	4.5772	0.0221		0.0128	0.0128		0.0128	0.0128
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0.0178631	0.3575298	0.101066	1.27E-03	0.0404771	6.62E-03	0.0470985	0.0116361	5.34E-03	0.0169787
	Worker	0.0064464	0.0266919	0.315075	1.07E-03	0.1230735	6.61E-04	0.123734	0.0326254	6.08E-04	0.0332337
Paving	Off-Road	0.2038	0.9684	10.0824	0.0135		0.032	0.032		0.032	0.032
2021	Paving	0.4297					0	0		0	0
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.0055869	0.023133	0.273065	9.32E-04	0.1066637	5.72E-04	0.1072361	0.0282753	5.27E-04	0.0288026
Architectural Coating	Arch. Coating	39.562					0	0		0	0
2022	Off-Road	0.0297	0.1288	1.8324	2.97E-03		3.96E-03	3.96E-03		3.96E-03	3.96E-03
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.0012893	0.0053384	0.063015	2.15E-04	0.0246147	1.32E-04	0.0247468	0.0065251	1.22E-04	0.0066467

Muri School Project

Maximum Daily Mitigated Construction Emissions - Required for Health Risk

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
		(lbs/day)									
		Phase 3									
Demolition	Fugitive Dust					0.5426	0	0.5426	0.0822	0	0.0822
2022	Off-Road	0.2811	1.2179	14.7184	0.0241		0.0375	0.0375		0.0375	0.0375
	Hauling	0.0120242	0.472499	0.1020021	1.85E-03	0.0524057	4.66E-03	0.0570686	1.44E-02	2.35E-03	1.67E-02
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.004875	0.0203054	0.2493299	9.03E-04	0.1066637	5.41E-04	0.1072044	0.0282753	4.98E-04	0.0287733
Grading	Fugitive Dust					1.8207	0	1.8207	0.9357	0	0.9357
2022	Off-Road	0.1725	0.7475	7.1557	0.0141		0.023	0.023		0.023	0.023
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.003	0.0124956	0.1534338	5.56E-04	0.0656392	3.33E-04	0.0659719	0.0174002	3.06E-04	0.0177066
Paving	Off-Road	0.2038	0.9684	10.0825	0.0135		0.032	0.032		0.032	0.032
2022	Paving	0.524					0	0		0	0
	Hauling	0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0.00E+00
	Vendor	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
	Worker	0.004875	0.0203054	0.2493299	9.03E-04	0.1066637	5.41E-04	0.1072044	0.0282753	4.98E-04	0.0287733

Muri School Project

Maximum Daily Mitigated Construction Emissions - Required for Health Risk

Inputs for Health Risk

Phase	Start	End	# days	lbs/day PM10
Phase 1				
Demolition	6/1/2020	6/26/2020	20	0.0375
Site Preparation	6/27/2020	7/1/2020	3	0.0401
Grading	7/2/2020	7/9/2020	6	0.0336
Building Construction	7/10/2020	5/13/2021	220	0.0177
Paving	5/14/2021	5/27/2021	10	0.0424
Architectural Coating	5/28/2021	6/10/2021	10	0.0040
Phase 2				
Demolition	7/1/2021	8/11/2021	30	0.0375
Grading	8/12/2021	8/19/2021	6	0.0230
Building Construction	9/1/2021	5/3/2022	150	0.0128
Paving	9/1/2021	9/7/2021	5	0.0320
Architectural Coating	5/1/2022	5/6/2022	5	0.0040
Phase 3				
Demolition	7/1/2022	11/3/2022	90	0.0375
Grading	11/4/2022	11/8/2022	6	0.0230
Paving	11/12/2022	11/25/2022	10	0.0320

4. Unmitigated Operational Emissions

Muri School Project
Unmitigated Operational Impacts

CalEEMod 2016.3.2
Title: Schaefer 3516 - Existing Operation Only Date: 3/24/2019
Schaefer 3516 - Project Operation Only 3/24/2019

Unmitigated Emissions - Net Emissions (Project minus Existing)

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
			Max (Lbs/day)			
Area	*0.72*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
Energy	*0.00*	*0.03*	*0.02*	*0.00*	*0.00*	*0.00*
Mobile	*3.36*	*2.71*	*22.32*	*0.05*	*4.59*	*1.25*
Total	***4***	***3***	***22***	***<1***	***5***	***1***
Thresholds						
Exceeds Thresholds?						

Muri School Project
Unmitigated Operational Impacts - Existing

Unmitigated Emissions - Max Existing

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
	Max (Lbs/day)					
Area	*0.21*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
Energy	*0.00*	*0.01*	*0.01*	*0.00*	*0.00*	*0.00*
Mobile	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
Total	***0.21***	***0.01***	***0.01***	***0.00***	***0.00***	***0.00***

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	Winter (lbs/day)									
Area	0.2132	1.00E-05	7.90E-04	0		0	0		0	0
Energy	1.41E-03	0.0128	0.0107	8.00E-05		9.70E-04	9.70E-04		9.70E-04	9.70E-04
Mobile	0	0	0	0.00E+00	0	0.00E+00	0	0	0.00E+00	0
Total	**0.2146**	**0.0128**	**0.0115**	**8.00E-05**	**0**	**9.70E-04**	**9.70E-04**	**0**	**9.70E-04**	**9.70E-04**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	Summer (lbs/day)									
Area	0.2132	1.00E-05	7.90E-04	0		0	0		0	0
Energy	1.41E-03	0.0128	0.0107	8.00E-05		9.70E-04	9.70E-04		9.70E-04	9.70E-04
Mobile	0	0	0	0	0	0	0	0	0	0
Total	**0.2146**	**0.0128**	**0.0115**	**8.00E-05**	**0**	**9.70E-04**	**9.70E-04**	**0**	**9.70E-04**	**9.70E-04**

Muri School Project
Unmitigated Operational Impacts - Project

Unmitigated Emissions - Max Project

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
	Max (Lbs/day)					
Area	*0.94*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
Energy	*0.00*	*0.04*	*0.03*	*0.00*	*0.00*	*0.00*
Mobile	*3.36*	*2.71*	*22.32*	*0.05*	*4.59*	*1.25*
Total	***4.30***	***2.75***	***22.36***	***0.05***	***4.59***	***1.25***

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	Winter (lbs/day)									
Area	0.9355	3.00E-05	3.45E-03	0		1.00E-05	1.00E-05		1.00E-05	1.00E-05
Energy	4.27E-03	0.0388	0.0326	2.30E-04		2.95E-03	2.95E-03		2.95E-03	2.95E-03
Mobile	3.3593	2.7064	22.3226	0.0431	4.5535	0.0348	4.5883	1.213	0.0325	1.2455
Total	**4.299**	**2.7453**	**22.3587**	**0.0433**	**4.5535**	**0.0378**	**4.5913**	**1.213**	**0.0354**	**1.2484**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	Summer (lbs/day)									
Area	0.9355	3.00E-05	3.45E-03	0		1.00E-05	1.00E-05		1.00E-05	1.00E-05
Energy	4.27E-03	0.0388	0.0326	2.30E-04		2.95E-03	2.95E-03		2.95E-03	2.95E-03
Mobile	3.2505	2.4927	21.5688	0.0451	4.5535	0.0348	4.5883	1.213	0.0325	1.2454
Total	**4.1902**	**2.5316**	**21.6049**	**0.0453**	**4.5535**	**0.0378**	**4.5913**	**1.213**	**0.0354**	**1.2484**

5. CO HotSpot Analysis

Muri School Project

CO Hotspot Screening Analysis

Change in Traffic volumes with project in 2035

Intersection #	AM Existing	AM Horizon	AM Change	AM Project	AM % of Increase	PM Existing	PM Horizon	PM Change	PM Project	PM % of Increase
1	1,948	2,376	428	116	27%	2,399	2,803	404	110	27%
2	2,274	2,744	470	95	20%	2,898	3,714	816	94	12%
3	3,962	5,589	1,627	127	8%	4,676	6,408	1,732	108	6%
4	395	576	181	161	89%	419	595	176	145	82%
5	256	381	125	81	65%	306	410	104	70	67%
6	337	554	217	154	71%	355	534	179	124	69%
7	277	454	177	154	87%	305	474	169	124	73%
8	468	741	273	121	44%	513	744	231	94	41%
9	127	212	85	32	38%	149	261	112	31	28%
10	2,517	3,311	794	61	8%	2,844	3,652	808	52	6%
11	2,749	3,663	914	53	6%	3,135	3,975	840	35	4%
Max			1,627			Max		1,732		
Screening Level			2,000			Screening Level		2,000		
Exceed?			No			Exceed?		No		

Source: Linscott Law & Greenspan Engineers. *Transportation Impact Analysis Muir at Anderson School Draft.* March 22, 2019.

Muri School Project

CO Hotspot Screening Analysis

Existing AM

Intersection #	Total	NL	NT	NR	WL	WT	WR	SL	ST	SR	EL	ET	ER
1	1,948	188	6	19	26	1,037	14	22	6	36	9	516	69
2	2,274	132	972	156	98	20	93	118	500	42	31	38	74
3	3,962	239	785	66	62	638	312	180	306	164	132	818	260
4	395	97	133	1	51		38	36	39				
5	256		127						62	33	30		4
6	337	7	3	1	1	131	9	5	4	9	17	144	6
7	277	23		19	4	47						126	58
8	468	82	41	44	53	48	8	5	43	3	1	68	72
9	127	5	35		6	0	0	5	58	0	2	9	7
10	2,517			25	15	1,157	14			93	64	1,120	29
11	2,749	179	89		51	923	103	33	100	78	26	1,105	62

Existing PM

Intersection #	Total	NL	NT	NR	WL	WT	WR	SL	ST	SR	EL	ET	ER
1	2,399	124	7	41	26	783	15	12	3	11	11	1,228	138
2	2,898	162	726	127	141	45	160	200	1,064	59	46	52	116
3	4,676	224	482	82	215	809	294	403	687	172	218	891	199
4	419	72	97	3	102		34	43	68				
5	306		91						129	52	30		4
6	355	10	10	3	3	161	16	7	10	8	4	119	4
7	305	52		14	21	112						78	28
8	513	59	47	62	105	64	10	14	27	0	4	71	50
9	149	6	83		4	5	1	3	40	3	1	2	1
10	2,844			15	28	1,169	19			49	128	1,376	60
11	3,135	82	52		92	1,133	74	51	98	112	32	1,261	148

Muri School Project

CO Hotspot Screening Analysis

Horizon 2035 AM

Intersection #	Total	NL	NT	NR	WL	WT	WR	SL	ST	SR	EL	ET	ER
1	2,376	232	10	47	30	1,180	20	30	10	50	10	620	137
2	2,744	20	1,140	170	100	40	100	140	637	80	80	50	187
3	5,589	310	943	200	220	884	368	327	487	220	340	1,060	230
4	576		116	156	84		83	72	65				
5	381		162						119	40	60		0
6	554	10	10	10	10	245	10	10	10	10	20	199	10
7	454	46		20	10	139						162	77
8	741	138	70	60	80	91	10	10	70	10	10	107	85
9	212	10	56	20	10			10	76		10	10	10
10	3,311			30	20	1,515	20			116	86	1,494	30
11	3,663	260	110	110	60	1,160	134	40	130	115	74	1,300	170

Horizon 2035 PM

Intersection #	Total	NL	NT	NR	WL	WT	WR	SL	ST	SR	EL	ET	ER
1	2,803	172	10	58	30	910	20	20	10	20	20	1,360	173
2	3,714	304	910	170	160	60	170	200	1,145	190	110	60	235
3	6,408	300	679	180	340	1,134	435	515	835	250	320	1,140	280
4	595		101	121	124		96	69	84				
5	410		142						158	60	40		10
6	534	10	10	10	10	232	20	10	10	10	10	192	10
7	474	70		20	30	172						132	50
8	744	88	60	100	130	94	20	20	40	10	10	115	57
9	261	10	100	10	10	10	10	10	61	10	10	10	10
10	3,652			20	30	1,567	20			71	140	1,734	70
11	3,975	120	70	60	100	1,450	94	60	110	147	84	1,500	180

Muri School Project

CO Hotspot Screening Analysis

Project AM

Intersection #	Total	NL	NT	NR	WL	WT	WR	SL	ST	SR	EL	ET	ER
1	116	32		27									57
2	95	41							27				27
3	127		33			24	8	27	35				
4	161		16	21	24		43	32	25				
5	81		32						49				
6	154					105						49	
7	154	16				89						32	17
8	121	48				41						27	5
9	32		16						16				
10	61					5					16	16	24
11	53						24			5	24		

Project PM

Intersection #	Total	NL	NT	NR	WL	WT	WR	SL	ST	SR	EL	ET	ER
1	110	42		35									33
2	94	24							35				35
3	108		19			14	5	35	35				
4	145	21	21	14		56	19	14					
5	70		42						28				
6	124					62						62	
7	124	10				52						42	20
8	94	28				24						35	7
9	31		10						21				
10	52					7				21	10	14	
11	35						14			7			14

6. CalEEMod Output

6. CalEEMod Output
a. Construction Phase 1

MUIR School - Phase 1 Construction Only - San Diego County, Winter

MUIR School - Phase 1 Construction Only

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	520.00	Student	1.10	26,000.00	0
Other Asphalt Surfaces	1.60	Acre	1.60	69,696.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions

Off-road Equipment -

Trips and VMT - Modeled outside of CalEEMod using EMFAC2017

Demolition - See Assumptions

Grading -

Architectural Coating -

Vehicle Trips - Operational Emissions modeled separately

Construction Off-road Equipment Mitigation - Equipment mitigation added in case mitigation is needed

Off-road Equipment -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblLandUse	LandUseSquareFeet	43,473.75	26,000.00
tblLandUse	LotAcreage	1.00	1.10
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblTripsAndVMT	HaulingTripNumber	84.00	0.00
tblTripsAndVMT	VendorTripNumber	16.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	40.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00

2.0 Emissions Summary

- Summary Not Used

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2020	6/26/2020	5	20	
2	Site Preparation	Site Preparation	6/27/2020	7/1/2020	5	3	
3	Grading	Grading	7/2/2020	7/9/2020	5	6	
4	Building Construction	Building Construction	7/10/2020	5/13/2021	5	220	
5	Paving	Paving	5/14/2021	5/27/2021	5	10	
6	Architectural Coating	Architectural Coating	5/28/2021	6/10/2021	5	10	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 3

Acres of Paving: 1.6

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 39,000; Non-Residential Outdoor: 13,000; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Site Preparation	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9176	0.0000	0.9176	0.1390	0.0000	0.1390			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761		2,322.3127	2,322.3127	0.5970		2,337.2363
Total	**2.1262**	**20.9463**	**14.6573**	**0.0241**	**0.9176**	**1.1525**	**2.0700**	**0.1390**	**1.0761**	**1.2151**		**2,322.3127**	**2,322.3127**	**0.5970**		**2,337.2363**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3400	0.0000	0.3400	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.2811	1.2179	14.7184	0.0241		0.0375	0.0375		0.0375	0.0375	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363
Total	**0.2811**	**1.2179**	**14.7184**	**0.0241**	**0.3400**	**0.0375**	**0.3774**	**0.0515**	**0.0375**	**0.0890**	**0.0000**	**2,322.3127**	**2,322.3127**	**0.5970**		**2,337.2363**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.6521	19.9196	11.2678	0.0245		0.7771	0.7771		0.7149	0.7149		2,372.9062	2,372.9062	0.7675		2,392.0924
Total	**1.6521**	**19.9196**	**11.2678**	**0.0245**	**1.5908**	**0.7771**	**2.3678**	**0.1718**	**0.7149**	**0.8867**		**2,372.9062**	**2,372.9062**	**0.7675**		**2,392.0924**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5894	0.0000	0.5894	0.0636	0.0000	0.0636			0.0000			0.0000
Off-Road	0.3008	1.3034	11.8595	0.0245		0.0401	0.0401		0.0401	0.0401	0.0000	2,372.9062	2,372.9062	0.7675		2,392.0924
Total	**0.3008**	**1.3034**	**11.8595**	**0.0245**	**0.5894**	**0.0401**	**0.6295**	**0.0636**	**0.0401**	**0.1037**	**0.0000**	**2,372.9062**	**2,372.9062**	**0.7675**		**2,392.0924**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.9219	21.3418	9.9355	0.0206		0.9902	0.9902		0.9110	0.9110		1,996.4061	1,996.4061	0.6457		2,012.5480
Total	**1.9219**	**21.3418**	**9.9355**	**0.0206**	**6.5523**	**0.9902**	**7.5425**	**3.3675**	**0.9110**	**4.2784**		**1,996.4061**	**1,996.4061**	**0.6457**		**2,012.5480**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4276	0.0000	2.4276	1.2477	0.0000	1.2477			0.0000			0.0000
Off-Road	0.2522	1.0927	10.9071	0.0206		0.0336	0.0336		0.0336	0.0336	0.0000	1,996.4061	1,996.4061	0.6457		2,012.5480

Total	**0.2522**	**1.0927**	**10.9071**	**0.0206**	**2.4276**	**0.0336**	**2.4613**	**1.2477**	**0.0336**	**1.2813**	**0.0000**	**1,996.4061**	**1,996.4061**	**0.6457**		**2,012.5480**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2879	17.4336	14.8972	0.0250		0.9482	0.9482		0.9089	0.9089		2,288.8877	2,288.8877	0.4646		2,300.5014
Total	**2.2879**	**17.4336**	**14.8972**	**0.0250**		**0.9482**	**0.9482**		**0.9089**	**0.9089**		**2,288.8877**	**2,288.8877**	**0.4646**		**2,300.5014**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1323	0.5735	6.3886	0.0250		0.0177	0.0177		0.0177	0.0177	0.0000	1,043.4200	1,043.4200	0.3375		1,051.8565
Total	**0.1323**	**0.5735**	**6.3886**	**0.0250**		**0.0177**	**0.0177**		**0.0177**	**0.0177**	**0.0000**	**1,043.4200**	**1,043.4200**	**0.3375**		**1,051.8565**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935
Total	**2.0451**	**16.0275**	**14.5629**	**0.0250**		**0.8173**	**0.8173**		**0.7831**	**0.7831**		**2,288.9355**	**2,288.9355**	**0.4503**		**2,300.1935**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1323	0.5735	6.3886	0.0250		0.0177	0.0177		0.0177	0.0177	0.0000	1,043.4678	1,043.4678	0.3375		1,051.9047
Total	**0.1323**	**0.5735**	**6.3886**	**0.0250**		**0.0177**	**0.0177**		**0.0177**	**0.0177**	**0.0000**	**1,043.4678**	**1,043.4678**	**0.3375**		**1,051.9047**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.4192					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4825**	**10.6478**	**11.7756**	**0.0178**		**0.5826**	**0.5826**		**0.5371**	**0.5371**		**1,709.1107**	**1,709.1107**	**0.5417**		**1,722.6524**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2691	1.2799	13.2821	0.0178		0.0424	0.0424		0.0424	0.0424	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524

Paving	0.4192					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6883**	**1.2799**	**13.2821**	**0.0178**		**0.0424**	**0.0424**		**0.0424**	**0.0424**	**0.0000**	**1,709.1107**	**1,709.1107**	**0.5417**		**1,722.6524**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	65.1009					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**65.3198**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	65.1009					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**65.1306**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

-Operation Modeled Separately

MUIR School - Phase 1 Construction Only

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	520.00	Student	1.10	26,000.00	0
Other Asphalt Surfaces	1.60	Acre	1.60	69,696.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions

Off-road Equipment -

Trips and VMT - Modeled outside of CalEEMod using EMFAC2017

Demolition - See Assumptions

Grading -

Architectural Coating -

Vehicle Trips - Operational Emissions modeled separately

Construction Off-road Equipment Mitigation - Equipment mitigation added in case mitigation is needed

Off-road Equipment -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblLandUse	LandUseSquareFeet	43,473.75	26,000.00
tblLandUse	LotAcreage	1.00	1.10
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblTripsAndVMT	HaulingTripNumber	84.00	0.00
tblTripsAndVMT	VendorTripNumber	16.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	40.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00

2.0 Emissions Summary

-Summary Not Used

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2020	6/26/2020	5	20	
2	Site Preparation	Site Preparation	6/27/2020	7/1/2020	5	3	
3	Grading	Grading	7/2/2020	7/9/2020	5	6	
4	Building Construction	Building Construction	7/10/2020	5/13/2021	5	220	
5	Paving	Paving	5/14/2021	5/27/2021	5	10	
6	Architectural Coating	Architectural Coating	5/28/2021	6/10/2021	5	10	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 3

Acres of Paving: 1.6

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 39,000; Non-Residential Outdoor: 13,000; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Site Preparation	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9176	0.0000	0.9176	0.1390	0.0000	0.1390			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761		2,322.3127	2,322.3127	0.5970		2,337.2363
Total	**2.1262**	**20.9463**	**14.6573**	**0.0241**	**0.9176**	**1.1525**	**2.0700**	**0.1390**	**1.0761**	**1.2151**		**2,322.3127**	**2,322.3127**	**0.5970**		**2,337.2363**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3400	0.0000	0.3400	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.2811	1.2179	14.7184	0.0241		0.0375	0.0375		0.0375	0.0375	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363
Total	**0.2811**	**1.2179**	**14.7184**	**0.0241**	**0.3400**	**0.0375**	**0.3774**	**0.0515**	**0.0375**	**0.0890**	**0.0000**	**2,322.3127**	**2,322.3127**	**0.5970**		**2,337.2363**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.6521	19.9196	11.2678	0.0245		0.7771	0.7771		0.7149	0.7149		2,372.9062	2,372.9062	0.7675		2,392.0924
Total	**1.6521**	**19.9196**	**11.2678**	**0.0245**	**1.5908**	**0.7771**	**2.3678**	**0.1718**	**0.7149**	**0.8867**		**2,372.9062**	**2,372.9062**	**0.7675**		**2,392.0924**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5894	0.0000	0.5894	0.0636	0.0000	0.0636			0.0000			0.0000
Off-Road	0.3008	1.3034	11.8595	0.0245		0.0401	0.0401		0.0401	0.0401	0.0000	2,372.9062	2,372.9062	0.7675		2,392.0924
Total	**0.3008**	**1.3034**	**11.8595**	**0.0245**	**0.5894**	**0.0401**	**0.6295**	**0.0636**	**0.0401**	**0.1037**	**0.0000**	**2,372.9062**	**2,372.9062**	**0.7675**		**2,392.0924**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.9219	21.3418	9.9355	0.0206		0.9902	0.9902		0.9110	0.9110		1,996.4061	1,996.4061	0.6457		2,012.5480
Total	**1.9219**	**21.3418**	**9.9355**	**0.0206**	**6.5523**	**0.9902**	**7.5425**	**3.3675**	**0.9110**	**4.2784**		**1,996.4061**	**1,996.4061**	**0.6457**		**2,012.5480**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4276	0.0000	2.4276	1.2477	0.0000	1.2477			0.0000			0.0000
Off-Road	0.2522	1.0927	10.9071	0.0206		0.0336	0.0336		0.0336	0.0336	0.0000	1,996.4061	1,996.4061	0.6457		2,012.5480

Total	**0.2522**	**1.0927**	**10.9071**	**0.0206**	**2.4276**	**0.0336**	**2.4613**	**1.2477**	**0.0336**	**1.2813**	**0.0000**	**1,996.4061**	**1,996.4061**	**0.6457**		**2,012.5480**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2879	17.4336	14.8972	0.0250		0.9482	0.9482		0.9089	0.9089		2,288.8877	2,288.8877	0.4646		2,300.5014
Total	**2.2879**	**17.4336**	**14.8972**	**0.0250**		**0.9482**	**0.9482**		**0.9089**	**0.9089**		**2,288.8877**	**2,288.8877**	**0.4646**		**2,300.5014**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1323	0.5735	6.3886	0.0250		0.0177	0.0177		0.0177	0.0177	0.0000	1,043.4200	1,043.4200	0.3375		1,051.8565
Total	**0.1323**	**0.5735**	**6.3886**	**0.0250**		**0.0177**	**0.0177**		**0.0177**	**0.0177**	**0.0000**	**1,043.4200**	**1,043.4200**	**0.3375**		**1,051.8565**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935
Total	**2.0451**	**16.0275**	**14.5629**	**0.0250**		**0.8173**	**0.8173**		**0.7831**	**0.7831**		**2,288.9355**	**2,288.9355**	**0.4503**		**2,300.1935**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1323	0.5735	6.3886	0.0250		0.0177	0.0177		0.0177	0.0177	0.0000	1,043.4678	1,043.4678	0.3375		1,051.9047
Total	**0.1323**	**0.5735**	**6.3886**	**0.0250**		**0.0177**	**0.0177**		**0.0177**	**0.0177**	**0.0000**	**1,043.4678**	**1,043.4678**	**0.3375**		**1,051.9047**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.4192					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4825**	**10.6478**	**11.7756**	**0.0178**		**0.5826**	**0.5826**		**0.5371**	**0.5371**		**1,709.1107**	**1,709.1107**	**0.5417**		**1,722.6524**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2691	1.2799	13.2821	0.0178		0.0424	0.0424		0.0424	0.0424	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524

Paving	0.4192					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6883**	**1.2799**	**13.2821**	**0.0178**		**0.0424**	**0.0424**		**0.0424**	**0.0424**	**0.0000**	**1,709.1107**	**1,709.1107**	**0.5417**		**1,722.6524**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	65.1009					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**65.3198**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	65.1009					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**65.1306**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

-Operation Modeled Separately

6. CalEEMod Output
b. Construction Phase 2

MUIR School - Phase 2 -Construction Only - San Diego County, Winter

MUIR School - Phase 2 -Construction Only

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	520.00	Student	0.18	7,700.00	0
Other Asphalt Surfaces	0.52	Acre	0.52	22,651.20	0
Parking Lot	13.00	Space	0.30	5,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions

Trips and VMT - Modeled outside of CalEEMod

Demolition - See Assumptions

Vehicle Trips - Operational Emissions modeled separately

Construction Off-road Equipment Mitigation - See Assumptions - Equipment modeled in case mitigation is needed

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	100.00	175.00
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	2.00	6.00

tblGrading	AcresOfGrading	2.25	0.75
tblLandUse	LandUseSquareFeet	43,473.75	7,700.00
tblLandUse	LotAcreage	1.00	0.18
tblLandUse	LotAcreage	0.12	0.30
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblTripsAndVMT	HaulingTripNumber	60.00	0.00
tblTripsAndVMT	VendorTripNumber	6.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00

2.0 Emissions Summary

- Summary Not Used

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2021	8/11/2021	5	30	
2	Grading	Grading	8/12/2021	8/19/2021	5	6	
3	Building Construction	Building Construction	9/1/2021	5/3/2022	5	175	
4	Paving	Paving	9/1/2021	9/7/2021	5	5	
5	Architectural Coating	Architectural Coating	5/1/2022	5/6/2022	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0.75

Acres of Paving: 0.82

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 11,550; Non-Residential Outdoor: 3,850; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4398	0.0000	0.4398	0.0666	0.0000	0.0666			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
Total	**1.9930**	**19.6966**	**14.4925**	**0.0241**	**0.4398**	**1.0409**	**1.4807**	**0.0666**	**0.9715**	**1.0381**		**2,322.7171**	**2,322.7171**	**0.5940**		**2,337.5658**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1630	0.0000	0.1630	0.0247	0.0000	0.0247			0.0000			0.0000
Off-Road	0.2811	1.2179	14.7184	0.0241		0.0375	0.0375		0.0375	0.0375	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
Total	**0.2811**	**1.2179**	**14.7184**	**0.0241**	**0.1630**	**0.0375**	**0.2004**	**0.0247**	**0.0375**	**0.0622**	**0.0000**	**2,322.7171**	**2,322.7171**	**0.5940**		**2,337.5658**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.6491	0.0000	4.6491	2.4970	0.0000	2.4970			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869		1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**1.2884**	**14.3307**	**6.3314**	**0.0141**	**4.6491**	**0.6379**	**5.2870**	**2.4970**	**0.5869**	**3.0839**		**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Fugitive Dust					1.7225	0.0000	1.7225	0.9251	0.0000	0.9251			0.0000			0.0000
Off-Road	0.1725	0.7475	7.1557	0.0141		0.0230	0.0230		0.0230	0.0230	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**0.1725**	**0.7475**	**7.1557**	**0.0141**	**1.7225**	**0.0230**	**1.7455**	**0.9251**	**0.0230**	**0.9481**	**0.0000**	**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		2,001.2200	2,001.2200	0.3573		2,010.1517
Total	**1.8125**	**13.6361**	**12.8994**	**0.0221**		**0.6843**	**0.6843**		**0.6608**	**0.6608**		**2,001.2200**	**2,001.2200**	**0.3573**		**2,010.1517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0958	0.4150	4.5772	0.0221		0.0128	0.0128		0.0128	0.0128	0.0000	755.7523	755.7523	0.2444		761.8629
Total	**0.0958**	**0.4150**	**4.5772**	**0.0221**		**0.0128**	**0.0128**		**0.0128**	**0.0128**	**0.0000**	**755.7523**	**755.7523**	**0.2444**		**761.8629**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day											lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day											lb/day				
Off-Road	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689		2,001.5429	2,001.5429	0.3486		2,010.2581
Total	**1.6487**	**12.5031**	**12.7264**	**0.0221**		**0.5889**	**0.5889**		**0.5689**	**0.5689**		**2,001.5429**	**2,001.5429**	**0.3486**		**2,010.2581**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day											lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0958	0.4150	4.5772	0.0221		0.0128	0.0128		0.0128	0.0128	0.0000	756.0751	756.0751	0.2445		762.1884
Total	**0.0958**	**0.4150**	**4.5772**	**0.0221**		**0.0128**	**0.0128**		**0.0128**	**0.0128**	**0.0000**	**756.0751**	**756.0751**	**0.2445**		**762.1884**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830		1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.4297					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2036**	**7.7422**	**8.8569**	**0.0135**		**0.4153**	**0.4153**		**0.3830**	**0.3830**		**1,296.8664**	**1,296.8664**	**0.4111**		**1,307.1442**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Off-Road	0.2038	0.9684	10.0824	0.0135		0.0320	0.0320		0.0320	0.0320	0.0000	1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.4297					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6335**	**0.9684**	**10.0824**	**0.0135**		**0.0320**	**0.0320**		**0.0320**	**0.0320**	**0.0000**	**1,296.8664**	**1,296.8664**	**0.4111**		**1,307.1442**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.5620					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**39.7666**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.5620					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**39.5918**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day											lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

-Operation Modeled Separately

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day											lb/day				
Mitigated	0.9733	4.0608	10.6094	0.0348	3.1362	0.0300	3.1662	0.8382	0.0280	0.8662		3,540.4896	3,540.4896	0.1956		3,545.3789
Unmitigated	0.9733	4.0608	10.6094	0.0348	3.1362	0.0300	3.1662	0.8382	0.0280	0.8662		3,540.4896	3,540.4896	0.1956		3,545.3789

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	670.80	0.00	0.00	1,056,481	1,056,481
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	670.80	0.00	0.00	1,056,481	1,056,481

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.598645	0.040929	0.181073	0.106149	0.015683	0.005479	0.016317	0.023976	0.001926	0.001932	0.006016	0.000753	0.001122
Other Asphalt Surfaces	0.598645	0.040929	0.181073	0.106149	0.015683	0.005479	0.016317	0.023976	0.001926	0.001932	0.006016	0.000753	0.001122
Parking Lot	0.598645	0.040929	0.181073	0.106149	0.015683	0.005479	0.016317	0.023976	0.001926	0.001932	0.006016	0.000753	0.001122

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.3500e-003	0.0122	0.0103	7.0000e-005		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004		14.6927	14.6927	2.8000e-004	2.7000e-004	14.7800
NaturalGas Unmitigated	1.3500e-003	0.0122	0.0103	7.0000e-005		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004		14.6927	14.6927	2.8000e-004	2.7000e-004	14.7800

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	124.888	1.3500e-003	0.0122	0.0103	7.0000e-005		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004		14.6927	14.6927	2.8000e-004	2.7000e-004	14.7800
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.3500e-003**	**0.0122**	**0.0103**	**7.0000e-005**		**9.3000e-004**	**9.3000e-004**		**9.3000e-004**	**9.3000e-004**		**14.6927**	**14.6927**	**2.8000e-004**	**2.7000e-004**	**14.7800**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	0.124888	1.3500e-003	0.0122	0.0103	7.0000e-005		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004		14.6927	14.6927	2.8000e-004	2.7000e-004	14.7800
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.3500e-003**	**0.0122**	**0.0103**	**7.0000e-005**		**9.3000e-004**	**9.3000e-004**		**9.3000e-004**	**9.3000e-004**		**14.6927**	**14.6927**	**2.8000e-004**	**2.7000e-004**	**14.7800**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2339	5.0000e-004	0.0546	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1168	0.1168	3.1000e-004		0.1245
Unmitigated	0.2339	5.0000e-004	0.0546	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1168	0.1168	3.1000e-004		0.1245

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.0700e-003	5.0000e-004	0.0546	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1168	0.1168	3.1000e-004		0.1245
Total	**0.2339**	**5.0000e-004**	**0.0546**	**0.0000**		**1.9000e-004**	**1.9000e-004**		**1.9000e-004**	**1.9000e-004**		**0.1168**	**0.1168**	**3.1000e-004**		**0.1245**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

SubCategory	lb/day										lb/day					
Architectural Coating	0.0542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.0700e-003	5.0000e-004	0.0546	0.0000		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004		0.1168	0.1168	3.1000e-004		0.1245
Total	**0.2339**	**5.0000e-004**	**0.0546**	**0.0000**		**1.9000e-004**	**1.9000e-004**		**1.9000e-004**	**1.9000e-004**		**0.1168**	**0.1168**	**3.1000e-004**		**0.1245**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

MUIR School - Phase 2 -Construction Only

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	520.00	Student	0.18	7,700.00	0
Other Asphalt Surfaces	0.52	Acre	0.52	22,651.20	0
Parking Lot	13.00	Space	0.30	5,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions

Trips and VMT - Modeled outside of CalEEMod

Demolition - See Assumptions

Vehicle Trips - Operational Emissions modeled separately

Construction Off-road Equipment Mitigation - See Assumptions - Equipment modeled in case mitigation is needed

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	100.00	175.00
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	2.00	6.00

tblGrading	AcresOfGrading	2.25	0.75
tblLandUse	LandUseSquareFeet	43,473.75	7,700.00
tblLandUse	LotAcreage	1.00	0.18
tblLandUse	LotAcreage	0.12	0.30
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblTripsAndVMT	HaulingTripNumber	60.00	0.00
tblTripsAndVMT	VendorTripNumber	6.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00

2.0 Emissions Summary

- Summary Not Used

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2021	8/11/2021	5	30	
2	Grading	Grading	8/12/2021	8/19/2021	5	6	
3	Building Construction	Building Construction	9/1/2021	5/3/2022	5	175	
4	Paving	Paving	9/1/2021	9/7/2021	5	5	
5	Architectural Coating	Architectural Coating	5/1/2022	5/6/2022	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0.75

Acres of Paving: 0.82

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 11,550; Non-Residential Outdoor: 3,850; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4398	0.0000	0.4398	0.0666	0.0000	0.0666			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
Total	**1.9930**	**19.6966**	**14.4925**	**0.0241**	**0.4398**	**1.0409**	**1.4807**	**0.0666**	**0.9715**	**1.0381**		**2,322.7171**	**2,322.7171**	**0.5940**		**2,337.5658**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1630	0.0000	0.1630	0.0247	0.0000	0.0247			0.0000			0.0000
Off-Road	0.2811	1.2179	14.7184	0.0241		0.0375	0.0375		0.0375	0.0375	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
Total	**0.2811**	**1.2179**	**14.7184**	**0.0241**	**0.1630**	**0.0375**	**0.2004**	**0.0247**	**0.0375**	**0.0622**	**0.0000**	**2,322.7171**	**2,322.7171**	**0.5940**		**2,337.5658**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.6491	0.0000	4.6491	2.4970	0.0000	2.4970			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869		1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**1.2884**	**14.3307**	**6.3314**	**0.0141**	**4.6491**	**0.6379**	**5.2870**	**2.4970**	**0.5869**	**3.0839**		**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Fugitive Dust					1.7225	0.0000	1.7225	0.9251	0.0000	0.9251			0.0000			0.0000
Off-Road	0.1725	0.7475	7.1557	0.0141		0.0230	0.0230		0.0230	0.0230	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020
Total	**0.1725**	**0.7475**	**7.1557**	**0.0141**	**1.7225**	**0.0230**	**1.7455**	**0.9251**	**0.0230**	**0.9481**	**0.0000**	**1,365.0648**	**1,365.0648**	**0.4415**		**1,376.1020**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		2,001.2200	2,001.2200	0.3573		2,010.1517
Total	**1.8125**	**13.6361**	**12.8994**	**0.0221**		**0.6843**	**0.6843**		**0.6608**	**0.6608**		**2,001.2200**	**2,001.2200**	**0.3573**		**2,010.1517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0958	0.4150	4.5772	0.0221		0.0128	0.0128		0.0128	0.0128	0.0000	755.7523	755.7523	0.2444		761.8629
Total	**0.0958**	**0.4150**	**4.5772**	**0.0221**		**0.0128**	**0.0128**		**0.0128**	**0.0128**	**0.0000**	**755.7523**	**755.7523**	**0.2444**		**761.8629**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day											lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day											lb/day				
Off-Road	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689		2,001.5429	2,001.5429	0.3486		2,010.2581
Total	**1.6487**	**12.5031**	**12.7264**	**0.0221**		**0.5889**	**0.5889**		**0.5689**	**0.5689**		**2,001.5429**	**2,001.5429**	**0.3486**		**2,010.2581**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day											lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0958	0.4150	4.5772	0.0221		0.0128	0.0128		0.0128	0.0128	0.0000	756.0751	756.0751	0.2445		762.1884
Total	**0.0958**	**0.4150**	**4.5772**	**0.0221**		**0.0128**	**0.0128**		**0.0128**	**0.0128**	**0.0000**	**756.0751**	**756.0751**	**0.2445**		**762.1884**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830		1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.4297					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2036**	**7.7422**	**8.8569**	**0.0135**		**0.4153**	**0.4153**		**0.3830**	**0.3830**		**1,296.8664**	**1,296.8664**	**0.4111**		**1,307.1442**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Off-Road	0.2038	0.9684	10.0824	0.0135		0.0320	0.0320		0.0320	0.0320	0.0000	1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.4297					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6335**	**0.9684**	**10.0824**	**0.0135**		**0.0320**	**0.0320**		**0.0320**	**0.0320**	**0.0000**	**1,296.8664**	**1,296.8664**	**0.4111**		**1,307.1442**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.5620					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**39.7666**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	39.5620					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**39.5918**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day											lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

- Operation Modeled Separately

6. CalEEMod Output
c. Construction Phase 3

MUIR School - Phase 3 - Construction Only

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	1.00	Acre	1.00	43,560.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions

Demolition - See Assumptions

Trips and VMT - Modeled outside of CalEEMod

Vehicle Trips - Opeational emissions modeled separately

Construction Off-road Equipment Mitigation - See Assumptions - Equipment mitigation added in case mitigation is necessary

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblTripsAndVMT	HaulingTripNumber	67.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00

2.0 Emissions Summary

-Summary Not Used

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2022	7/14/2022	5	10	
2	Grading	Grading	7/15/2022	7/18/2022	5	2	
3	Paving	Paving	7/19/2022	7/25/2022	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0.75

Acres of Paving: 1

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4646	0.0000	1.4646	0.2218	0.0000	0.2218			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
Total	**1.6889**	**16.6217**	**13.9605**	**0.0241**	**1.4646**	**0.8379**	**2.3025**	**0.2218**	**0.7829**	**1.0047**		**2,323.4168**	**2,323.4168**	**0.5921**		**2,338.2191**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5426	0.0000	0.5426	0.0822	0.0000	0.0822			0.0000			0.0000
Off-Road	0.2811	1.2179	14.7184	0.0241		0.0375	0.0375		0.0375	0.0375	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	**0.2811**	**1.2179**	**14.7184**	**0.0241**	**0.5426**	**0.0375**	**0.5801**	**0.0822**	**0.0375**	**0.1197**	**0.0000**	**2,323.4168**	**2,323.4168**	**0.5921**		**2,338.2191**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Fugitive Dust					4.9143	0.0000	4.9143	2.5256	0.0000	2.5256			0.0000			0.0000
Off-Road	1.0832	12.0046	5.9360	0.0141		0.5173	0.5173		0.4759	0.4759		1,364.8198	1,364.8198	0.4414		1,375.8551
Total	**1.0832**	**12.0046**	**5.9360**	**0.0141**	**4.9143**	**0.5173**	**5.4315**	**2.5256**	**0.4759**	**3.0015**		**1,364.8198**	**1,364.8198**	**0.4414**		**1,375.8551**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8207	0.0000	1.8207	0.9357	0.0000	0.9357			0.0000			0.0000
Off-Road	0.1725	0.7475	7.1557	0.0141		0.0230	0.0230		0.0230	0.0230	0.0000	1,364.8198	1,364.8198	0.4414		1,375.8551
Total	**0.1725**	**0.7475**	**7.1557**	**0.0141**	**1.8207**	**0.0230**	**1.8437**	**0.9357**	**0.0230**	**0.9587**	**0.0000**	**1,364.8198**	**1,364.8198**	**0.4414**		**1,375.8551**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205		1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	0.5240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2117**	**6.7738**	**8.8060**	**0.0135**		**0.3474**	**0.3474**		**0.3205**	**0.3205**		**1,297.3789**	**1,297.3789**	**0.4113**		**1,307.6608**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day											lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2038	0.9684	10.0825	0.0135		0.0320	0.0320		0.0320	0.0320	0.0000	1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	0.5240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7278**	**0.9684**	**10.0825**	**0.0135**		**0.0320**	**0.0320**		**0.0320**	**0.0320**	**0.0000**	**1,297.3789**	**1,297.3789**	**0.4113**		**1,307.6608**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

- Operation Modeled Separately

MUIR School - Phase 3 - Construction Only

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	1.00	Acre	1.00	43,560.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions

Demolition - See Assumptions

Trips and VMT - Modeled outside of CalEEMod

Vehicle Trips - Opeational emissions modeled separately

Construction Off-road Equipment Mitigation - See Assumptions - Equipment mitigation added in case mitigation is necessary

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblTripsAndVMT	HaulingTripNumber	67.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00

2.0 Emissions Summary

-Summary not used

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2022	7/14/2022	5	10	
2	Grading	Grading	7/15/2022	7/18/2022	5	2	
3	Paving	Paving	7/19/2022	7/25/2022	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0.75

Acres of Paving: 1

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4646	0.0000	1.4646	0.2218	0.0000	0.2218			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
Total	**1.6889**	**16.6217**	**13.9605**	**0.0241**	**1.4646**	**0.8379**	**2.3025**	**0.2218**	**0.7829**	**1.0047**		**2,323.4168**	**2,323.4168**	**0.5921**		**2,338.2191**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5426	0.0000	0.5426	0.0822	0.0000	0.0822			0.0000			0.0000
Off-Road	0.2811	1.2179	14.7184	0.0241		0.0375	0.0375		0.0375	0.0375	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	**0.2811**	**1.2179**	**14.7184**	**0.0241**	**0.5426**	**0.0375**	**0.5801**	**0.0822**	**0.0375**	**0.1197**	**0.0000**	**2,323.4168**	**2,323.4168**	**0.5921**		**2,338.2191**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Fugitive Dust					4.9143	0.0000	4.9143	2.5256	0.0000	2.5256			0.0000			0.0000
Off-Road	1.0832	12.0046	5.9360	0.0141		0.5173	0.5173		0.4759	0.4759		1,364.8198	1,364.8198	0.4414		1,375.8551
Total	**1.0832**	**12.0046**	**5.9360**	**0.0141**	**4.9143**	**0.5173**	**5.4315**	**2.5256**	**0.4759**	**3.0015**		**1,364.8198**	**1,364.8198**	**0.4414**		**1,375.8551**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8207	0.0000	1.8207	0.9357	0.0000	0.9357			0.0000			0.0000
Off-Road	0.1725	0.7475	7.1557	0.0141		0.0230	0.0230		0.0230	0.0230	0.0000	1,364.8198	1,364.8198	0.4414		1,375.8551
Total	**0.1725**	**0.7475**	**7.1557**	**0.0141**	**1.8207**	**0.0230**	**1.8437**	**0.9357**	**0.0230**	**0.9587**	**0.0000**	**1,364.8198**	**1,364.8198**	**0.4414**		**1,375.8551**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205		1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	0.5240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2117**	**6.7738**	**8.8060**	**0.0135**		**0.3474**	**0.3474**		**0.3205**	**0.3205**		**1,297.3789**	**1,297.3789**	**0.4113**		**1,307.6608**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day											lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2038	0.9684	10.0825	0.0135		0.0320	0.0320		0.0320	0.0320	0.0000	1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	0.5240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7278**	**0.9684**	**10.0825**	**0.0135**		**0.0320**	**0.0320**		**0.0320**	**0.0320**	**0.0000**	**1,297.3789**	**1,297.3789**	**0.4113**		**1,307.6608**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

- Operation Modeled Separately

6. CalEEMod Output
d. Project Operation

MUIR School - Project Operation - San Diego County, Winter

MUIR School - Project Operation

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	33.70	1000sqft	4.70	33,700.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - Construction modeled separately

Vehicle Trips - See Assumptions

Energy Use - See Assumptions

Water And Wastewater - See Assumptions

Solid Waste - See Assumptions

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	1.52	1.06

tblEnergyUse	T24NG	5.44	3.81
tblFleetMix	HHD	0.02	6.1844e-003
tblFleetMix	LDA	0.60	0.55
tblFleetMix	LDT1	0.04	0.06
tblFleetMix	LDT2	0.18	0.18
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD2	5.4790e-003	6.2144e-003
tblFleetMix	MCY	6.0160e-003	0.03
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MH	1.1220e-003	5.1637e-003
tblFleetMix	MHD	0.02	8.4931e-003
tblFleetMix	OBUS	1.9260e-003	7.1516e-004
tblFleetMix	SBUS	7.5300e-004	9.8173e-004
tblFleetMix	UBUS	1.9320e-003	5.5597e-004
tblLandUse	LotAcreage	0.77	4.70
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblSolidWaste	SolidWasteGenerationRate	43.81	51.00
tblVehicleEF	HHD	0.73	0.03
tblVehicleEF	HHD	0.13	0.07
tblVehicleEF	HHD	0.09	5.4513e-007
tblVehicleEF	HHD	2.48	6.66
tblVehicleEF	HHD	1.15	0.48
tblVehicleEF	HHD	3.36	9.0034e-003
tblVehicleEF	HHD	4,674.46	1,118.02
tblVehicleEF	HHD	1,636.66	1,437.27
tblVehicleEF	HHD	10.27	0.10
tblVehicleEF	HHD	20.52	5.75
tblVehicleEF	HHD	3.39	2.66
tblVehicleEF	HHD	19.59	2.38
tblVehicleEF	HHD	0.02	3.1569e-003

tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	1.0100e-004	1.6258e-006
tblVehicleEF	HHD	0.02	3.0204e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8120e-003	8.8684e-003
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	9.3000e-005	1.4949e-006
tblVehicleEF	HHD	9.1000e-005	5.6482e-006
tblVehicleEF	HHD	4.9200e-003	2.7733e-004
tblVehicleEF	HHD	0.61	0.45
tblVehicleEF	HHD	8.5000e-005	5.0833e-006
tblVehicleEF	HHD	0.12	0.03
tblVehicleEF	HHD	4.6500e-004	1.7312e-003
tblVehicleEF	HHD	0.09	2.8476e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.5800e-004	9.4704e-007
tblVehicleEF	HHD	9.1000e-005	5.6482e-006
tblVehicleEF	HHD	4.9200e-003	2.7733e-004
tblVehicleEF	HHD	0.72	0.52
tblVehicleEF	HHD	8.5000e-005	5.0833e-006
tblVehicleEF	HHD	0.26	0.10
tblVehicleEF	HHD	4.6500e-004	1.7312e-003
tblVehicleEF	HHD	0.10	3.1177e-006
tblVehicleEF	HHD	0.69	0.03
tblVehicleEF	HHD	0.13	0.07
tblVehicleEF	HHD	0.09	5.1769e-007
tblVehicleEF	HHD	1.81	6.57

tblVehicleEF	HHD	1.16	0.48
tblVehicleEF	HHD	3.16	8.4623e-003
tblVehicleEF	HHD	4,951.94	1,105.76
tblVehicleEF	HHD	1,636.66	1,437.27
tblVehicleEF	HHD	10.27	0.09
tblVehicleEF	HHD	21.18	5.50
tblVehicleEF	HHD	3.27	2.56
tblVehicleEF	HHD	19.58	2.38
tblVehicleEF	HHD	0.02	2.7490e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	1.0100e-004	1.6258e-006
tblVehicleEF	HHD	0.02	2.6301e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8120e-003	8.8684e-003
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	9.3000e-005	1.4949e-006
tblVehicleEF	HHD	1.3700e-004	8.8476e-006
tblVehicleEF	HHD	5.0790e-003	2.8579e-004
tblVehicleEF	HHD	0.58	0.48
tblVehicleEF	HHD	1.5200e-004	9.7766e-006
tblVehicleEF	HHD	0.12	0.03
tblVehicleEF	HHD	4.5200e-004	1.7111e-003
tblVehicleEF	HHD	0.09	2.7133e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.5500e-004	9.3855e-007
tblVehicleEF	HHD	1.3700e-004	8.8476e-006
tblVehicleEF	HHD	5.0790e-003	2.8579e-004

tblVehicleEF	HHD	0.68	0.55
tblVehicleEF	HHD	1.5200e-004	9.7766e-006
tblVehicleEF	HHD	0.26	0.10
tblVehicleEF	HHD	4.5200e-004	1.7111e-003
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tblVehicleEF	HHD	0.79	0.03
tblVehicleEF	HHD	0.13	0.07
tblVehicleEF	HHD	0.09	5.5712e-007
tblVehicleEF	HHD	3.42	6.80
tblVehicleEF	HHD	1.15	0.48
tblVehicleEF	HHD	3.45	9.2431e-003
tblVehicleEF	HHD	4,291.27	1,134.96
tblVehicleEF	HHD	1,636.66	1,437.27
tblVehicleEF	HHD	10.27	0.10
tblVehicleEF	HHD	19.61	6.09
tblVehicleEF	HHD	3.38	2.65
tblVehicleEF	HHD	19.60	2.38
tblVehicleEF	HHD	0.02	3.7202e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	1.0100e-004	1.6258e-006
tblVehicleEF	HHD	0.02	3.5593e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8120e-003	8.8684e-003
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	9.3000e-005	1.4949e-006
tblVehicleEF	HHD	8.0000e-005	5.1797e-006
tblVehicleEF	HHD	5.3930e-003	3.2264e-004
tblVehicleEF	HHD	0.66	0.41

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tblVehicleEF	HHD	5.1200e-004	1.8666e-003
tblVehicleEF	HHD	0.09	2.9058e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.6000e-004	9.5080e-007
tblVehicleEF	HHD	8.0000e-005	5.1797e-006
tblVehicleEF	HHD	5.3930e-003	3.2264e-004
tblVehicleEF	HHD	0.78	0.48
tblVehicleEF	HHD	7.4000e-005	4.4298e-006
tblVehicleEF	HHD	0.26	0.10
tblVehicleEF	HHD	5.1200e-004	1.8666e-003
tblVehicleEF	HHD	0.10	3.1815e-006
tblVehicleEF	LDA	6.5710e-003	2.0313e-003
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tblVehicleEF	LDA	1.50	2.06
tblVehicleEF	LDA	258.88	253.20
tblVehicleEF	LDA	56.33	51.49
tblVehicleEF	LDA	0.07	0.03
tblVehicleEF	LDA	0.08	0.17
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8710e-003	1.5116e-003
tblVehicleEF	LDA	2.2800e-003	1.7762e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.7250e-003	1.3926e-003
tblVehicleEF	LDA	2.0960e-003	1.6332e-003

tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	7.5890e-003
tblVehicleEF	LDA	0.03	0.20
tblVehicleEF	LDA	0.11	0.20
tblVehicleEF	LDA	2.5930e-003	2.5046e-003
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tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.03	0.20
tblVehicleEF	LDA	0.12	0.22
tblVehicleEF	LDA	7.0760e-003	2.2106e-003
tblVehicleEF	LDA	7.0780e-003	0.04
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tblVehicleEF	LDA	0.06	0.03
tblVehicleEF	LDA	0.07	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8710e-003	1.5116e-003
tblVehicleEF	LDA	2.2800e-003	1.7762e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.7250e-003	1.3926e-003
tblVehicleEF	LDA	2.0960e-003	1.6332e-003

tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.02	8.1608e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.10	0.18
tblVehicleEF	LDA	2.7410e-003	2.6437e-003
tblVehicleEF	LDA	5.8500e-004	5.0307e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.03	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.10	0.19
tblVehicleEF	LDA	6.4620e-003	1.9884e-003
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tblVehicleEF	LDA	256.22	250.66
tblVehicleEF	LDA	56.33	51.77
tblVehicleEF	LDA	0.07	0.03
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8710e-003	1.5116e-003
tblVehicleEF	LDA	2.2800e-003	1.7762e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.7250e-003	1.3926e-003
tblVehicleEF	LDA	2.0960e-003	1.6332e-003

tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	7.4644e-003
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.12	0.21
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tblVehicleEF	LDA	5.9100e-004	5.1227e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.13	0.23
tblVehicleEF	LDT1	0.01	5.8261e-003
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	1.27	1.12
tblVehicleEF	LDT1	3.05	2.32
tblVehicleEF	LDT1	329.67	308.27
tblVehicleEF	LDT1	71.49	63.74
tblVehicleEF	LDT1	0.13	0.10
tblVehicleEF	LDT1	0.18	0.26
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.7500e-003	2.0944e-003
tblVehicleEF	LDT1	3.3690e-003	2.4545e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.5330e-003	1.9276e-003
tblVehicleEF	LDT1	3.0980e-003	2.2569e-003

tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.29	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.20	0.73
tblVehicleEF	LDT1	0.21	0.36
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tblVehicleEF	LDT1	7.6900e-004	6.3072e-004
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.29	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.73
tblVehicleEF	LDT1	0.23	0.40
tblVehicleEF	LDT1	0.01	6.2807e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.41	1.24
tblVehicleEF	LDT1	2.51	1.91
tblVehicleEF	LDT1	347.55	323.06
tblVehicleEF	LDT1	71.49	62.92
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tblVehicleEF	LDT1	0.17	0.24
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.7500e-003	2.0944e-003
tblVehicleEF	LDT1	3.3690e-003	2.4545e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.5330e-003	1.9276e-003
tblVehicleEF	LDT1	3.0980e-003	2.2569e-003

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tblVehicleEF	LDT1	0.31	0.22
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.18	0.67
tblVehicleEF	LDT1	0.18	0.31
tblVehicleEF	LDT1	3.4920e-003	3.1969e-003
tblVehicleEF	LDT1	7.5900e-004	6.2268e-004
tblVehicleEF	LDT1	0.17	0.16
tblVehicleEF	LDT1	0.31	0.22
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.18	0.67
tblVehicleEF	LDT1	0.20	0.34
tblVehicleEF	LDT1	0.01	5.7183e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.25	1.10
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tblVehicleEF	LDT1	326.43	305.60
tblVehicleEF	LDT1	71.49	64.07
tblVehicleEF	LDT1	0.13	0.10
tblVehicleEF	LDT1	0.19	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.7500e-003	2.0944e-003
tblVehicleEF	LDT1	3.3690e-003	2.4545e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.5330e-003	1.9276e-003
tblVehicleEF	LDT1	3.0980e-003	2.2569e-003

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tblVehicleEF	LDT1	0.33	0.24
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.24	0.90
tblVehicleEF	LDT1	0.22	0.38
tblVehicleEF	LDT1	3.2790e-003	3.0241e-003
tblVehicleEF	LDT1	7.7300e-004	6.3407e-004
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.33	0.24
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.24	0.90
tblVehicleEF	LDT1	0.25	0.42
tblVehicleEF	LDT2	5.7120e-003	3.5944e-003
tblVehicleEF	LDT2	6.6590e-003	0.07
tblVehicleEF	LDT2	0.69	0.78
tblVehicleEF	LDT2	1.44	2.66
tblVehicleEF	LDT2	366.61	328.12
tblVehicleEF	LDT2	79.63	68.00
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.11	0.27
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8130e-003	1.5049e-003
tblVehicleEF	LDT2	2.2550e-003	1.7237e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6680e-003	1.3852e-003
tblVehicleEF	LDT2	2.0730e-003	1.5849e-003

tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.43
tblVehicleEF	LDT2	0.09	0.30
tblVehicleEF	LDT2	3.6700e-003	3.2460e-003
tblVehicleEF	LDT2	8.2000e-004	6.7289e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.43
tblVehicleEF	LDT2	0.10	0.33
tblVehicleEF	LDT2	6.1400e-003	3.8952e-003
tblVehicleEF	LDT2	5.7920e-003	0.06
tblVehicleEF	LDT2	0.77	0.87
tblVehicleEF	LDT2	1.19	2.19
tblVehicleEF	LDT2	386.98	342.39
tblVehicleEF	LDT2	79.63	67.13
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.10	0.25
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8130e-003	1.5049e-003
tblVehicleEF	LDT2	2.2550e-003	1.7237e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6680e-003	1.3852e-003
tblVehicleEF	LDT2	2.0730e-003	1.5849e-003

tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.08	0.13
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.26
tblVehicleEF	LDT2	3.8750e-003	3.3872e-003
tblVehicleEF	LDT2	8.1600e-004	6.6428e-004
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.08	0.13
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.09	0.29
tblVehicleEF	LDT2	5.6200e-003	3.5223e-003
tblVehicleEF	LDT2	7.0160e-003	0.07
tblVehicleEF	LDT2	0.67	0.76
tblVehicleEF	LDT2	1.54	2.86
tblVehicleEF	LDT2	362.92	325.54
tblVehicleEF	LDT2	79.63	68.36
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.12	0.28
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8130e-003	1.5049e-003
tblVehicleEF	LDT2	2.2550e-003	1.7237e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6680e-003	1.3852e-003
tblVehicleEF	LDT2	2.0730e-003	1.5849e-003

tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.09	0.32
tblVehicleEF	LDT2	3.6330e-003	3.2205e-003
tblVehicleEF	LDT2	8.2200e-004	6.7650e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.10	0.35
tblVehicleEF	LHD1	4.8830e-003	4.6582e-003
tblVehicleEF	LHD1	0.02	9.0724e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	1.12	0.84
tblVehicleEF	LHD1	2.34	0.96
tblVehicleEF	LHD1	9.28	9.21
tblVehicleEF	LHD1	679.69	771.79
tblVehicleEF	LHD1	28.56	10.50
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.61	1.05
tblVehicleEF	LHD1	0.89	0.29
tblVehicleEF	LHD1	1.0240e-003	9.6896e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.9789e-003
tblVehicleEF	LHD1	0.02	0.01

tblVehicleEF	LHD1	8.6700e-004	2.3535e-004
tblVehicleEF	LHD1	9.8000e-004	9.2705e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5730e-003	2.4947e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	7.9800e-004	2.1640e-004
tblVehicleEF	LHD1	2.2320e-003	1.8173e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6930e-003	1.3874e-003
tblVehicleEF	LHD1	0.14	0.11
tblVehicleEF	LHD1	0.29	0.50
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	9.2000e-005	8.9060e-005
tblVehicleEF	LHD1	6.6560e-003	7.5184e-003
tblVehicleEF	LHD1	3.3000e-004	1.0391e-004
tblVehicleEF	LHD1	2.2320e-003	1.8173e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6930e-003	1.3874e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.29	0.50
tblVehicleEF	LHD1	0.26	0.07
tblVehicleEF	LHD1	4.8830e-003	4.6676e-003
tblVehicleEF	LHD1	0.02	9.2256e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	1.14	0.85
tblVehicleEF	LHD1	2.21	0.91
tblVehicleEF	LHD1	9.28	9.21

tblVehicleEF	LHD1	679.69	771.82
tblVehicleEF	LHD1	28.56	10.41
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.54	1.01
tblVehicleEF	LHD1	0.84	0.27
tblVehicleEF	LHD1	1.0240e-003	9.6896e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.9789e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.6700e-004	2.3535e-004
tblVehicleEF	LHD1	9.8000e-004	9.2705e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5730e-003	2.4947e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	7.9800e-004	2.1640e-004
tblVehicleEF	LHD1	3.2210e-003	2.6282e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.8460e-003	2.3352e-003
tblVehicleEF	LHD1	0.14	0.11
tblVehicleEF	LHD1	0.28	0.48
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9060e-005
tblVehicleEF	LHD1	6.6560e-003	7.5187e-003
tblVehicleEF	LHD1	3.2700e-004	1.0301e-004
tblVehicleEF	LHD1	3.2210e-003	2.6282e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.8460e-003	2.3352e-003
tblVehicleEF	LHD1	0.17	0.13

tblVehicleEF	LHD1	0.28	0.48
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD1	4.8830e-003	4.6541e-003
tblVehicleEF	LHD1	0.02	9.0050e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	1.11	0.83
tblVehicleEF	LHD1	2.40	0.98
tblVehicleEF	LHD1	9.28	9.21
tblVehicleEF	LHD1	679.69	771.78
tblVehicleEF	LHD1	28.56	10.54
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.60	1.04
tblVehicleEF	LHD1	0.91	0.29
tblVehicleEF	LHD1	1.0240e-003	9.6896e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.9789e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.6700e-004	2.3535e-004
tblVehicleEF	LHD1	9.8000e-004	9.2705e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5730e-003	2.4947e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	7.9800e-004	2.1640e-004
tblVehicleEF	LHD1	2.0650e-003	1.6776e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.4970e-003	1.2264e-003
tblVehicleEF	LHD1	0.14	0.11
tblVehicleEF	LHD1	0.32	0.56

tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	9.2000e-005	8.9060e-005
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tblVehicleEF	LHD1	3.3100e-004	1.0433e-004
tblVehicleEF	LHD1	2.0650e-003	1.6776e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4970e-003	1.2264e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.32	0.56
tblVehicleEF	LHD1	0.26	0.08
tblVehicleEF	LHD2	3.5470e-003	3.1629e-003
tblVehicleEF	LHD2	7.9460e-003	7.0780e-003
tblVehicleEF	LHD2	7.1730e-003	8.1367e-003
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tblVehicleEF	LHD2	0.59	0.64
tblVehicleEF	LHD2	1.14	0.58
tblVehicleEF	LHD2	14.13	14.23
tblVehicleEF	LHD2	713.03	771.02
tblVehicleEF	LHD2	24.38	7.63
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	0.93	1.03
tblVehicleEF	LHD2	0.47	0.18
tblVehicleEF	LHD2	1.2730e-003	1.4143e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9800e-004	1.2208e-004
tblVehicleEF	LHD2	1.2180e-003	1.3532e-003
tblVehicleEF	LHD2	0.04	0.04

tblVehicleEF	LHD2	2.6870e-003	2.6921e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.6600e-004	1.1225e-004
tblVehicleEF	LHD2	7.4700e-004	9.0839e-004
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tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.07	0.24
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	1.3800e-004	1.3597e-004
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tblVehicleEF	LHD2	2.6400e-004	7.5482e-005
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tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.2200e-004	7.2787e-004
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.07	0.24
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tblVehicleEF	LHD2	8.0370e-003	7.1358e-003
tblVehicleEF	LHD2	6.8810e-003	7.7997e-003
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tblVehicleEF	LHD2	1.08	0.55
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tblVehicleEF	LHD2	713.03	771.03
tblVehicleEF	LHD2	24.38	7.57
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tblVehicleEF	LHD2	0.89	0.99
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tblVehicleEF	LHD2	1.2730e-003	1.4143e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9800e-004	1.2208e-004
tblVehicleEF	LHD2	1.2180e-003	1.3532e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6870e-003	2.6921e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.6600e-004	1.1225e-004
tblVehicleEF	LHD2	1.0840e-003	1.3168e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0510e-003	1.2283e-003
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tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	1.3800e-004	1.3597e-004
tblVehicleEF	LHD2	6.9350e-003	7.4439e-003
tblVehicleEF	LHD2	2.6300e-004	7.4947e-005
tblVehicleEF	LHD2	1.0840e-003	1.3168e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0510e-003	1.2283e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	3.5470e-003	3.1602e-003

tblVehicleEF	LHD2	7.9070e-003	7.0523e-003
tblVehicleEF	LHD2	7.3040e-003	8.2879e-003
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tblVehicleEF	LHD2	0.59	0.64
tblVehicleEF	LHD2	1.17	0.59
tblVehicleEF	LHD2	14.13	14.23
tblVehicleEF	LHD2	713.03	771.01
tblVehicleEF	LHD2	24.38	7.65
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	0.92	1.02
tblVehicleEF	LHD2	0.48	0.18
tblVehicleEF	LHD2	1.2730e-003	1.4143e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9800e-004	1.2208e-004
tblVehicleEF	LHD2	1.2180e-003	1.3532e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6870e-003	2.6921e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.6600e-004	1.1225e-004
tblVehicleEF	LHD2	6.7000e-004	8.2342e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4800e-004	6.4056e-004
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.07	0.27
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	1.3800e-004	1.3597e-004
tblVehicleEF	LHD2	6.9350e-003	7.4438e-003

tblVehicleEF	LHD2	2.6500e-004	7.5732e-005
tblVehicleEF	LHD2	6.7000e-004	8.2342e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.4800e-004	6.4056e-004
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.07	0.27
tblVehicleEF	LHD2	0.11	0.04
tblVehicleEF	MCY	0.48	0.36
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	20.50	20.36
tblVehicleEF	MCY	9.71	8.62
tblVehicleEF	MCY	182.04	220.59
tblVehicleEF	MCY	45.85	60.38
tblVehicleEF	MCY	1.16	1.16
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.1280e-003	2.0974e-003
tblVehicleEF	MCY	3.8450e-003	2.9889e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.9910e-003	1.9612e-003
tblVehicleEF	MCY	3.6280e-003	2.8140e-003
tblVehicleEF	MCY	0.93	0.93
tblVehicleEF	MCY	0.75	0.74
tblVehicleEF	MCY	0.73	0.73
tblVehicleEF	MCY	2.44	2.43
tblVehicleEF	MCY	0.61	2.01
tblVehicleEF	MCY	2.12	1.86

tblVehicleEF	MCY	2.2270e-003	2.1830e-003
tblVehicleEF	MCY	6.8000e-004	5.9749e-004
tblVehicleEF	MCY	0.93	0.93
tblVehicleEF	MCY	0.75	0.74
tblVehicleEF	MCY	0.73	0.73
tblVehicleEF	MCY	3.01	3.00
tblVehicleEF	MCY	0.61	2.01
tblVehicleEF	MCY	2.30	2.02
tblVehicleEF	MCY	0.47	0.35
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.51	19.39
tblVehicleEF	MCY	8.76	7.73
tblVehicleEF	MCY	182.04	218.78
tblVehicleEF	MCY	45.85	58.13
tblVehicleEF	MCY	1.04	1.04
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.1280e-003	2.0974e-003
tblVehicleEF	MCY	3.8450e-003	2.9889e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.9910e-003	1.9612e-003
tblVehicleEF	MCY	3.6280e-003	2.8140e-003
tblVehicleEF	MCY	1.50	1.51
tblVehicleEF	MCY	0.84	0.84
tblVehicleEF	MCY	1.44	1.43
tblVehicleEF	MCY	2.36	2.35
tblVehicleEF	MCY	0.56	1.86
tblVehicleEF	MCY	1.84	1.61

tblVehicleEF	MCY	2.2090e-003	2.1650e-003
tblVehicleEF	MCY	6.5600e-004	5.7528e-004
tblVehicleEF	MCY	1.50	1.51
tblVehicleEF	MCY	0.84	0.84
tblVehicleEF	MCY	1.44	1.43
tblVehicleEF	MCY	2.92	2.91
tblVehicleEF	MCY	0.56	1.86
tblVehicleEF	MCY	2.00	1.75
tblVehicleEF	MCY	0.49	0.36
tblVehicleEF	MCY	0.16	0.26
tblVehicleEF	MCY	21.18	21.03
tblVehicleEF	MCY	10.20	9.08
tblVehicleEF	MCY	182.04	221.81
tblVehicleEF	MCY	45.85	61.49
tblVehicleEF	MCY	1.17	1.17
tblVehicleEF	MCY	0.32	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.1280e-003	2.0974e-003
tblVehicleEF	MCY	3.8450e-003	2.9889e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.9910e-003	1.9612e-003
tblVehicleEF	MCY	3.6280e-003	2.8140e-003
tblVehicleEF	MCY	0.84	0.85
tblVehicleEF	MCY	1.02	1.00
tblVehicleEF	MCY	0.58	0.58
tblVehicleEF	MCY	2.48	2.47
tblVehicleEF	MCY	0.72	2.38
tblVehicleEF	MCY	2.25	1.98

tblVehicleEF	MCY	2.2390e-003	2.1950e-003
tblVehicleEF	MCY	6.9200e-004	6.0854e-004
tblVehicleEF	MCY	0.84	0.85
tblVehicleEF	MCY	1.02	1.00
tblVehicleEF	MCY	0.58	0.58
tblVehicleEF	MCY	3.06	3.05
tblVehicleEF	MCY	0.72	2.38
tblVehicleEF	MCY	2.44	2.15
tblVehicleEF	MDV	9.9160e-003	4.0849e-003
tblVehicleEF	MDV	0.01	0.08
tblVehicleEF	MDV	1.03	0.82
tblVehicleEF	MDV	2.57	2.97
tblVehicleEF	MDV	489.68	396.95
tblVehicleEF	MDV	105.19	81.91
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.23	0.32
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.9150e-003	1.5942e-003
tblVehicleEF	MDV	2.3700e-003	1.8286e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7650e-003	1.4706e-003
tblVehicleEF	MDV	2.1790e-003	1.6815e-003
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.10	0.45
tblVehicleEF	MDV	0.19	0.37

tblVehicleEF	MDV	4.9010e-003	3.9235e-003
tblVehicleEF	MDV	1.0970e-003	8.1060e-004
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.04	0.02
tblVehicleEF	MDV	0.10	0.45
tblVehicleEF	MDV	0.21	0.40
tblVehicleEF	MDV	0.01	4.4249e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.14	0.91
tblVehicleEF	MDV	2.12	2.45
tblVehicleEF	MDV	516.20	411.39
tblVehicleEF	MDV	105.19	80.91
tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	0.21	0.29
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.9150e-003	1.5942e-003
tblVehicleEF	MDV	2.3700e-003	1.8286e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7650e-003	1.4706e-003
tblVehicleEF	MDV	2.1790e-003	1.6815e-003
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.17	0.15
tblVehicleEF	MDV	0.12	0.15
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.41
tblVehicleEF	MDV	0.17	0.32

tblVehicleEF	MDV	5.1680e-003	4.0665e-003
tblVehicleEF	MDV	1.0890e-003	8.0071e-004
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.17	0.15
tblVehicleEF	MDV	0.12	0.15
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.09	0.41
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	9.7710e-003	4.0052e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.01	0.80
tblVehicleEF	MDV	2.76	3.20
tblVehicleEF	MDV	484.88	394.33
tblVehicleEF	MDV	105.19	82.33
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.24	0.33
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.9150e-003	1.5942e-003
tblVehicleEF	MDV	2.3700e-003	1.8286e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7650e-003	1.4706e-003
tblVehicleEF	MDV	2.1790e-003	1.6815e-003
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.17	0.15
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.54
tblVehicleEF	MDV	0.20	0.39

tblVehicleEF	MDV	4.8530e-003	3.8976e-003
tblVehicleEF	MDV	1.1000e-003	8.1474e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.17	0.15
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.04	0.02
tblVehicleEF	MDV	0.11	0.54
tblVehicleEF	MDV	0.22	0.43
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.18	1.44
tblVehicleEF	MH	6.52	2.11
tblVehicleEF	MH	1,234.82	1,578.48
tblVehicleEF	MH	60.38	18.87
tblVehicleEF	MH	1.60	1.64
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tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2450e-003	2.6553e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2120e-003	3.2783e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1440e-003	2.4414e-004
tblVehicleEF	MH	1.05	0.80
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.55	0.43
tblVehicleEF	MH	0.13	0.09
tblVehicleEF	MH	0.03	1.69
tblVehicleEF	MH	0.37	0.10

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.1700e-004	1.8676e-004
tblVehicleEF	MH	1.05	0.80
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.55	0.43
tblVehicleEF	MH	0.19	0.12
tblVehicleEF	MH	0.03	1.69
tblVehicleEF	MH	0.41	0.11
tblVehicleEF	MH	0.05	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.29	1.48
tblVehicleEF	MH	6.09	1.98
tblVehicleEF	MH	1,234.82	1,578.55
tblVehicleEF	MH	60.38	18.64
tblVehicleEF	MH	1.51	1.56
tblVehicleEF	MH	0.87	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2450e-003	2.6553e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2120e-003	3.2783e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1440e-003	2.4414e-004
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tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.96	0.74
tblVehicleEF	MH	0.14	0.09
tblVehicleEF	MH	0.03	1.64
tblVehicleEF	MH	0.36	0.09

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.1000e-004	1.8448e-004
tblVehicleEF	MH	1.44	1.10
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.96	0.74
tblVehicleEF	MH	0.19	0.12
tblVehicleEF	MH	0.03	1.64
tblVehicleEF	MH	0.39	0.10
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.13	1.42
tblVehicleEF	MH	6.73	2.18
tblVehicleEF	MH	1,234.82	1,578.45
tblVehicleEF	MH	60.38	18.98
tblVehicleEF	MH	1.60	1.63
tblVehicleEF	MH	0.94	0.25
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2450e-003	2.6553e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2120e-003	3.2783e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1440e-003	2.4414e-004
tblVehicleEF	MH	1.08	0.82
tblVehicleEF	MH	0.12	0.09
tblVehicleEF	MH	0.51	0.40
tblVehicleEF	MH	0.13	0.09
tblVehicleEF	MH	0.03	1.81
tblVehicleEF	MH	0.38	0.10

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2100e-004	1.8783e-004
tblVehicleEF	MH	1.08	0.82
tblVehicleEF	MH	0.12	0.09
tblVehicleEF	MH	0.51	0.40
tblVehicleEF	MH	0.18	0.11
tblVehicleEF	MH	0.03	1.81
tblVehicleEF	MH	0.42	0.11
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tblVehicleEF	MHD	5.3890e-003	2.3926e-003
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tblVehicleEF	MHD	0.35	0.42
tblVehicleEF	MHD	0.40	0.31
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tblVehicleEF	MHD	11.10	1.63
tblVehicleEF	MHD	6.9600e-004	4.7804e-004
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.0440e-003	6.6575e-003
tblVehicleEF	MHD	8.7700e-004	1.3445e-004
tblVehicleEF	MHD	6.6600e-004	4.5736e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	5.7770e-003	6.3620e-003
tblVehicleEF	MHD	8.0600e-004	1.2362e-004

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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.6400e-004	3.6794e-004
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tblVehicleEF	MHD	0.02	0.12
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tblVehicleEF	MHD	1.4140e-003	7.6332e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6900e-004	1.0714e-004
tblVehicleEF	MHD	8.6200e-004	4.6961e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.6400e-004	3.6794e-004
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tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.38	0.06
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tblVehicleEF	MHD	0.26	0.36
tblVehicleEF	MHD	0.40	0.31
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tblVehicleEF	MHD	155.67	80.75
tblVehicleEF	MHD	1,202.27	1,110.80
tblVehicleEF	MHD	56.70	10.70
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tblVehicleEF	MHD	11.06	1.63
tblVehicleEF	MHD	5.8700e-004	4.0637e-004

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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.0440e-003	6.6575e-003
tblVehicleEF	MHD	8.7700e-004	1.3445e-004
tblVehicleEF	MHD	5.6100e-004	3.8879e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	5.7770e-003	6.3620e-003
tblVehicleEF	MHD	8.0600e-004	1.2362e-004
tblVehicleEF	MHD	1.2730e-003	6.9170e-004
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tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.1660e-003	6.4106e-004
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	0.02	0.12
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6300e-004	1.0585e-004
tblVehicleEF	MHD	1.2730e-003	6.9170e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	1.1660e-003	6.4106e-004
tblVehicleEF	MHD	0.07	0.03
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.36	0.06
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tblVehicleEF	MHD	0.40	0.30
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tblVehicleEF	MHD	11.12	1.64
tblVehicleEF	MHD	8.4700e-004	5.7701e-004
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.0440e-003	6.6575e-003
tblVehicleEF	MHD	8.7700e-004	1.3445e-004
tblVehicleEF	MHD	8.1000e-004	5.5205e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	5.7770e-003	6.3620e-003
tblVehicleEF	MHD	8.0600e-004	1.2362e-004
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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.8400e-004	3.2364e-004
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tblVehicleEF	MHD	0.02	0.14
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tblVehicleEF	MHD	1.3000e-003	7.5896e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.7200e-004	1.0771e-004
tblVehicleEF	MHD	7.9800e-004	4.3163e-004
tblVehicleEF	MHD	0.05	0.03

tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.8400e-004	3.2364e-004
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tblVehicleEF	MHD	0.02	0.14
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tblVehicleEF	OBUS	0.72	1.09
tblVehicleEF	OBUS	5.98	2.71
tblVehicleEF	OBUS	107.93	83.74
tblVehicleEF	OBUS	1,335.52	1,532.41
tblVehicleEF	OBUS	69.00	20.78
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tblVehicleEF	OBUS	1.67	1.24
tblVehicleEF	OBUS	2.36	0.75
tblVehicleEF	OBUS	1.1200e-004	1.0728e-004
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tblVehicleEF	OBUS	0.01	0.01
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tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
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tblVehicleEF	OBUS	8.2500e-004	2.3535e-004
tblVehicleEF	OBUS	1.3450e-003	2.0587e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05

tblVehicleEF	OBUS	8.6700e-004	1.2748e-003
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tblVehicleEF	OBUS	0.03	0.02
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tblVehicleEF	OBUS	9.5000e-005	9.5324e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3420e-003	7.2660e-003

tblVehicleEF	OBUS	8.9800e-004	2.5596e-004
tblVehicleEF	OBUS	9.1000e-005	9.1200e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	7.0010e-003	6.9275e-003
tblVehicleEF	OBUS	8.2500e-004	2.3535e-004
tblVehicleEF	OBUS	1.9070e-003	2.8932e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	1.5650e-003	2.2630e-003
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.04	0.31
tblVehicleEF	OBUS	0.35	0.12
tblVehicleEF	OBUS	1.0940e-003	7.8891e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8800e-004	2.0271e-004
tblVehicleEF	OBUS	1.9070e-003	2.8932e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.5650e-003	2.2630e-003
tblVehicleEF	OBUS	0.10	0.08
tblVehicleEF	OBUS	0.04	0.31
tblVehicleEF	OBUS	0.39	0.13
tblVehicleEF	OBUS	0.01	8.6109e-003
tblVehicleEF	OBUS	0.01	9.6488e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.30	0.60
tblVehicleEF	OBUS	0.72	1.08
tblVehicleEF	OBUS	6.16	2.80
tblVehicleEF	OBUS	100.46	85.02

tblVehicleEF	OBUS	1,335.52	1,532.39
tblVehicleEF	OBUS	69.00	20.92
tblVehicleEF	OBUS	0.47	0.34
tblVehicleEF	OBUS	1.66	1.24
tblVehicleEF	OBUS	2.39	0.76
tblVehicleEF	OBUS	1.3700e-004	1.2379e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3420e-003	7.2660e-003
tblVehicleEF	OBUS	8.9800e-004	2.5596e-004
tblVehicleEF	OBUS	1.3100e-004	1.1843e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	7.0010e-003	6.9275e-003
tblVehicleEF	OBUS	8.2500e-004	2.3535e-004
tblVehicleEF	OBUS	1.2940e-003	2.0190e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	7.8400e-004	1.1644e-003
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.05	0.35
tblVehicleEF	OBUS	0.38	0.13
tblVehicleEF	OBUS	9.7100e-004	8.0976e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.9800e-004	2.0698e-004
tblVehicleEF	OBUS	1.2940e-003	2.0190e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	7.8400e-004	1.1644e-003
tblVehicleEF	OBUS	0.09	0.07

tblVehicleEF	OBUS	0.05	0.35
tblVehicleEF	OBUS	0.41	0.14
tblVehicleEF	SBUS	0.85	0.03
tblVehicleEF	SBUS	0.02	9.4416e-003
tblVehicleEF	SBUS	0.08	2.7372e-003
tblVehicleEF	SBUS	6.39	1.26
tblVehicleEF	SBUS	0.99	0.75
tblVehicleEF	SBUS	7.20	0.43
tblVehicleEF	SBUS	1,217.58	332.94
tblVehicleEF	SBUS	1,112.40	1,097.57
tblVehicleEF	SBUS	41.62	2.06
tblVehicleEF	SBUS	10.75	4.02
tblVehicleEF	SBUS	4.47	7.31
tblVehicleEF	SBUS	14.36	0.63
tblVehicleEF	SBUS	0.01	5.1425e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.6200e-004	3.2735e-005
tblVehicleEF	SBUS	0.01	4.9201e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.7210e-003	2.8312e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.0100e-004	3.0099e-005
tblVehicleEF	SBUS	2.2640e-003	4.9494e-004
tblVehicleEF	SBUS	0.03	5.2412e-003
tblVehicleEF	SBUS	0.76	0.13
tblVehicleEF	SBUS	1.4470e-003	2.4303e-004
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.01	0.03

tblVehicleEF	SBUS	0.36	0.02
tblVehicleEF	SBUS	0.01	3.1568e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.4000e-004	2.0416e-005
tblVehicleEF	SBUS	2.2640e-003	4.9494e-004
tblVehicleEF	SBUS	0.03	5.2412e-003
tblVehicleEF	SBUS	1.10	0.18
tblVehicleEF	SBUS	1.4470e-003	2.4303e-004
tblVehicleEF	SBUS	0.15	0.15
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.40	0.02
tblVehicleEF	SBUS	0.85	0.03
tblVehicleEF	SBUS	0.02	9.5713e-003
tblVehicleEF	SBUS	0.07	2.3802e-003
tblVehicleEF	SBUS	6.25	1.21
tblVehicleEF	SBUS	1.01	0.77
tblVehicleEF	SBUS	5.63	0.34
tblVehicleEF	SBUS	1,277.73	344.72
tblVehicleEF	SBUS	1,112.40	1,097.59
tblVehicleEF	SBUS	41.62	1.91
tblVehicleEF	SBUS	11.09	4.13
tblVehicleEF	SBUS	4.31	7.04
tblVehicleEF	SBUS	14.33	0.63
tblVehicleEF	SBUS	9.1780e-003	4.3416e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.6200e-004	3.2735e-005
tblVehicleEF	SBUS	8.7810e-003	4.1537e-003
tblVehicleEF	SBUS	0.32	0.32

tblVehicleEF	SBUS	2.7210e-003	2.8312e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.0100e-004	3.0099e-005
tblVehicleEF	SBUS	3.1990e-003	6.9798e-004
tblVehicleEF	SBUS	0.03	5.4960e-003
tblVehicleEF	SBUS	0.76	0.13
tblVehicleEF	SBUS	2.6190e-003	4.5759e-004
tblVehicleEF	SBUS	0.12	0.13
tblVehicleEF	SBUS	9.7500e-003	0.03
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	0.01	3.2681e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.1400e-004	1.8864e-005
tblVehicleEF	SBUS	3.1990e-003	6.9798e-004
tblVehicleEF	SBUS	0.03	5.4960e-003
tblVehicleEF	SBUS	1.09	0.18
tblVehicleEF	SBUS	2.6190e-003	4.5759e-004
tblVehicleEF	SBUS	0.15	0.15
tblVehicleEF	SBUS	9.7500e-003	0.03
tblVehicleEF	SBUS	0.35	0.02
tblVehicleEF	SBUS	0.85	0.03
tblVehicleEF	SBUS	0.02	9.3811e-003
tblVehicleEF	SBUS	0.08	2.9137e-003
tblVehicleEF	SBUS	6.57	1.32
tblVehicleEF	SBUS	0.98	0.75
tblVehicleEF	SBUS	7.98	0.48
tblVehicleEF	SBUS	1,134.53	316.67
tblVehicleEF	SBUS	1,112.40	1,097.55
tblVehicleEF	SBUS	41.62	2.14
tblVehicleEF	SBUS	10.28	3.87

tblVehicleEF	SBUS	4.45	7.28
tblVehicleEF	SBUS	14.38	0.63
tblVehicleEF	SBUS	0.01	6.2487e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.6200e-004	3.2735e-005
tblVehicleEF	SBUS	0.01	5.9784e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.7210e-003	2.8312e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.0100e-004	3.0099e-005
tblVehicleEF	SBUS	2.1690e-003	5.1290e-004
tblVehicleEF	SBUS	0.03	5.7416e-003
tblVehicleEF	SBUS	0.77	0.13
tblVehicleEF	SBUS	1.2940e-003	2.1637e-004
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.39	0.02
tblVehicleEF	SBUS	0.01	3.0031e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5400e-004	2.1188e-005
tblVehicleEF	SBUS	2.1690e-003	5.1290e-004
tblVehicleEF	SBUS	0.03	5.7416e-003
tblVehicleEF	SBUS	1.10	0.18
tblVehicleEF	SBUS	1.2940e-003	2.1637e-004
tblVehicleEF	SBUS	0.15	0.15
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.42	0.02
tblVehicleEF	UBUS	1.78	4.89

tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	7.77	38.17
tblVehicleEF	UBUS	7.08	1.23
tblVehicleEF	UBUS	1,933.83	1,906.11
tblVehicleEF	UBUS	113.34	14.21
tblVehicleEF	UBUS	7.53	0.40
tblVehicleEF	UBUS	14.15	0.13
tblVehicleEF	UBUS	0.58	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.0811e-003
tblVehicleEF	UBUS	9.4400e-004	1.6787e-004
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.1456e-003
tblVehicleEF	UBUS	0.11	2.9269e-003
tblVehicleEF	UBUS	8.6800e-004	1.5435e-004
tblVehicleEF	UBUS	2.1660e-003	4.8756e-004
tblVehicleEF	UBUS	0.04	5.1135e-003
tblVehicleEF	UBUS	2.1210e-003	4.1677e-004
tblVehicleEF	UBUS	0.56	0.07
tblVehicleEF	UBUS	9.1180e-003	0.02
tblVehicleEF	UBUS	0.62	0.06
tblVehicleEF	UBUS	0.01	3.7919e-003
tblVehicleEF	UBUS	1.2630e-003	1.4062e-004
tblVehicleEF	UBUS	2.1660e-003	4.8756e-004
tblVehicleEF	UBUS	0.04	5.1135e-003
tblVehicleEF	UBUS	2.1210e-003	4.1677e-004
tblVehicleEF	UBUS	2.40	5.00
tblVehicleEF	UBUS	9.1180e-003	0.02
tblVehicleEF	UBUS	0.68	0.06
tblVehicleEF	UBUS	1.78	4.89

tblVehicleEF	UBUS	0.04	0.01
tblVehicleEF	UBUS	7.79	38.17
tblVehicleEF	UBUS	6.04	1.06
tblVehicleEF	UBUS	1,933.83	1,906.11
tblVehicleEF	UBUS	113.34	13.93
tblVehicleEF	UBUS	7.26	0.40
tblVehicleEF	UBUS	14.10	0.13
tblVehicleEF	UBUS	0.58	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.0811e-003
tblVehicleEF	UBUS	9.4400e-004	1.6787e-004
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.1456e-003
tblVehicleEF	UBUS	0.11	2.9269e-003
tblVehicleEF	UBUS	8.6800e-004	1.5435e-004
tblVehicleEF	UBUS	2.6630e-003	7.0838e-004
tblVehicleEF	UBUS	0.05	5.5753e-003
tblVehicleEF	UBUS	3.7880e-003	7.9861e-004
tblVehicleEF	UBUS	0.56	0.07
tblVehicleEF	UBUS	8.1560e-003	0.02
tblVehicleEF	UBUS	0.57	0.05
tblVehicleEF	UBUS	0.01	3.7919e-003
tblVehicleEF	UBUS	1.2450e-003	1.3782e-004
tblVehicleEF	UBUS	2.6630e-003	7.0838e-004
tblVehicleEF	UBUS	0.05	5.5753e-003
tblVehicleEF	UBUS	3.7880e-003	7.9861e-004
tblVehicleEF	UBUS	2.40	5.00
tblVehicleEF	UBUS	8.1560e-003	0.02
tblVehicleEF	UBUS	0.62	0.06
tblVehicleEF	UBUS	1.77	4.89

tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	7.76	38.17
tblVehicleEF	UBUS	7.54	1.31
tblVehicleEF	UBUS	1,933.83	1,906.11
tblVehicleEF	UBUS	113.34	14.34
tblVehicleEF	UBUS	7.49	0.40
tblVehicleEF	UBUS	14.18	0.14
tblVehicleEF	UBUS	0.58	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.0811e-003
tblVehicleEF	UBUS	9.4400e-004	1.6787e-004
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.1456e-003
tblVehicleEF	UBUS	0.11	2.9269e-003
tblVehicleEF	UBUS	8.6800e-004	1.5435e-004
tblVehicleEF	UBUS	2.0060e-003	4.5034e-004
tblVehicleEF	UBUS	0.05	5.9527e-003
tblVehicleEF	UBUS	1.9230e-003	3.7257e-004
tblVehicleEF	UBUS	0.56	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.65	0.06
tblVehicleEF	UBUS	0.01	3.7919e-003
tblVehicleEF	UBUS	1.2710e-003	1.4191e-004
tblVehicleEF	UBUS	2.0060e-003	4.5034e-004
tblVehicleEF	UBUS	0.05	5.9527e-003
tblVehicleEF	UBUS	1.9230e-003	3.7257e-004
tblVehicleEF	UBUS	2.40	5.00
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.71	0.07
tblVehicleTrips	WD_TR	15.43	29.11

tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	977,196.11	492,020.00
tblWater	OutdoorWaterUseRate	2,512,790.00	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

-No Construction

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.9355	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.3800e-003	7.3800e-003	2.0000e-005		7.8600e-003
Energy	4.2700e-003	0.0388	0.0326	2.3000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003		46.5989	46.5989	8.9000e-004	8.5000e-004	46.8758
Mobile	3.3593	2.7064	22.3226	0.0431	4.5535	0.0348	4.5883	1.2130	0.0325	1.2455		4,390.6691	4,390.6691	0.3519		4,399.4667
Total	**4.2990**	**2.7453**	**22.3587**	**0.0433**	**4.5535**	**0.0378**	**4.5913**	**1.2130**	**0.0354**	**1.2484**		**4,437.2753**	**4,437.2753**	**0.3528**	**8.5000e-004**	**4,446.3503**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Area	0.9355	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.3800e-003	7.3800e-003	2.0000e-005		7.8600e-003
Energy	4.2700e-003	0.0388	0.0326	2.3000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003		46.5989	46.5989	8.9000e-004	8.5000e-004	46.8758
Mobile	3.3593	2.7064	22.3226	0.0431	4.5535	0.0348	4.5883	1.2130	0.0325	1.2455		4,390.6691	4,390.6691	0.3519		4,399.4667
Total	**4.2990**	**2.7453**	**22.3587**	**0.0433**	**4.5535**	**0.0378**	**4.5913**	**1.2130**	**0.0354**	**1.2484**		**4,437.2753**	**4,437.2753**	**0.3528**	**8.5000e-004**	**4,446.3503**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

-No Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.3593	2.7064	22.3226	0.0431	4.5535	0.0348	4.5883	1.2130	0.0325	1.2455		4,390.6691	4,390.6691	0.3519		4,399.4667
Unmitigated	3.3593	2.7064	22.3226	0.0431	4.5535	0.0348	4.5883	1.2130	0.0325	1.2455		4,390.6691	4,390.6691	0.3519		4,399.4667

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT

Elementary School	981.01	0.00	0.00	1,545,043	1,545,043
Total	981.01	0.00	0.00	1,545,043	1,545,043

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.553514	0.062792	0.181046	0.120736	0.024419	0.006214	0.008493	0.006184	0.000715	0.000556	0.029185	0.000982	0.005164

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	4.2700e-003	0.0388	0.0326	2.3000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003		46.5989	46.5989	8.9000e-004	8.5000e-004	46.8758
NaturalGas Unmitigated	4.2700e-003	0.0388	0.0326	2.3000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003		46.5989	46.5989	8.9000e-004	8.5000e-004	46.8758

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	396.09	4.2700e-003	0.0388	0.0326	2.3000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003		46.5989	46.5989	8.9000e-004	8.5000e-004	46.8758
Total		**4.2700e-003**	**0.0388**	**0.0326**	**2.3000e-004**		**2.9500e-003**	**2.9500e-003**		**2.9500e-003**	**2.9500e-003**		**46.5989**	**46.5989**	**8.9000e-004**	**8.5000e-004**	**46.8758**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	0.39609	4.2700e-003	0.0388	0.0326	2.3000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003		46.5989	46.5989	8.9000e-004	8.5000e-004	46.8758
Total		**4.2700e-003**	**0.0388**	**0.0326**	**2.3000e-004**		**2.9500e-003**	**2.9500e-003**		**2.9500e-003**	**2.9500e-003**		**46.5989**	**46.5989**	**8.9000e-004**	**8.5000e-004**	**46.8758**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9355	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.3800e-003	7.3800e-003	2.0000e-005		7.8600e-003
Unmitigated	0.9355	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.3800e-003	7.3800e-003	2.0000e-005		7.8600e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2140					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7212					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.2000e-004	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.3800e-003	7.3800e-003	2.0000e-005		7.8600e-003
Total	**0.9355**	**3.0000e-005**	**3.4500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**7.3800e-003**	**7.3800e-003**	**2.0000e-005**		**7.8600e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2140					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7212					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Landscaping	3.2000e-004	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.3800e-003	7.3800e-003	2.0000e-005		7.8600e-003
Total	**0.9355**	**3.0000e-005**	**3.4500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**7.3800e-003**	**7.3800e-003**	**2.0000e-005**		**7.8600e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

MUIR School - Project Operation - San Diego County, Summer

MUIR School - Project Operation

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	33.70	1000sqft	4.70	33,700.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - Construction modeled separately

Vehicle Trips - See Assumptions

Energy Use - See Assumptions

Water And Wastewater - See Assumptions

Solid Waste - See Assumptions

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	1.52	1.06

tblEnergyUse	T24NG	5.44	3.81
tblFleetMix	HHD	0.02	6.1844e-003
tblFleetMix	LDA	0.60	0.55
tblFleetMix	LDT1	0.04	0.06
tblFleetMix	LDT2	0.18	0.18
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD2	5.4790e-003	6.2144e-003
tblFleetMix	MCY	6.0160e-003	0.03
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MH	1.1220e-003	5.1637e-003
tblFleetMix	MHD	0.02	8.4931e-003
tblFleetMix	OBUS	1.9260e-003	7.1516e-004
tblFleetMix	SBUS	7.5300e-004	9.8173e-004
tblFleetMix	UBUS	1.9320e-003	5.5597e-004
tblLandUse	LotAcreage	0.77	4.70
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblSolidWaste	SolidWasteGenerationRate	43.81	51.00
tblVehicleEF	HHD	0.73	0.03
tblVehicleEF	HHD	0.13	0.07
tblVehicleEF	HHD	0.09	5.4513e-007
tblVehicleEF	HHD	2.48	6.66
tblVehicleEF	HHD	1.15	0.48
tblVehicleEF	HHD	3.36	9.0034e-003
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tblVehicleEF	HHD	1,636.66	1,437.27
tblVehicleEF	HHD	10.27	0.10
tblVehicleEF	HHD	20.52	5.75
tblVehicleEF	HHD	3.39	2.66
tblVehicleEF	HHD	19.59	2.38
tblVehicleEF	HHD	0.02	3.1569e-003

tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	1.0100e-004	1.6258e-006
tblVehicleEF	HHD	0.02	3.0204e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8120e-003	8.8684e-003
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	9.3000e-005	1.4949e-006
tblVehicleEF	HHD	9.1000e-005	5.6482e-006
tblVehicleEF	HHD	4.9200e-003	2.7733e-004
tblVehicleEF	HHD	0.61	0.45
tblVehicleEF	HHD	8.5000e-005	5.0833e-006
tblVehicleEF	HHD	0.12	0.03
tblVehicleEF	HHD	4.6500e-004	1.7312e-003
tblVehicleEF	HHD	0.09	2.8476e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.5800e-004	9.4704e-007
tblVehicleEF	HHD	9.1000e-005	5.6482e-006
tblVehicleEF	HHD	4.9200e-003	2.7733e-004
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tblVehicleEF	HHD	8.5000e-005	5.0833e-006
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tblVehicleEF	HHD	4.6500e-004	1.7312e-003
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tblVehicleEF	HHD	0.13	0.07
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tblVehicleEF	HHD	3.16	8.4623e-003
tblVehicleEF	HHD	4,951.94	1,105.76
tblVehicleEF	HHD	1,636.66	1,437.27
tblVehicleEF	HHD	10.27	0.09
tblVehicleEF	HHD	21.18	5.50
tblVehicleEF	HHD	3.27	2.56
tblVehicleEF	HHD	19.58	2.38
tblVehicleEF	HHD	0.02	2.7490e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	1.0100e-004	1.6258e-006
tblVehicleEF	HHD	0.02	2.6301e-003
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tblVehicleEF	HHD	8.8120e-003	8.8684e-003
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	9.3000e-005	1.4949e-006
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tblVehicleEF	HHD	5.0790e-003	2.8579e-004
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tblVehicleEF	HHD	0.01	0.01
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tblVehicleEF	HHD	5.0790e-003	2.8579e-004

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tblVehicleEF	HHD	19.61	6.09
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tblVehicleEF	HHD	19.60	2.38
tblVehicleEF	HHD	0.02	3.7202e-003
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tblVehicleEF	HHD	0.04	0.04
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tblVehicleEF	HHD	8.8120e-003	8.8684e-003
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tblVehicleEF	HHD	8.0000e-005	5.1797e-006
tblVehicleEF	HHD	5.3930e-003	3.2264e-004
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tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.6000e-004	9.5080e-007
tblVehicleEF	HHD	8.0000e-005	5.1797e-006
tblVehicleEF	HHD	5.3930e-003	3.2264e-004
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tblVehicleEF	HHD	7.4000e-005	4.4298e-006
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tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.7250e-003	1.3926e-003
tblVehicleEF	LDA	2.0960e-003	1.6332e-003

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tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
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tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.03	0.20
tblVehicleEF	LDA	0.12	0.22
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tblVehicleEF	LDA	2.2800e-003	1.7762e-003
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tblVehicleEF	LDA	2.0000e-003	2.0000e-003
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tblVehicleEF	LDA	2.0960e-003	1.6332e-003

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tblVehicleEF	LDA	0.05	0.07
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tblVehicleEF	LDA	0.10	0.18
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tblVehicleEF	LDA	0.03	0.01
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tblVehicleEF	LDA	0.10	0.19
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tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8710e-003	1.5116e-003
tblVehicleEF	LDA	2.2800e-003	1.7762e-003
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tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.7250e-003	1.3926e-003
tblVehicleEF	LDA	2.0960e-003	1.6332e-003

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tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.01
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tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	1.27	1.12
tblVehicleEF	LDT1	3.05	2.32
tblVehicleEF	LDT1	329.67	308.27
tblVehicleEF	LDT1	71.49	63.74
tblVehicleEF	LDT1	0.13	0.10
tblVehicleEF	LDT1	0.18	0.26
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.7500e-003	2.0944e-003
tblVehicleEF	LDT1	3.3690e-003	2.4545e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.5330e-003	1.9276e-003
tblVehicleEF	LDT1	3.0980e-003	2.2569e-003

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tblVehicleEF	LDT1	0.29	0.21
tblVehicleEF	LDT1	0.12	0.12
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tblVehicleEF	LDT1	0.20	0.73
tblVehicleEF	LDT1	0.21	0.36
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tblVehicleEF	LDT1	7.6900e-004	6.3072e-004
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tblVehicleEF	LDT1	0.29	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.73
tblVehicleEF	LDT1	0.23	0.40
tblVehicleEF	LDT1	0.01	6.2807e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.41	1.24
tblVehicleEF	LDT1	2.51	1.91
tblVehicleEF	LDT1	347.55	323.06
tblVehicleEF	LDT1	71.49	62.92
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tblVehicleEF	LDT1	0.17	0.24
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
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tblVehicleEF	LDT1	3.3690e-003	2.4545e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.5330e-003	1.9276e-003
tblVehicleEF	LDT1	3.0980e-003	2.2569e-003

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tblVehicleEF	LDT1	0.31	0.22
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.18	0.67
tblVehicleEF	LDT1	0.18	0.31
tblVehicleEF	LDT1	3.4920e-003	3.1969e-003
tblVehicleEF	LDT1	7.5900e-004	6.2268e-004
tblVehicleEF	LDT1	0.17	0.16
tblVehicleEF	LDT1	0.31	0.22
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.18	0.67
tblVehicleEF	LDT1	0.20	0.34
tblVehicleEF	LDT1	0.01	5.7183e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.25	1.10
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tblVehicleEF	LDT1	326.43	305.60
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tblVehicleEF	LDT1	0.13	0.10
tblVehicleEF	LDT1	0.19	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.7500e-003	2.0944e-003
tblVehicleEF	LDT1	3.3690e-003	2.4545e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.5330e-003	1.9276e-003
tblVehicleEF	LDT1	3.0980e-003	2.2569e-003

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tblVehicleEF	LDT1	0.33	0.24
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.24	0.90
tblVehicleEF	LDT1	0.22	0.38
tblVehicleEF	LDT1	3.2790e-003	3.0241e-003
tblVehicleEF	LDT1	7.7300e-004	6.3407e-004
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.33	0.24
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.24	0.90
tblVehicleEF	LDT1	0.25	0.42
tblVehicleEF	LDT2	5.7120e-003	3.5944e-003
tblVehicleEF	LDT2	6.6590e-003	0.07
tblVehicleEF	LDT2	0.69	0.78
tblVehicleEF	LDT2	1.44	2.66
tblVehicleEF	LDT2	366.61	328.12
tblVehicleEF	LDT2	79.63	68.00
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.11	0.27
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8130e-003	1.5049e-003
tblVehicleEF	LDT2	2.2550e-003	1.7237e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6680e-003	1.3852e-003
tblVehicleEF	LDT2	2.0730e-003	1.5849e-003

tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.43
tblVehicleEF	LDT2	0.09	0.30
tblVehicleEF	LDT2	3.6700e-003	3.2460e-003
tblVehicleEF	LDT2	8.2000e-004	6.7289e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.43
tblVehicleEF	LDT2	0.10	0.33
tblVehicleEF	LDT2	6.1400e-003	3.8952e-003
tblVehicleEF	LDT2	5.7920e-003	0.06
tblVehicleEF	LDT2	0.77	0.87
tblVehicleEF	LDT2	1.19	2.19
tblVehicleEF	LDT2	386.98	342.39
tblVehicleEF	LDT2	79.63	67.13
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.10	0.25
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8130e-003	1.5049e-003
tblVehicleEF	LDT2	2.2550e-003	1.7237e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6680e-003	1.3852e-003
tblVehicleEF	LDT2	2.0730e-003	1.5849e-003

tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.08	0.13
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.26
tblVehicleEF	LDT2	3.8750e-003	3.3872e-003
tblVehicleEF	LDT2	8.1600e-004	6.6428e-004
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.08	0.13
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.09	0.29
tblVehicleEF	LDT2	5.6200e-003	3.5223e-003
tblVehicleEF	LDT2	7.0160e-003	0.07
tblVehicleEF	LDT2	0.67	0.76
tblVehicleEF	LDT2	1.54	2.86
tblVehicleEF	LDT2	362.92	325.54
tblVehicleEF	LDT2	79.63	68.36
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.12	0.28
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8130e-003	1.5049e-003
tblVehicleEF	LDT2	2.2550e-003	1.7237e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6680e-003	1.3852e-003
tblVehicleEF	LDT2	2.0730e-003	1.5849e-003

tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.09	0.32
tblVehicleEF	LDT2	3.6330e-003	3.2205e-003
tblVehicleEF	LDT2	8.2200e-004	6.7650e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.10	0.35
tblVehicleEF	LHD1	4.8830e-003	4.6582e-003
tblVehicleEF	LHD1	0.02	9.0724e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	1.12	0.84
tblVehicleEF	LHD1	2.34	0.96
tblVehicleEF	LHD1	9.28	9.21
tblVehicleEF	LHD1	679.69	771.79
tblVehicleEF	LHD1	28.56	10.50
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.61	1.05
tblVehicleEF	LHD1	0.89	0.29
tblVehicleEF	LHD1	1.0240e-003	9.6896e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.9789e-003
tblVehicleEF	LHD1	0.02	0.01

tblVehicleEF	LHD1	8.6700e-004	2.3535e-004
tblVehicleEF	LHD1	9.8000e-004	9.2705e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5730e-003	2.4947e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	7.9800e-004	2.1640e-004
tblVehicleEF	LHD1	2.2320e-003	1.8173e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6930e-003	1.3874e-003
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tblVehicleEF	LHD1	0.29	0.50
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	9.2000e-005	8.9060e-005
tblVehicleEF	LHD1	6.6560e-003	7.5184e-003
tblVehicleEF	LHD1	3.3000e-004	1.0391e-004
tblVehicleEF	LHD1	2.2320e-003	1.8173e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6930e-003	1.3874e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.29	0.50
tblVehicleEF	LHD1	0.26	0.07
tblVehicleEF	LHD1	4.8830e-003	4.6676e-003
tblVehicleEF	LHD1	0.02	9.2256e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	1.14	0.85
tblVehicleEF	LHD1	2.21	0.91
tblVehicleEF	LHD1	9.28	9.21

tblVehicleEF	LHD1	679.69	771.82
tblVehicleEF	LHD1	28.56	10.41
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.54	1.01
tblVehicleEF	LHD1	0.84	0.27
tblVehicleEF	LHD1	1.0240e-003	9.6896e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.9789e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.6700e-004	2.3535e-004
tblVehicleEF	LHD1	9.8000e-004	9.2705e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5730e-003	2.4947e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	7.9800e-004	2.1640e-004
tblVehicleEF	LHD1	3.2210e-003	2.6282e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.8460e-003	2.3352e-003
tblVehicleEF	LHD1	0.14	0.11
tblVehicleEF	LHD1	0.28	0.48
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9060e-005
tblVehicleEF	LHD1	6.6560e-003	7.5187e-003
tblVehicleEF	LHD1	3.2700e-004	1.0301e-004
tblVehicleEF	LHD1	3.2210e-003	2.6282e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.8460e-003	2.3352e-003
tblVehicleEF	LHD1	0.17	0.13

tblVehicleEF	LHD1	0.28	0.48
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD1	4.8830e-003	4.6541e-003
tblVehicleEF	LHD1	0.02	9.0050e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	1.11	0.83
tblVehicleEF	LHD1	2.40	0.98
tblVehicleEF	LHD1	9.28	9.21
tblVehicleEF	LHD1	679.69	771.78
tblVehicleEF	LHD1	28.56	10.54
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.60	1.04
tblVehicleEF	LHD1	0.91	0.29
tblVehicleEF	LHD1	1.0240e-003	9.6896e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.9789e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.6700e-004	2.3535e-004
tblVehicleEF	LHD1	9.8000e-004	9.2705e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5730e-003	2.4947e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	7.9800e-004	2.1640e-004
tblVehicleEF	LHD1	2.0650e-003	1.6776e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.4970e-003	1.2264e-003
tblVehicleEF	LHD1	0.14	0.11
tblVehicleEF	LHD1	0.32	0.56

tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	9.2000e-005	8.9060e-005
tblVehicleEF	LHD1	6.6560e-003	7.5183e-003
tblVehicleEF	LHD1	3.3100e-004	1.0433e-004
tblVehicleEF	LHD1	2.0650e-003	1.6776e-003
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tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4970e-003	1.2264e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.32	0.56
tblVehicleEF	LHD1	0.26	0.08
tblVehicleEF	LHD2	3.5470e-003	3.1629e-003
tblVehicleEF	LHD2	7.9460e-003	7.0780e-003
tblVehicleEF	LHD2	7.1730e-003	8.1367e-003
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tblVehicleEF	LHD2	0.59	0.64
tblVehicleEF	LHD2	1.14	0.58
tblVehicleEF	LHD2	14.13	14.23
tblVehicleEF	LHD2	713.03	771.02
tblVehicleEF	LHD2	24.38	7.63
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	0.93	1.03
tblVehicleEF	LHD2	0.47	0.18
tblVehicleEF	LHD2	1.2730e-003	1.4143e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9800e-004	1.2208e-004
tblVehicleEF	LHD2	1.2180e-003	1.3532e-003
tblVehicleEF	LHD2	0.04	0.04

tblVehicleEF	LHD2	2.6870e-003	2.6921e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.6600e-004	1.1225e-004
tblVehicleEF	LHD2	7.4700e-004	9.0839e-004
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tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.2200e-004	7.2787e-004
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.07	0.24
tblVehicleEF	LHD2	0.10	0.04
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tblVehicleEF	LHD2	6.9350e-003	7.4438e-003
tblVehicleEF	LHD2	2.6400e-004	7.5482e-005
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tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.2200e-004	7.2787e-004
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.07	0.24
tblVehicleEF	LHD2	0.11	0.04
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tblVehicleEF	LHD2	8.0370e-003	7.1358e-003
tblVehicleEF	LHD2	6.8810e-003	7.7997e-003
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tblVehicleEF	LHD2	1.08	0.55
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tblVehicleEF	LHD2	713.03	771.03
tblVehicleEF	LHD2	24.38	7.57
tblVehicleEF	LHD2	0.11	0.10

tblVehicleEF	LHD2	0.89	0.99
tblVehicleEF	LHD2	0.45	0.17
tblVehicleEF	LHD2	1.2730e-003	1.4143e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9800e-004	1.2208e-004
tblVehicleEF	LHD2	1.2180e-003	1.3532e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6870e-003	2.6921e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.6600e-004	1.1225e-004
tblVehicleEF	LHD2	1.0840e-003	1.3168e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0510e-003	1.2283e-003
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tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.09	0.04
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tblVehicleEF	LHD2	2.6300e-004	7.4947e-005
tblVehicleEF	LHD2	1.0840e-003	1.3168e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0510e-003	1.2283e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	3.5470e-003	3.1602e-003

tblVehicleEF	LHD2	7.9070e-003	7.0523e-003
tblVehicleEF	LHD2	7.3040e-003	8.2879e-003
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tblVehicleEF	LHD2	0.59	0.64
tblVehicleEF	LHD2	1.17	0.59
tblVehicleEF	LHD2	14.13	14.23
tblVehicleEF	LHD2	713.03	771.01
tblVehicleEF	LHD2	24.38	7.65
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	0.92	1.02
tblVehicleEF	LHD2	0.48	0.18
tblVehicleEF	LHD2	1.2730e-003	1.4143e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9800e-004	1.2208e-004
tblVehicleEF	LHD2	1.2180e-003	1.3532e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6870e-003	2.6921e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.6600e-004	1.1225e-004
tblVehicleEF	LHD2	6.7000e-004	8.2342e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4800e-004	6.4056e-004
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.07	0.27
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	1.3800e-004	1.3597e-004
tblVehicleEF	LHD2	6.9350e-003	7.4438e-003

tblVehicleEF	LHD2	2.6500e-004	7.5732e-005
tblVehicleEF	LHD2	6.7000e-004	8.2342e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.4800e-004	6.4056e-004
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.07	0.27
tblVehicleEF	LHD2	0.11	0.04
tblVehicleEF	MCY	0.48	0.36
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	20.50	20.36
tblVehicleEF	MCY	9.71	8.62
tblVehicleEF	MCY	182.04	220.59
tblVehicleEF	MCY	45.85	60.38
tblVehicleEF	MCY	1.16	1.16
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.1280e-003	2.0974e-003
tblVehicleEF	MCY	3.8450e-003	2.9889e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.9910e-003	1.9612e-003
tblVehicleEF	MCY	3.6280e-003	2.8140e-003
tblVehicleEF	MCY	0.93	0.93
tblVehicleEF	MCY	0.75	0.74
tblVehicleEF	MCY	0.73	0.73
tblVehicleEF	MCY	2.44	2.43
tblVehicleEF	MCY	0.61	2.01
tblVehicleEF	MCY	2.12	1.86

tblVehicleEF	MCY	2.2270e-003	2.1830e-003
tblVehicleEF	MCY	6.8000e-004	5.9749e-004
tblVehicleEF	MCY	0.93	0.93
tblVehicleEF	MCY	0.75	0.74
tblVehicleEF	MCY	0.73	0.73
tblVehicleEF	MCY	3.01	3.00
tblVehicleEF	MCY	0.61	2.01
tblVehicleEF	MCY	2.30	2.02
tblVehicleEF	MCY	0.47	0.35
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.51	19.39
tblVehicleEF	MCY	8.76	7.73
tblVehicleEF	MCY	182.04	218.78
tblVehicleEF	MCY	45.85	58.13
tblVehicleEF	MCY	1.04	1.04
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.1280e-003	2.0974e-003
tblVehicleEF	MCY	3.8450e-003	2.9889e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.9910e-003	1.9612e-003
tblVehicleEF	MCY	3.6280e-003	2.8140e-003
tblVehicleEF	MCY	1.50	1.51
tblVehicleEF	MCY	0.84	0.84
tblVehicleEF	MCY	1.44	1.43
tblVehicleEF	MCY	2.36	2.35
tblVehicleEF	MCY	0.56	1.86
tblVehicleEF	MCY	1.84	1.61

tblVehicleEF	MCY	2.2090e-003	2.1650e-003
tblVehicleEF	MCY	6.5600e-004	5.7528e-004
tblVehicleEF	MCY	1.50	1.51
tblVehicleEF	MCY	0.84	0.84
tblVehicleEF	MCY	1.44	1.43
tblVehicleEF	MCY	2.92	2.91
tblVehicleEF	MCY	0.56	1.86
tblVehicleEF	MCY	2.00	1.75
tblVehicleEF	MCY	0.49	0.36
tblVehicleEF	MCY	0.16	0.26
tblVehicleEF	MCY	21.18	21.03
tblVehicleEF	MCY	10.20	9.08
tblVehicleEF	MCY	182.04	221.81
tblVehicleEF	MCY	45.85	61.49
tblVehicleEF	MCY	1.17	1.17
tblVehicleEF	MCY	0.32	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.1280e-003	2.0974e-003
tblVehicleEF	MCY	3.8450e-003	2.9889e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.9910e-003	1.9612e-003
tblVehicleEF	MCY	3.6280e-003	2.8140e-003
tblVehicleEF	MCY	0.84	0.85
tblVehicleEF	MCY	1.02	1.00
tblVehicleEF	MCY	0.58	0.58
tblVehicleEF	MCY	2.48	2.47
tblVehicleEF	MCY	0.72	2.38
tblVehicleEF	MCY	2.25	1.98

tblVehicleEF	MCY	2.2390e-003	2.1950e-003
tblVehicleEF	MCY	6.9200e-004	6.0854e-004
tblVehicleEF	MCY	0.84	0.85
tblVehicleEF	MCY	1.02	1.00
tblVehicleEF	MCY	0.58	0.58
tblVehicleEF	MCY	3.06	3.05
tblVehicleEF	MCY	0.72	2.38
tblVehicleEF	MCY	2.44	2.15
tblVehicleEF	MDV	9.9160e-003	4.0849e-003
tblVehicleEF	MDV	0.01	0.08
tblVehicleEF	MDV	1.03	0.82
tblVehicleEF	MDV	2.57	2.97
tblVehicleEF	MDV	489.68	396.95
tblVehicleEF	MDV	105.19	81.91
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.23	0.32
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.9150e-003	1.5942e-003
tblVehicleEF	MDV	2.3700e-003	1.8286e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7650e-003	1.4706e-003
tblVehicleEF	MDV	2.1790e-003	1.6815e-003
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.10	0.45
tblVehicleEF	MDV	0.19	0.37

tblVehicleEF	MDV	4.9010e-003	3.9235e-003
tblVehicleEF	MDV	1.0970e-003	8.1060e-004
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.04	0.02
tblVehicleEF	MDV	0.10	0.45
tblVehicleEF	MDV	0.21	0.40
tblVehicleEF	MDV	0.01	4.4249e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.14	0.91
tblVehicleEF	MDV	2.12	2.45
tblVehicleEF	MDV	516.20	411.39
tblVehicleEF	MDV	105.19	80.91
tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	0.21	0.29
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.9150e-003	1.5942e-003
tblVehicleEF	MDV	2.3700e-003	1.8286e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7650e-003	1.4706e-003
tblVehicleEF	MDV	2.1790e-003	1.6815e-003
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.17	0.15
tblVehicleEF	MDV	0.12	0.15
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.41
tblVehicleEF	MDV	0.17	0.32

tblVehicleEF	MDV	5.1680e-003	4.0665e-003
tblVehicleEF	MDV	1.0890e-003	8.0071e-004
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.17	0.15
tblVehicleEF	MDV	0.12	0.15
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.09	0.41
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	9.7710e-003	4.0052e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.01	0.80
tblVehicleEF	MDV	2.76	3.20
tblVehicleEF	MDV	484.88	394.33
tblVehicleEF	MDV	105.19	82.33
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.24	0.33
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.9150e-003	1.5942e-003
tblVehicleEF	MDV	2.3700e-003	1.8286e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7650e-003	1.4706e-003
tblVehicleEF	MDV	2.1790e-003	1.6815e-003
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.17	0.15
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.54
tblVehicleEF	MDV	0.20	0.39

tblVehicleEF	MDV	4.8530e-003	3.8976e-003
tblVehicleEF	MDV	1.1000e-003	8.1474e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.17	0.15
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.04	0.02
tblVehicleEF	MDV	0.11	0.54
tblVehicleEF	MDV	0.22	0.43
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.18	1.44
tblVehicleEF	MH	6.52	2.11
tblVehicleEF	MH	1,234.82	1,578.48
tblVehicleEF	MH	60.38	18.87
tblVehicleEF	MH	1.60	1.64
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tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2450e-003	2.6553e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2120e-003	3.2783e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1440e-003	2.4414e-004
tblVehicleEF	MH	1.05	0.80
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.55	0.43
tblVehicleEF	MH	0.13	0.09
tblVehicleEF	MH	0.03	1.69
tblVehicleEF	MH	0.37	0.10

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.1700e-004	1.8676e-004
tblVehicleEF	MH	1.05	0.80
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.55	0.43
tblVehicleEF	MH	0.19	0.12
tblVehicleEF	MH	0.03	1.69
tblVehicleEF	MH	0.41	0.11
tblVehicleEF	MH	0.05	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.29	1.48
tblVehicleEF	MH	6.09	1.98
tblVehicleEF	MH	1,234.82	1,578.55
tblVehicleEF	MH	60.38	18.64
tblVehicleEF	MH	1.51	1.56
tblVehicleEF	MH	0.87	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2450e-003	2.6553e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2120e-003	3.2783e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1440e-003	2.4414e-004
tblVehicleEF	MH	1.44	1.10
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.96	0.74
tblVehicleEF	MH	0.14	0.09
tblVehicleEF	MH	0.03	1.64
tblVehicleEF	MH	0.36	0.09

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.1000e-004	1.8448e-004
tblVehicleEF	MH	1.44	1.10
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.96	0.74
tblVehicleEF	MH	0.19	0.12
tblVehicleEF	MH	0.03	1.64
tblVehicleEF	MH	0.39	0.10
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.13	1.42
tblVehicleEF	MH	6.73	2.18
tblVehicleEF	MH	1,234.82	1,578.45
tblVehicleEF	MH	60.38	18.98
tblVehicleEF	MH	1.60	1.63
tblVehicleEF	MH	0.94	0.25
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2450e-003	2.6553e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2120e-003	3.2783e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1440e-003	2.4414e-004
tblVehicleEF	MH	1.08	0.82
tblVehicleEF	MH	0.12	0.09
tblVehicleEF	MH	0.51	0.40
tblVehicleEF	MH	0.13	0.09
tblVehicleEF	MH	0.03	1.81
tblVehicleEF	MH	0.38	0.10

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2100e-004	1.8783e-004
tblVehicleEF	MH	1.08	0.82
tblVehicleEF	MH	0.12	0.09
tblVehicleEF	MH	0.51	0.40
tblVehicleEF	MH	0.18	0.11
tblVehicleEF	MH	0.03	1.81
tblVehicleEF	MH	0.42	0.11
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tblVehicleEF	MHD	5.3890e-003	2.3926e-003
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tblVehicleEF	MHD	0.35	0.42
tblVehicleEF	MHD	0.40	0.31
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tblVehicleEF	MHD	1.50	1.40
tblVehicleEF	MHD	11.10	1.63
tblVehicleEF	MHD	6.9600e-004	4.7804e-004
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.0440e-003	6.6575e-003
tblVehicleEF	MHD	8.7700e-004	1.3445e-004
tblVehicleEF	MHD	6.6600e-004	4.5736e-004
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tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	5.7770e-003	6.3620e-003
tblVehicleEF	MHD	8.0600e-004	1.2362e-004

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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.6400e-004	3.6794e-004
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tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.35	0.06
tblVehicleEF	MHD	1.4140e-003	7.6332e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6900e-004	1.0714e-004
tblVehicleEF	MHD	8.6200e-004	4.6961e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.6400e-004	3.6794e-004
tblVehicleEF	MHD	0.07	0.03
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.38	0.06
tblVehicleEF	MHD	0.02	3.8643e-003
tblVehicleEF	MHD	5.4720e-003	2.4460e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.26	0.36
tblVehicleEF	MHD	0.40	0.31
tblVehicleEF	MHD	5.51	1.20
tblVehicleEF	MHD	155.67	80.75
tblVehicleEF	MHD	1,202.27	1,110.80
tblVehicleEF	MHD	56.70	10.70
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tblVehicleEF	MHD	1.45	1.34
tblVehicleEF	MHD	11.06	1.63
tblVehicleEF	MHD	5.8700e-004	4.0637e-004

tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.0440e-003	6.6575e-003
tblVehicleEF	MHD	8.7700e-004	1.3445e-004
tblVehicleEF	MHD	5.6100e-004	3.8879e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	5.7770e-003	6.3620e-003
tblVehicleEF	MHD	8.0600e-004	1.2362e-004
tblVehicleEF	MHD	1.2730e-003	6.9170e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.1660e-003	6.4106e-004
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.33	0.06
tblVehicleEF	MHD	1.4960e-003	7.6644e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6300e-004	1.0585e-004
tblVehicleEF	MHD	1.2730e-003	6.9170e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	1.1660e-003	6.4106e-004
tblVehicleEF	MHD	0.07	0.03
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.36	0.06
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tblVehicleEF	MHD	0.49	0.50

tblVehicleEF	MHD	0.40	0.30
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tblVehicleEF	MHD	134.94	80.00
tblVehicleEF	MHD	1,202.27	1,110.79
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tblVehicleEF	MHD	0.56	0.51
tblVehicleEF	MHD	1.50	1.39
tblVehicleEF	MHD	11.12	1.64
tblVehicleEF	MHD	8.4700e-004	5.7701e-004
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.0440e-003	6.6575e-003
tblVehicleEF	MHD	8.7700e-004	1.3445e-004
tblVehicleEF	MHD	8.1000e-004	5.5205e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	5.7770e-003	6.3620e-003
tblVehicleEF	MHD	8.0600e-004	1.2362e-004
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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.8400e-004	3.2364e-004
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.36	0.06
tblVehicleEF	MHD	1.3000e-003	7.5896e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.7200e-004	1.0771e-004
tblVehicleEF	MHD	7.9800e-004	4.3163e-004
tblVehicleEF	MHD	0.05	0.03

tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.8400e-004	3.2364e-004
tblVehicleEF	MHD	0.07	0.02
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.39	0.06
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tblVehicleEF	OBUS	0.01	9.7642e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.59
tblVehicleEF	OBUS	0.72	1.09
tblVehicleEF	OBUS	5.98	2.71
tblVehicleEF	OBUS	107.93	83.74
tblVehicleEF	OBUS	1,335.52	1,532.41
tblVehicleEF	OBUS	69.00	20.78
tblVehicleEF	OBUS	0.50	0.32
tblVehicleEF	OBUS	1.67	1.24
tblVehicleEF	OBUS	2.36	0.75
tblVehicleEF	OBUS	1.1200e-004	1.0728e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3420e-003	7.2660e-003
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tblVehicleEF	OBUS	1.0800e-004	1.0264e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	7.0010e-003	6.9275e-003
tblVehicleEF	OBUS	8.2500e-004	2.3535e-004
tblVehicleEF	OBUS	1.3450e-003	2.0587e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05

tblVehicleEF	OBUS	8.6700e-004	1.2748e-003
tblVehicleEF	OBUS	0.08	0.05
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tblVehicleEF	OBUS	7.9500e-004	2.0563e-004
tblVehicleEF	OBUS	1.3450e-003	2.0587e-003
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tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	8.6700e-004	1.2748e-003
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tblVehicleEF	OBUS	0.03	0.02
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tblVehicleEF	OBUS	2.31	0.74
tblVehicleEF	OBUS	9.5000e-005	9.5324e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3420e-003	7.2660e-003

tblVehicleEF	OBUS	8.9800e-004	2.5596e-004
tblVehicleEF	OBUS	9.1000e-005	9.1200e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	7.0010e-003	6.9275e-003
tblVehicleEF	OBUS	8.2500e-004	2.3535e-004
tblVehicleEF	OBUS	1.9070e-003	2.8932e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	1.5650e-003	2.2630e-003
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.04	0.31
tblVehicleEF	OBUS	0.35	0.12
tblVehicleEF	OBUS	1.0940e-003	7.8891e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8800e-004	2.0271e-004
tblVehicleEF	OBUS	1.9070e-003	2.8932e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.5650e-003	2.2630e-003
tblVehicleEF	OBUS	0.10	0.08
tblVehicleEF	OBUS	0.04	0.31
tblVehicleEF	OBUS	0.39	0.13
tblVehicleEF	OBUS	0.01	8.6109e-003
tblVehicleEF	OBUS	0.01	9.6488e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.30	0.60
tblVehicleEF	OBUS	0.72	1.08
tblVehicleEF	OBUS	6.16	2.80
tblVehicleEF	OBUS	100.46	85.02

tblVehicleEF	OBUS	1,335.52	1,532.39
tblVehicleEF	OBUS	69.00	20.92
tblVehicleEF	OBUS	0.47	0.34
tblVehicleEF	OBUS	1.66	1.24
tblVehicleEF	OBUS	2.39	0.76
tblVehicleEF	OBUS	1.3700e-004	1.2379e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3420e-003	7.2660e-003
tblVehicleEF	OBUS	8.9800e-004	2.5596e-004
tblVehicleEF	OBUS	1.3100e-004	1.1843e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	7.0010e-003	6.9275e-003
tblVehicleEF	OBUS	8.2500e-004	2.3535e-004
tblVehicleEF	OBUS	1.2940e-003	2.0190e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	7.8400e-004	1.1644e-003
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.05	0.35
tblVehicleEF	OBUS	0.38	0.13
tblVehicleEF	OBUS	9.7100e-004	8.0976e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.9800e-004	2.0698e-004
tblVehicleEF	OBUS	1.2940e-003	2.0190e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	7.8400e-004	1.1644e-003
tblVehicleEF	OBUS	0.09	0.07

tblVehicleEF	OBUS	0.05	0.35
tblVehicleEF	OBUS	0.41	0.14
tblVehicleEF	SBUS	0.85	0.03
tblVehicleEF	SBUS	0.02	9.4416e-003
tblVehicleEF	SBUS	0.08	2.7372e-003
tblVehicleEF	SBUS	6.39	1.26
tblVehicleEF	SBUS	0.99	0.75
tblVehicleEF	SBUS	7.20	0.43
tblVehicleEF	SBUS	1,217.58	332.94
tblVehicleEF	SBUS	1,112.40	1,097.57
tblVehicleEF	SBUS	41.62	2.06
tblVehicleEF	SBUS	10.75	4.02
tblVehicleEF	SBUS	4.47	7.31
tblVehicleEF	SBUS	14.36	0.63
tblVehicleEF	SBUS	0.01	5.1425e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.6200e-004	3.2735e-005
tblVehicleEF	SBUS	0.01	4.9201e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.7210e-003	2.8312e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.0100e-004	3.0099e-005
tblVehicleEF	SBUS	2.2640e-003	4.9494e-004
tblVehicleEF	SBUS	0.03	5.2412e-003
tblVehicleEF	SBUS	0.76	0.13
tblVehicleEF	SBUS	1.4470e-003	2.4303e-004
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.01	0.03

tblVehicleEF	SBUS	0.36	0.02
tblVehicleEF	SBUS	0.01	3.1568e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.4000e-004	2.0416e-005
tblVehicleEF	SBUS	2.2640e-003	4.9494e-004
tblVehicleEF	SBUS	0.03	5.2412e-003
tblVehicleEF	SBUS	1.10	0.18
tblVehicleEF	SBUS	1.4470e-003	2.4303e-004
tblVehicleEF	SBUS	0.15	0.15
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.40	0.02
tblVehicleEF	SBUS	0.85	0.03
tblVehicleEF	SBUS	0.02	9.5713e-003
tblVehicleEF	SBUS	0.07	2.3802e-003
tblVehicleEF	SBUS	6.25	1.21
tblVehicleEF	SBUS	1.01	0.77
tblVehicleEF	SBUS	5.63	0.34
tblVehicleEF	SBUS	1,277.73	344.72
tblVehicleEF	SBUS	1,112.40	1,097.59
tblVehicleEF	SBUS	41.62	1.91
tblVehicleEF	SBUS	11.09	4.13
tblVehicleEF	SBUS	4.31	7.04
tblVehicleEF	SBUS	14.33	0.63
tblVehicleEF	SBUS	9.1780e-003	4.3416e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.6200e-004	3.2735e-005
tblVehicleEF	SBUS	8.7810e-003	4.1537e-003
tblVehicleEF	SBUS	0.32	0.32

tblVehicleEF	SBUS	2.7210e-003	2.8312e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.0100e-004	3.0099e-005
tblVehicleEF	SBUS	3.1990e-003	6.9798e-004
tblVehicleEF	SBUS	0.03	5.4960e-003
tblVehicleEF	SBUS	0.76	0.13
tblVehicleEF	SBUS	2.6190e-003	4.5759e-004
tblVehicleEF	SBUS	0.12	0.13
tblVehicleEF	SBUS	9.7500e-003	0.03
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	0.01	3.2681e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.1400e-004	1.8864e-005
tblVehicleEF	SBUS	3.1990e-003	6.9798e-004
tblVehicleEF	SBUS	0.03	5.4960e-003
tblVehicleEF	SBUS	1.09	0.18
tblVehicleEF	SBUS	2.6190e-003	4.5759e-004
tblVehicleEF	SBUS	0.15	0.15
tblVehicleEF	SBUS	9.7500e-003	0.03
tblVehicleEF	SBUS	0.35	0.02
tblVehicleEF	SBUS	0.85	0.03
tblVehicleEF	SBUS	0.02	9.3811e-003
tblVehicleEF	SBUS	0.08	2.9137e-003
tblVehicleEF	SBUS	6.57	1.32
tblVehicleEF	SBUS	0.98	0.75
tblVehicleEF	SBUS	7.98	0.48
tblVehicleEF	SBUS	1,134.53	316.67
tblVehicleEF	SBUS	1,112.40	1,097.55
tblVehicleEF	SBUS	41.62	2.14
tblVehicleEF	SBUS	10.28	3.87

tblVehicleEF	SBUS	4.45	7.28
tblVehicleEF	SBUS	14.38	0.63
tblVehicleEF	SBUS	0.01	6.2487e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.6200e-004	3.2735e-005
tblVehicleEF	SBUS	0.01	5.9784e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.7210e-003	2.8312e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.0100e-004	3.0099e-005
tblVehicleEF	SBUS	2.1690e-003	5.1290e-004
tblVehicleEF	SBUS	0.03	5.7416e-003
tblVehicleEF	SBUS	0.77	0.13
tblVehicleEF	SBUS	1.2940e-003	2.1637e-004
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.39	0.02
tblVehicleEF	SBUS	0.01	3.0031e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5400e-004	2.1188e-005
tblVehicleEF	SBUS	2.1690e-003	5.1290e-004
tblVehicleEF	SBUS	0.03	5.7416e-003
tblVehicleEF	SBUS	1.10	0.18
tblVehicleEF	SBUS	1.2940e-003	2.1637e-004
tblVehicleEF	SBUS	0.15	0.15
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.42	0.02
tblVehicleEF	UBUS	1.78	4.89

tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	7.77	38.17
tblVehicleEF	UBUS	7.08	1.23
tblVehicleEF	UBUS	1,933.83	1,906.11
tblVehicleEF	UBUS	113.34	14.21
tblVehicleEF	UBUS	7.53	0.40
tblVehicleEF	UBUS	14.15	0.13
tblVehicleEF	UBUS	0.58	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.0811e-003
tblVehicleEF	UBUS	9.4400e-004	1.6787e-004
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.1456e-003
tblVehicleEF	UBUS	0.11	2.9269e-003
tblVehicleEF	UBUS	8.6800e-004	1.5435e-004
tblVehicleEF	UBUS	2.1660e-003	4.8756e-004
tblVehicleEF	UBUS	0.04	5.1135e-003
tblVehicleEF	UBUS	2.1210e-003	4.1677e-004
tblVehicleEF	UBUS	0.56	0.07
tblVehicleEF	UBUS	9.1180e-003	0.02
tblVehicleEF	UBUS	0.62	0.06
tblVehicleEF	UBUS	0.01	3.7919e-003
tblVehicleEF	UBUS	1.2630e-003	1.4062e-004
tblVehicleEF	UBUS	2.1660e-003	4.8756e-004
tblVehicleEF	UBUS	0.04	5.1135e-003
tblVehicleEF	UBUS	2.1210e-003	4.1677e-004
tblVehicleEF	UBUS	2.40	5.00
tblVehicleEF	UBUS	9.1180e-003	0.02
tblVehicleEF	UBUS	0.68	0.06
tblVehicleEF	UBUS	1.78	4.89

tblVehicleEF	UBUS	0.04	0.01
tblVehicleEF	UBUS	7.79	38.17
tblVehicleEF	UBUS	6.04	1.06
tblVehicleEF	UBUS	1,933.83	1,906.11
tblVehicleEF	UBUS	113.34	13.93
tblVehicleEF	UBUS	7.26	0.40
tblVehicleEF	UBUS	14.10	0.13
tblVehicleEF	UBUS	0.58	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.0811e-003
tblVehicleEF	UBUS	9.4400e-004	1.6787e-004
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.1456e-003
tblVehicleEF	UBUS	0.11	2.9269e-003
tblVehicleEF	UBUS	8.6800e-004	1.5435e-004
tblVehicleEF	UBUS	2.6630e-003	7.0838e-004
tblVehicleEF	UBUS	0.05	5.5753e-003
tblVehicleEF	UBUS	3.7880e-003	7.9861e-004
tblVehicleEF	UBUS	0.56	0.07
tblVehicleEF	UBUS	8.1560e-003	0.02
tblVehicleEF	UBUS	0.57	0.05
tblVehicleEF	UBUS	0.01	3.7919e-003
tblVehicleEF	UBUS	1.2450e-003	1.3782e-004
tblVehicleEF	UBUS	2.6630e-003	7.0838e-004
tblVehicleEF	UBUS	0.05	5.5753e-003
tblVehicleEF	UBUS	3.7880e-003	7.9861e-004
tblVehicleEF	UBUS	2.40	5.00
tblVehicleEF	UBUS	8.1560e-003	0.02
tblVehicleEF	UBUS	0.62	0.06
tblVehicleEF	UBUS	1.77	4.89

tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	7.76	38.17
tblVehicleEF	UBUS	7.54	1.31
tblVehicleEF	UBUS	1,933.83	1,906.11
tblVehicleEF	UBUS	113.34	14.34
tblVehicleEF	UBUS	7.49	0.40
tblVehicleEF	UBUS	14.18	0.14
tblVehicleEF	UBUS	0.58	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.0811e-003
tblVehicleEF	UBUS	9.4400e-004	1.6787e-004
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.1456e-003
tblVehicleEF	UBUS	0.11	2.9269e-003
tblVehicleEF	UBUS	8.6800e-004	1.5435e-004
tblVehicleEF	UBUS	2.0060e-003	4.5034e-004
tblVehicleEF	UBUS	0.05	5.9527e-003
tblVehicleEF	UBUS	1.9230e-003	3.7257e-004
tblVehicleEF	UBUS	0.56	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.65	0.06
tblVehicleEF	UBUS	0.01	3.7919e-003
tblVehicleEF	UBUS	1.2710e-003	1.4191e-004
tblVehicleEF	UBUS	2.0060e-003	4.5034e-004
tblVehicleEF	UBUS	0.05	5.9527e-003
tblVehicleEF	UBUS	1.9230e-003	3.7257e-004
tblVehicleEF	UBUS	2.40	5.00
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.71	0.07
tblVehicleTrips	WD_TR	15.43	29.11

tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	977,196.11	492,020.00
tblWater	OutdoorWaterUseRate	2,512,790.00	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

-Construction Modeled Separately

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.9355	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.3800e-003	7.3800e-003	2.0000e-005		7.8600e-003
Energy	4.2700e-003	0.0388	0.0326	2.3000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003		46.5989	46.5989	8.9000e-004	8.5000e-004	46.8758
Mobile	3.2505	2.4927	21.5688	0.0451	4.5535	0.0348	4.5883	1.2130	0.0325	1.2454		4,588.5697	4,588.5697	0.3293		4,596.8022
Total	**4.1902**	**2.5316**	**21.6049**	**0.0453**	**4.5535**	**0.0378**	**4.5913**	**1.2130**	**0.0354**	**1.2484**		**4,635.1759**	**4,635.1759**	**0.3302**	**8.5000e-004**	**4,643.6859**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Area	0.9355	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.3800e-003	7.3800e-003	2.0000e-005		7.8600e-003
Energy	4.2700e-003	0.0388	0.0326	2.3000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003		46.5989	46.5989	8.9000e-004	8.5000e-004	46.8758
Mobile	3.2505	2.4927	21.5688	0.0451	4.5535	0.0348	4.5883	1.2130	0.0325	1.2454		4,588.5697	4,588.5697	0.3293		4,596.8022
Total	**4.1902**	**2.5316**	**21.6049**	**0.0453**	**4.5535**	**0.0378**	**4.5913**	**1.2130**	**0.0354**	**1.2484**		**4,635.1759**	**4,635.1759**	**0.3302**	**8.5000e-004**	**4,643.6859**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

-Construction Modeled Separately

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.2505	2.4927	21.5688	0.0451	4.5535	0.0348	4.5883	1.2130	0.0325	1.2454		4,588.5697	4,588.5697	0.3293		4,596.8022
Unmitigated	3.2505	2.4927	21.5688	0.0451	4.5535	0.0348	4.5883	1.2130	0.0325	1.2454		4,588.5697	4,588.5697	0.3293		4,596.8022

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT

Elementary School	981.01	0.00	0.00	1,545,043	1,545,043
Total	981.01	0.00	0.00	1,545,043	1,545,043

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.553514	0.062792	0.181046	0.120736	0.024419	0.006214	0.008493	0.006184	0.000715	0.000556	0.029185	0.000982	0.005164

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	4.2700e-003	0.0388	0.0326	2.3000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003		46.5989	46.5989	8.9000e-004	8.5000e-004	46.8758
NaturalGas Unmitigated	4.2700e-003	0.0388	0.0326	2.3000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003		46.5989	46.5989	8.9000e-004	8.5000e-004	46.8758

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	396.09	4.2700e-003	0.0388	0.0326	2.3000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003		46.5989	46.5989	8.9000e-004	8.5000e-004	46.8758
Total		**4.2700e-003**	**0.0388**	**0.0326**	**2.3000e-004**		**2.9500e-003**	**2.9500e-003**		**2.9500e-003**	**2.9500e-003**		**46.5989**	**46.5989**	**8.9000e-004**	**8.5000e-004**	**46.8758**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	0.39609	4.2700e-003	0.0388	0.0326	2.3000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003		46.5989	46.5989	8.9000e-004	8.5000e-004	46.8758
Total		**4.2700e-003**	**0.0388**	**0.0326**	**2.3000e-004**		**2.9500e-003**	**2.9500e-003**		**2.9500e-003**	**2.9500e-003**		**46.5989**	**46.5989**	**8.9000e-004**	**8.5000e-004**	**46.8758**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9355	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.3800e-003	7.3800e-003	2.0000e-005		7.8600e-003
Unmitigated	0.9355	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.3800e-003	7.3800e-003	2.0000e-005		7.8600e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2140					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7212					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.2000e-004	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.3800e-003	7.3800e-003	2.0000e-005		7.8600e-003
Total	**0.9355**	**3.0000e-005**	**3.4500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**7.3800e-003**	**7.3800e-003**	**2.0000e-005**		**7.8600e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2140					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.7212					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Landscaping	3.2000e-004	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.3800e-003	7.3800e-003	2.0000e-005		7.8600e-003
Total	**0.9355**	**3.0000e-005**	**3.4500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**7.3800e-003**	**7.3800e-003**	**2.0000e-005**		**7.8600e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

6. CalEEMod Output
e. Existing Operation

MUIR School - Existing Operational Only - San Diego County, Winter

MUIR School - Existing Operational Only

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	7.68	1000sqft	3.48	7,680.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2018
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - No construction for existing conditions

Vehicle Trips - No change in existing trips

Energy Use - See Assumptions

Water And Wastewater - See Assumptions

Solid Waste - See Assumptions

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	2.54	2.79

tblEnergyUse	T24E	1.52	1.59
tblEnergyUse	T24NG	5.44	5.71
tblLandUse	LotAcreage	0.18	3.48
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblSolidWaste	SolidWasteGenerationRate	9.98	12.00
tblVehicleTrips	WD_TR	15.43	0.00
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	222,696.32	112,128.00
tblWater	OutdoorWaterUseRate	572,647.69	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

-No Construction

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2132	1.0000e-005	7.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.6800e-003	1.6800e-003	0.0000		1.8000e-003
Energy	1.4100e-003	0.0128	0.0107	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		15.3278	15.3278	2.9000e-004	2.8000e-004	15.4189
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2146**	**0.0128**	**0.0115**	**8.0000e-005**	**0.0000**	**9.7000e-004**	**9.7000e-004**	**0.0000**	**9.7000e-004**	**9.7000e-004**		**15.3295**	**15.3295**	**2.9000e-004**	**2.8000e-004**	**15.4207**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2132	1.0000e-005	7.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.6800e-003	1.6800e-003	0.0000		1.8000e-003
Energy	1.4100e-003	0.0128	0.0107	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		15.3278	15.3278	2.9000e-004	2.8000e-004	15.4189
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2146**	**0.0128**	**0.0115**	**8.0000e-005**	**0.0000**	**9.7000e-004**	**9.7000e-004**	**0.0000**	**9.7000e-004**	**9.7000e-004**		**15.3295**	**15.3295**	**2.9000e-004**	**2.8000e-004**	**15.4207**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

- No Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.574135	0.045525	0.189369	0.116519	0.019283	0.005646	0.014833	0.022073	0.001871	0.002173	0.006385	0.000739	0.001452

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.4100e-003	0.0128	0.0107	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		15.3278	15.3278	2.9000e-004	2.8000e-004	15.4189

NaturalGas Unmitigated	1.4100e-003	0.0128	0.0107	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		15.3278	15.3278	2.9000e-004	2.8000e-004	15.4189

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	130.286	1.4100e-003	0.0128	0.0107	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		15.3278	15.3278	2.9000e-004	2.8000e-004	15.4189
Total		**1.4100e-003**	**0.0128**	**0.0107**	**8.0000e-005**		**9.7000e-004**	**9.7000e-004**		**9.7000e-004**	**9.7000e-004**		**15.3278**	**15.3278**	**2.9000e-004**	**2.8000e-004**	**15.4189**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	0.130286	1.4100e-003	0.0128	0.0107	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		15.3278	15.3278	2.9000e-004	2.8000e-004	15.4189
Total		**1.4100e-003**	**0.0128**	**0.0107**	**8.0000e-005**		**9.7000e-004**	**9.7000e-004**		**9.7000e-004**	**9.7000e-004**		**15.3278**	**15.3278**	**2.9000e-004**	**2.8000e-004**	**15.4189**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2132	1.0000e-005	7.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.6800e-003	1.6800e-003	0.0000		1.8000e-003
Unmitigated	0.2132	1.0000e-005	7.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.6800e-003	1.6800e-003	0.0000		1.8000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0488					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1644					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	7.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.6800e-003	1.6800e-003	0.0000		1.8000e-003
Total	**0.2132**	**1.0000e-005**	**7.9000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.6800e-003**	**1.6800e-003**	**0.0000**		**1.8000e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

SubCategory	lb/day										lb/day					
Architectural Coating	0.0488					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1644					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	7.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.6800e-003	1.6800e-003	0.0000		1.8000e-003
Total	**0.2132**	**1.0000e-005**	**7.9000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.6800e-003**	**1.6800e-003**	**0.0000**		**1.8000e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

MUIR School - Existing Operational Only

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	7.68	1000sqft	3.48	7,680.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2018
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - No construction for existing conditions

Vehicle Trips - No change in existing trips

Energy Use - See Assumptions

Water And Wastewater - See Assumptions

Solid Waste - See Assumptions

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	2.54	2.79

tblEnergyUse	T24E	1.52	1.59
tblEnergyUse	T24NG	5.44	5.71
tblLandUse	LotAcreage	0.18	3.48
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblSolidWaste	SolidWasteGenerationRate	9.98	12.00
tblVehicleTrips	WD_TR	15.43	0.00
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	222,696.32	112,128.00
tblWater	OutdoorWaterUseRate	572,647.69	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

No Construction

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2132	1.0000e-005	7.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.6800e-003	1.6800e-003	0.0000		1.8000e-003
Energy	1.4100e-003	0.0128	0.0107	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		15.3278	15.3278	2.9000e-004	2.8000e-004	15.4189
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2146**	**0.0128**	**0.0115**	**8.0000e-005**	**0.0000**	**9.7000e-004**	**9.7000e-004**	**0.0000**	**9.7000e-004**	**9.7000e-004**		**15.3295**	**15.3295**	**2.9000e-004**	**2.8000e-004**	**15.4207**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2132	1.0000e-005	7.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.6800e-003	1.6800e-003	0.0000		1.8000e-003
Energy	1.4100e-003	0.0128	0.0107	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		15.3278	15.3278	2.9000e-004	2.8000e-004	15.4189
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.2146**	**0.0128**	**0.0115**	**8.0000e-005**	**0.0000**	**9.7000e-004**	**9.7000e-004**	**0.0000**	**9.7000e-004**	**9.7000e-004**		**15.3295**	**15.3295**	**2.9000e-004**	**2.8000e-004**	**15.4207**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

-No Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.574135	0.045525	0.189369	0.116519	0.019283	0.005646	0.014833	0.022073	0.001871	0.002173	0.006385	0.000739	0.001452

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.4100e-003	0.0128	0.0107	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		15.3278	15.3278	2.9000e-004	2.8000e-004	15.4189

NaturalGas Unmitigated	1.4100e-003	0.0128	0.0107	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		15.3278	15.3278	2.9000e-004	2.8000e-004	15.4189

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	130.286	1.4100e-003	0.0128	0.0107	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		15.3278	15.3278	2.9000e-004	2.8000e-004	15.4189
Total		**1.4100e-003**	**0.0128**	**0.0107**	**8.0000e-005**		**9.7000e-004**	**9.7000e-004**		**9.7000e-004**	**9.7000e-004**		**15.3278**	**15.3278**	**2.9000e-004**	**2.8000e-004**	**15.4189**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	0.130286	1.4100e-003	0.0128	0.0107	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004		15.3278	15.3278	2.9000e-004	2.8000e-004	15.4189
Total		**1.4100e-003**	**0.0128**	**0.0107**	**8.0000e-005**		**9.7000e-004**	**9.7000e-004**		**9.7000e-004**	**9.7000e-004**		**15.3278**	**15.3278**	**2.9000e-004**	**2.8000e-004**	**15.4189**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2132	1.0000e-005	7.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.6800e-003	1.6800e-003	0.0000		1.8000e-003
Unmitigated	0.2132	1.0000e-005	7.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.6800e-003	1.6800e-003	0.0000		1.8000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0488					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1644					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	7.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.6800e-003	1.6800e-003	0.0000		1.8000e-003
Total	**0.2132**	**1.0000e-005**	**7.9000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.6800e-003**	**1.6800e-003**	**0.0000**		**1.8000e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

SubCategory	lb/day										lb/day					
Architectural Coating	0.0488					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1644					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	7.9000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.6800e-003	1.6800e-003	0.0000		1.8000e-003
Total	**0.2132**	**1.0000e-005**	**7.9000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.6800e-003**	**1.6800e-003**	**0.0000**		**1.8000e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

7. EMFAC2017

7. EMFAC2017
a. Construction On-Road Emissions 2020

MUIR School Project

Phase 1 Total Regional Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)
Demolition					
Total Haul Trips	84				
Hauling	9	20	8	20	15
Vendor	0	20	8	7.3	15
Worker	13	20	8	10.8	0
Site Preparation					
Total Haul Trips	0				
Hauling	0	3	8	20	15
Vendor	0	3	8	7.3	15
Worker	8	3	8	10.8	0
Grading					
Total Haul Trips	0				
Hauling	0	6	8	20	15
Vendor	0	6	8	7.3	15
Worker	10	6	8	10.8	0
Building Construction					
Total Haul Trips	0				
Hauling	0	220	8	20	15
Vendor	16	220	8	7.3	15
Worker	40	220	8	10.8	0
Paving					
Total Haul Trips	0				
Hauling	0	10	8	20	15
Vendor	0	10	8	7.3	15
Worker	15	10	8	10.8	0
Architectural Coating					
Total Haul Trips	0				
Hauling	0	10	8	20	15
Vendor	0	10	8	7.3	15
Worker	8	10	8	10.8	0

MUIR School Project

Phase 1 Total Regional Emissions

Construction Phase	Regional Emissions (pounds/day)										(MT/yr)
	ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	Total CO2e
Demolition											
Total Haul Trips											
Hauling	0.08	1.92	0.39	0.01	0.16	0.03	0.19	0.04	0.02	0.06	6.08
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.03	0.30	0.00	0.11	0.00	0.11	0.03	0.00	0.03	0.89
Site Preparation											
Total Haul Trips											
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.02	0.18	0.00	0.07	0.00	0.07	0.02	0.00	0.02	0.08
Grading											
Total Haul Trips											
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.02	0.23	0.00	0.08	0.00	0.08	0.02	0.00	0.02	0.20
Building Construction											
Total Haul Trips											
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.06	1.09	0.30	0.00	0.11	0.02	0.13	0.03	0.02	0.05	38.65
Worker	0.02	0.08	0.91	0.00	0.33	0.00	0.33	0.09	0.00	0.09	29.97
Paving											
Total Haul Trips											
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.03	0.34	0.00	0.12	0.00	0.12	0.03	0.00	0.03	0.51
Architectural Coating											
Total Haul Trips											
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.02	0.18	0.00	0.07	0.00	0.07	0.02	0.00	0.02	0.27

MUIR School Project
Phase 1 - 2020 Running Emissions

	Running Emissions Factor (grams/mile)					
	ROG	NOX	CO	SO2	PM10	PM2.5
Hauling	0.17843741	4.644154648	0.82137673	0.01442478	0.07739103	0.05203061
Vendor	0.20968633	3.944863077	0.91928693	0.01297043	0.08407372	0.06942642
Worker	0.02052414	0.085604798	0.96045124	0.0030975	0.00193997	0.00178695
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					ROG	NOX	CO	SO2	PM10	PM2.5
Demolition										
Total Haul Trips	84									
Hauling	9	20	8	20	0.07	1.84	0.33	0.01	0.03	0.02
Vendor	0	20	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	20	8	10.8	0.01	0.03	0.30	0.00	0.00	0.00
Site Preparation										
Total Haul Trips	0									
Hauling	0	3	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	3	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	3	8	10.8	0.00	0.02	0.18	0.00	0.00	0.00
Grading										
Total Haul Trips	0									
Hauling	0	6	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	6	8	10.8	0.00	0.02	0.23	0.00	0.00	0.00
Building Construction										
Total Haul Trips	0									
Hauling	0	220	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	16	220	8	7.3	0.05	1.02	0.24	0.00	0.02	0.02
Worker	40	220	8	10.8	0.02	0.08	0.91	0.00	0.00	0.00

MUIR School Project
Phase 1 - 2020 Running Emissions

	Running Emissions Factor (grams/mile)					
	ROG	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
Hauling	0.17843741	4.644154648	0.82137673	0.01442478	0.07739103	0.05203061
Vendor	0.20968633	3.944863077	0.91928693	0.01297043	0.08407372	0.06942642
Worker	0.02052414	0.085604798	0.96045124	0.0030975	0.00193997	0.00178695
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	**Daily One-Way Trips**	**Haul Days per Phase (days)**	**Work Hours per Day (hours/day)**	**One-Way Trip Distance per Day (miles)**	**Regional Emissions (pounds/day) ROG**	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
Paving										
Total Haul Trips	0									
Hauling	0	10	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	10	8	10.8	0.01	0.03	0.34	0.00	0.00	0.00
Architectural Coating										
Total Haul Trips	0									
Hauling	0	10	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	10	8	10.8	0.00	0.02	0.18	0.00	0.00	0.00

MUIR School Project
Phase 1 - 2020 Running Emissions

MUIR School Project
Phase 1 - 2020 Running Emissions

	Running Emissions Factor (grams/mile)		
	CO2	CH4	N2O
Hauling	1578.79644	0.07274629	0.25039931
Vendor	1392.52651	0.04337437	0.20144545
Worker	313.092242	0.00484738	0.0073687
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (MT/year)			
					CO2	CH4	N2O	CO2e
Demolition								
Total Haul Trips	84							
Hauling	9	20	8	20	5.68	0.01	0.26	5.95
Vendor	0	20	8	7.3	0.00	0.00	0.00	0.00
Worker	13	20	8	10.8	0.88	0.00	0.01	0.89
Site Preparation								
Total Haul Trips	0							
Hauling	0	3	8	20	0.00	0.00	0.00	0.00
Vendor	0	3	8	7.3	0.00	0.00	0.00	0.00
Worker	8	3	8	10.8	0.08	0.00	0.00	0.08
Grading								
Total Haul Trips	0							
Hauling	0	6	8	20	0.00	0.00	0.00	0.00
Vendor	0	6	8	7.3	0.00	0.00	0.00	0.00
Worker	10	6	8	10.8	0.20	0.00	0.00	0.20
Building Construction								
Total Haul Trips	0							
Hauling	0	220	8	20	0.00	0.00	0.00	0.00
Vendor	16	220	8	7.3	35.78	0.03	1.50	37.31
Worker	40	220	8	10.8	29.76	0.01	0.20	29.97

MUIR School Project
Phase 1 - 2020 Running Emissions

MUIR School Project
Phase 1 - 2020 Running Emissions

	Running Emissions Factor (grams/mile)		
	CO2	CH4	N2O
Hauling	1578.79644	0.07274629	0.25039931
Vendor	1392.52651	0.04337437	0.20144545
Worker	313.092242	0.00484738	0.0073687
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Paving								
Total Haul Trips	0							
Hauling	0	10	8	20	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00
Worker	15	10	8	10.8	0.51	0.00	0.00	0.51
Architectural Coating								
Total Haul Trips	0							
Hauling	0	10	8	20	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00
Worker	8	10	8	10.8	0.27	0.00	0.00	0.27

MUIR School Project
Phase 1 - 2020 Idling Emissions

	Idling Emissions Factor (grams/minute)					
	ROG	NOX	CO	SO2	PM10	PM2.5
Hauling	0.01846458	0.251620113	0.22821478	0.00041854	0.00055672	0.00053263
Vendor	0.00972918	0.142133206	0.12221915	0.00022574	0.00033046	0.00031617
Worker	0	0	0	0	0	0
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5
Demolition										
Total Haul Trips	84									
Hauling	9	20	8	15	0.01	0.07	0.07	0.00	0.00	0.00
Vendor	0	20	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	20	8	0	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation										
Total Haul Trips	0									
Hauling	0	3	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	3	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	3	8	0	0.00	0.00	0.00	0.00	0.00	0.00
Grading										
Total Haul Trips	0									
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	6	8	0	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction										
Total Haul Trips	0									
Hauling	0	220	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	16	220	8	15	0.01	0.08	0.06	0.00	0.00	0.00
Worker	40	220	8	0	0.00	0.00	0.00	0.00	0.00	0.00

MUIR School Project
Phase 1 - 2020 Idling Emissions

	Idling Emissions Factor (grams/minute)					
	ROG	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
Hauling	0.01846458	0.251620113	0.22821478	0.00041854	0.00055672	0.00053263
Vendor	0.00972918	0.142133206	0.12221915	0.00022574	0.00033046	0.00031617
Worker	0	0	0	0	0	0
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	**Daily One-Way Trips**	**Haul Days per Phase (days)**	**Work Hours per Day (hours/day)**	**Idling minutes per Day (miles)**	**Regional Emissions (pounds/day) ROG**	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
<u>Paving</u>										
Total Haul Trips	0									
Hauling	0	10	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	10	8	0	0.00	0.00	0.00	0.00	0.00	0.00
<u>Architectural Coating</u>										
Total Haul Trips	0									
Hauling	0	10	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	10	8	0	0.00	0.00	0.00	0.00	0.00	0.00

MUIR School Project
Phase 1 - 2020 Idling Emissions

MUIR School Project
Phase 1 - 2020 Idling Emissions

	Idling Emissions Factor (grams/minute)		
	CO2	**CH4**	**N2O**
Hauling	45.0646374	0.00111627	0.00711913
Vendor	24.2680866	0.00063881	0.00381013
Worker	0	0	0
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
<u>Demolition</u>								
Total Haul Trips	84							
Hauling	9	20	8	15	0.12	0.00	0.01	0.13
Vendor	0	20	8	15	0.00	0.00	0.00	0.00
Worker	13	20	8	0	0.00	0.00	0.00	0.00
<u>Site Preparation</u>								
Total Haul Trips	0							
Hauling	0	3	8	15	0.00	0.00	0.00	0.00
Vendor	0	3	8	15	0.00	0.00	0.00	0.00
Worker	8	3	8	0	0.00	0.00	0.00	0.00
<u>Grading</u>								
Total Haul Trips	0							
Hauling	0	6	8	15	0.00	0.00	0.00	0.00
Vendor	0	6	8	15	0.00	0.00	0.00	0.00
Worker	10	6	8	0	0.00	0.00	0.00	0.00
<u>Building Construction</u>								
Total Haul Trips	0							
Hauling	0	220	8	15	0.00	0.00	0.00	0.00
Vendor	16	220	8	15	1.28	0.00	0.06	1.34
Worker	40	220	8	0	0.00	0.00	0.00	0.00

MUIR School Project
Phase 1 - 2020 Idling Emissions

MUIR School Project
Phase 1 - 2020 Idling Emissions

	Idling Emissions Factor (grams/minute)		
	CO2	**CH4**	**N2O**
Hauling	45.0646374	0.00111627	0.00711913
Vendor	24.2680866	0.00063881	0.00381013
Worker	0	0	0
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Paving								
Total Haul Trips	0							
Hauling	0	10	8	15	0.00	0.00	0.00	0.00
Vendor	0	10	8	15	0.00	0.00	0.00	0.00
Worker	15	10	8	0	0.00	0.00	0.00	0.00
Architectural Coating								
Total Haul Trips	0							
Hauling	0	10	8	15	0.00	0.00	0.00	0.00
Vendor	0	10	8	15	0.00	0.00	0.00	0.00
Worker	8	10	8	0	0.00	0.00	0.00	0.00

MUIR School Project

Phase 1 - 2020 Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
Hauling	3.00E-01	0.060846622	0.03546196	7.36E-02	0.02607712	0.00886549
Vendor	3.00E-01	0.09559333	0.02373098	7.36E-02	0.04096857	0.00593275
Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
Demolition										
Total Haul Trips	84									
Hauling	9	20	8	20	0.12	0.02	0.01	0.03	0.01	0.00
Vendor	0	20	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	20	8	10.8	0.09	0.01	0.00	0.02	0.00	0.00
Site Preparation										
Total Haul Trips	0									
Hauling	0	3	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	3	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	3	8	10.8	0.06	0.01	0.00	0.01	0.00	0.00
Grading										
Total Haul Trips	0									
Hauling	0	6	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	10	6	8	10.8	0.07	0.01	0.00	0.02	0.00	0.00
Building Construction										
Total Haul Trips	0									
Hauling	0	220	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	16	220	8	7.3	0.08	0.02	0.01	0.02	0.01	0.00
Worker	40	220	8	10.8	0.29	0.04	0.01	0.07	0.02	0.00

MUIR School Project

Phase 1 - 2020 Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
Hauling	3.00E-01	0.060846622	0.03546196	7.36E-02	0.02607712	0.00886549
Vendor	3.00E-01	0.09559333	0.02373098	7.36E-02	0.04096857	0.00593275
Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
Paving										
Total Haul Trips	0									
Hauling	0	10	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	15	10	8	10.8	0.11	0.01	0.00	0.03	0.01	0.00
Architectural Coating										
Total Haul Trips	0									
Hauling	0	10	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	10	8	10.8	0.06	0.01	0.00	0.01	0.00	0.00

MUIR School Project
Phase 1 - 2020 Road Dust

Paved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,P} = (k\ (sL)^{0.91} \times (W)^{1.02})$

Where:

- $EF_{Dust,P}$ = Paved Road Dust Emission Factor (having the same units as k)
- k = particle size multiplier
- sL = road surface silt loading (g/m^2)
- W = average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	0.9979	0.2449
sL	0.1	0.1
W	2.4	2.4
$EF_{Dust,P}$	3.00E-01	7.36E-02

Unpaved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,U} = (k\ (\ s / 12)^{1} \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C)$

Where:

- $EF_{Dust,U}$ = Unpaved Road Dust Emission Factor (having the same units as k)
- k = particle size multiplier
- s = surface material silt content (%)
- Sp = mean vehicle speed (mph)
- M = surface material moisture content (%)
- C = Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	816.47	81.65
s	4.3%	4.3%
Sp	15	15
M	0.5%	0.5%
C	0.00047	0.00036
$EF_{Dust,U}$	5.20E+00	5.19E-01

Sources:

SCAQMD, CalEEMod, Version 2011.1.
CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document* , (1997).
USEPA, *AP-42* , Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).
PCR Services Corporation, 2013.

7. EMFAC2017
b. Construction On-Road Emissions 2021

MUIR School Project

Phase 2 - 2021 Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)
Demolition					
Total Haul Trips	60				
Hauling	4	30	8	20	15
Vendor	0	30	8	7.3	15
Worker	13	30	8	10.8	0
Grading					
Total Haul Trips	0				
Hauling	0	6	8	20	15
Vendor	0	6	8	7.3	15
Worker	8	6	8	10.8	0
Building Construction					
Total Haul Trips	0				
Hauling	0	150	8	20	15
Vendor	6	150	8	7.3	15
Worker	15	150	8	10.8	0
Paving					
Total Haul Trips	0				
Hauling	0	5	8	20	15
Vendor	0	5	8	7.3	15
Worker	13	5	8	10.8	0
Architectural coating					
Total Haul Trips	0				
Hauling	0	5	8	20	15
Vendor	0	5	8	7.3	15
Worker	3	5	8	10.8	0

MUIR School Project

Phase 2 - 2021 Total On-Road Emissions

Construction Phase	Regional Emissions (pounds/day)										(MT/yr)
	ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	Total CO2e
Demolition											
Total Haul Trips											
Hauling	0.03	0.75	0.16	0.00	0.07	0.01	0.08	0.02	0.01	0.03	3.97
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.02	0.27	0.00	0.11	0.00	0.11	0.03	0.00	0.03	1.29
Grading											
Total Haul Trips											
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.01	0.17	0.00	0.07	0.00	0.07	0.02	0.00	0.02	0.16
Building Construction											
Total Haul Trips											
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.02	0.36	0.10	0.00	0.04	0.01	0.05	0.01	0.01	0.02	9.69
Worker	0.01	0.03	0.32	0.00	0.12	0.00	0.12	0.03	0.00	0.03	7.44
Paving											
Total Haul Trips											
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.02	0.27	0.00	0.11	0.00	0.11	0.03	0.00	0.03	0.22
Architectural coating											
Total Haul Trips											
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.01	0.06	0.00	0.02	0.00	0.02	0.01	0.00	0.01	0.05

MUIR School Project
Phase 2 - 2021 Running Emissions

	Running Emissions Factor (grams/mile)					
	ROG	NOX	CO	SO2	PM10	PM2.5
Hauling	0.14116338	4.084471031	0.7454088	0.01408842	0.06403219	0.04071654
Vendor	0.16521431	3.416108421	0.78445173	0.01268151	0.06808103	0.05485915
Worker	0.01804962	0.07473613	0.88219509	0.0030099	0.00184949	0.0017034
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5
Demolition										
Total Haul Trips	60									
Hauling	4	30	8	20	0.02	0.72	0.13	0.00	0.01	0.01
Vendor	0	30	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	30	8	10.8	0.01	0.02	0.27	0.00	0.00	0.00
Grading										
Total Haul Trips	0									
Hauling	0	6	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	6	8	10.8	0.00	0.01	0.17	0.00	0.00	0.00
Building Construction										
Total Haul Trips	0									
Hauling	0	150	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	6	150	8	7.3	0.02	0.33	0.08	0.00	0.01	0.01
Worker	15	150	8	10.8	0.01	0.03	0.32	0.00	0.00	0.00
Paving										
Total Haul Trips	0									
Hauling	0	5	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	5	8	10.8	0.01	0.02	0.27	0.00	0.00	0.00

MUIR School Project
Phase 2 - 2021 Running Emissions

	Running Emissions Factor (grams/mile)					
	ROG	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
Hauling	0.14116338	4.084471031	0.7454088	0.01408842	0.06403219	0.04071654
Vendor	0.16521431	3.416108421	0.78445173	0.01268151	0.06808103	0.05485915
Worker	0.01804962	0.07473613	0.88219509	0.0030099	0.00184949	0.0017034
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	**Daily One-Way Trips**	**Haul Days per Phase (days)**	**Work Hours per Day (hours/day)**	**One-Way Trip Distance per Day (miles)**	**Regional Emissions (pounds/day) ROG**	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
Architectural coating										
Total Haul Trips	0									
Hauling	0	5	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	3	5	8	10.8	0.00	0.01	0.06	0.00	0.00	0.00

MUIR School Project
Phase 2 - 2021 Running Emissions

MUIR School Project
Phase 2 - 2021 Running Emissions

	Running Emissions Factor (grams/mile)		
	CO2	CH4	N2O
Hauling	1546.96313	0.07388885	0.24557044
Vendor	1363.94864	0.0424745	0.19704638
Worker	304.239994	0.00431097	0.00670332
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Demolition								
Total Haul Trips	60							
Hauling	4	30	8	20	3.71	0.00	0.17	3.89
Vendor	0	30	8	7.3	0.00	0.00	0.00	0.00
Worker	13	30	8	10.8	1.28	0.00	0.01	1.29
Grading								
Total Haul Trips	0							
Hauling	0	6	8	20	0.00	0.00	0.00	0.00
Vendor	0	6	8	7.3	0.00	0.00	0.00	0.00
Worker	8	6	8	10.8	0.16	0.00	0.00	0.16
Building Construction								
Total Haul Trips	0							
Hauling	0	150	8	20	0.00	0.00	0.00	0.00
Vendor	6	150	8	7.3	8.96	0.01	0.38	9.34
Worker	15	150	8	10.8	7.39	0.00	0.05	7.44
Paving								
Total Haul Trips	0							
Hauling	0	5	8	20	0.00	0.00	0.00	0.00
Vendor	0	5	8	7.3	0.00	0.00	0.00	0.00
Worker	13	5	8	10.8	0.21	0.00	0.00	0.22

MUIR School Project
Phase 2 - 2021 Running Emissions

MUIR School Project
Phase 2 - 2021 Running Emissions

	Running Emissions Factor (grams/mile)		
	CO2	**CH4**	**N2O**
Hauling	1546.96313	0.07388885	0.24557044
Vendor	1363.94864	0.0424745	0.19704638
Worker	304.239994	0.00431097	0.00670332
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Architectural coating								
Total Haul Trips	0							
Hauling	0	5	8	20	0.00	0.00	0.00	0.00
Vendor	0	5	8	7.3	0.00	0.00	0.00	0.00
Worker	3	5	8	10.8	0.05	0.00	0.00	0.05

MUIR School Project
Phase 2 - 2021 Idling Emissions

	Idling Emissions Factor (grams/minute)					
	ROG	NOX	CO	SO2	PM10	PM2.5
Hauling	0.01829615	0.249054753	0.23890001	0.00042228	0.00039153	0.0003746
Vendor	0.00962411	0.139414096	0.12759777	0.0002273	0.00023854	0.00022822
Worker	0	0	0	0	0	0
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5
Demolition										
Total Haul Trips	60									
Hauling	4	30	8	15	0.00	0.03	0.03	0.00	0.00	0.00
Vendor	0	30	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	30	8	0	0.00	0.00	0.00	0.00	0.00	0.00
Grading										
Total Haul Trips	0									
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	6	8	0	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction										
Total Haul Trips	0									
Hauling	0	150	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	6	150	8	15	0.00	0.03	0.03	0.00	0.00	0.00
Worker	15	150	8	0	0.00	0.00	0.00	0.00	0.00	0.00
Paving										
Total Haul Trips	0									
Hauling	0	5	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	5	8	0	0.00	0.00	0.00	0.00	0.00	0.00

MUIR School Project
Phase 2 - 2021 Idling Emissions

	Idling Emissions Factor (grams/minute)					
	ROG	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
Hauling	0.01829615	0.249054753	0.23890001	0.00042228	0.00039153	0.0003746
Vendor	0.00962411	0.139414096	0.12759777	0.0002273	0.00023854	0.00022822
Worker	0	0	0	0	0	0
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	**Daily One-Way Trips**	**Haul Days per Phase (days)**	**Work Hours per Day (hours/day)**	**Idling minutes per Day (miles)**	**Regional Emissions (pounds/day) ROG**	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
Architectural coating										
Total Haul Trips	0									
Hauling	0	5	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	3	5	8	0	0.00	0.00	0.00	0.00	0.00	0.00

MUIR School Project
Phase 2 - 2021 Idling Emissions

MUIR School Project
Phase 2 - 2021 Idling Emissions

	Idling Emissions Factor (grams/minute)		
	CO2	**CH4**	**N2O**
Hauling	45.5057164	0.00112086	0.00719059
Vendor	24.4560228	0.00064112	0.00384123
Worker	0	0	0
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
<u>Demolition</u>								
Total Haul Trips	60							
Hauling	4	30	8	15	0.08	0.00	0.00	0.09
Vendor	0	30	8	15	0.00	0.00	0.00	0.00
Worker	13	30	8	0	0.00	0.00	0.00	0.00
<u>Grading</u>								
Total Haul Trips	0							
Hauling	0	6	8	15	0.00	0.00	0.00	0.00
Vendor	0	6	8	15	0.00	0.00	0.00	0.00
Worker	8	6	8	0	0.00	0.00	0.00	0.00
<u>Building Construction</u>								
Total Haul Trips	0							
Hauling	0	150	8	15	0.00	0.00	0.00	0.00
Vendor	6	150	8	15	0.33	0.00	0.02	0.35
Worker	15	150	8	0	0.00	0.00	0.00	0.00
<u>Paving</u>								
Total Haul Trips	0							
Hauling	0	5	8	15	0.00	0.00	0.00	0.00
Vendor	0	5	8	15	0.00	0.00	0.00	0.00
Worker	13	5	8	0	0.00	0.00	0.00	0.00

MUIR School Project
Phase 2 - 2021 Idling Emissions

MUIR School Project
Phase 2 - 2021 Idling Emissions

	Idling Emissions Factor (grams/minute)		
	CO2	**CH4**	**N2O**
Hauling	45.5057164	0.00112086	0.00719059
Vendor	24.4560228	0.00064112	0.00384123
Worker	0	0	0
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Architectural coating								
Total Haul Trips	0							
Hauling	0	5	8	15	0.00	0.00	0.00	0.00
Vendor	0	5	8	15	0.00	0.00	0.00	0.00
Worker	3	5	8	0	0.00	0.00	0.00	0.00

MUIR School Project

Phase 2 - 2021 Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
Hauling	3.00E-01	0.06085398	0.03546617	7.36E-02	0.02608028	0.00886654
Vendor	3.00E-01	0.095597009	0.02373309	7.36E-02	0.04097015	0.00593327
Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW
Demolition										
Total Haul Trips	60									
Hauling	4	30	8	20	0.05	0.01	0.01	0.01	0.00	0.00
Vendor	0	30	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	30	8	10.8	0.09	0.01	0.00	0.02	0.00	0.00
Grading										
Total Haul Trips	0									
Hauling	0	6	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	6	8	10.8	0.06	0.01	0.00	0.01	0.00	0.00
Building Construction										
Total Haul Trips	0									
Hauling	0	150	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	6	150	8	7.3	0.03	0.01	0.00	0.01	0.00	0.00
Worker	15	150	8	10.8	0.11	0.01	0.00	0.03	0.01	0.00
Paving										
Total Haul Trips	0									
Hauling	0	5	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	5	8	10.8	0.09	0.01	0.00	0.02	0.00	0.00

MUIR School Project

Phase 2 - 2021 Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
Hauling	3.00E-01	0.06085398	0.03546617	7.36E-02	0.02608028	0.00886654
Vendor	3.00E-01	0.095597009	0.02373309	7.36E-02	0.04097015	0.00593327
Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
Architectural coating										
Total Haul Trips	0									
Hauling	0	5	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	5	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	3	5	8	10.8	0.02	0.00	0.00	0.01	0.00	0.00

MUIR School Project
Phase 2 - 2021 Road Dust

Paved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,P} = (k\ (sL)^{0.91} \times (W)^{1.02})$

Where:

- $EF_{Dust,P}$ = Paved Road Dust Emission Factor (having the same units as k)
- k = particle size multiplier
- sL = road surface silt loading (g/m^2)
- W = average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	0.9979	0.2449
sL	0.1	0.1
W	2.4	2.4
$EF_{Dust,P}$	3.00E-01	7.36E-02

Unpaved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,U} = (k\ (\ s / 12)^{1} \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C)$

Where:

- $EF_{Dust,U}$ = Unpaved Road Dust Emission Factor (having the same units as k)
- k = particle size multiplier
- s = surface material silt content (%)
- Sp = mean vehicle speed (mph)
- M = surface material moisture content (%)
- C = Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	816.47	81.65
s	4.3%	4.3%
Sp	15	15
M	0.5%	0.5%
C	0.00047	0.00036
$EF_{Dust,U}$	5.20E+00	5.19E-01

Sources:

SCAQMD, CalEEMod, Version 2011.1.
CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document* , (1997).
USEPA, *AP-42* , Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).
PCR Services Corporation, 2013.

7. EMFAC2017
c. Construction On-Road Emissions 2022

MUIR School Project

Phase 3 - 2022 Total On-Road Emissions

Construction Phase	Daily One-Way Trips	Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Idling per Day (minutes)
Demolition					
Total Haul Trips	67				
Hauling	3	90	8	20	15
Vendor	0	90	8	7.3	15
Worker	13	90	8	10.8	0
Grading					
Total Haul Trips	0				
Hauling	0	6	8	20	15
Vendor	0	6	8	7.3	15
Worker	8	6	8	10.8	0
Paving					
Total Haul Trips	0				
Hauling	0	10	8	20	15
Vendor	0	10	8	7.3	15
Worker	13	10	8	10.8	0

MUIR School Project

Phase 3 - 2022 Total On-Road Emissions

Construction Phase	Regional Emissions (pounds/day)										(MT/yr)
	ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5	Total CO2e
Demolition											
Total Haul Trips											
Hauling	0.01	0.47	0.10	0.00	0.05	0.00	0.06	0.01	0.00	0.02	8.69
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.02	0.25	0.00	0.11	0.00	0.11	0.03	0.00	0.03	3.75
Grading											
Total Haul Trips											
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.01	0.15	0.00	0.07	0.00	0.07	0.02	0.00	0.02	0.15
Paving											
Total Haul Trips											
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.02	0.25	0.00	0.11	0.00	0.11	0.03	0.00	0.03	0.42

MUIR School Project
Phase 3 - 2022 Running Emissions
+

	Running Emissions Factor (grams/mile)					
	ROG	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
Hauling	0.07737413	3.386864349	0.5819193	0.01363057	0.03513196	0.01761569
Vendor	0.08523322	2.679385459	0.5607605	0.01229326	0.03511901	0.02559772
Worker	0.01574984	0.065600964	0.80551401	0.00291872	0.00174681	0.00160867
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	**Daily One-Way Trips**	**Days per Phase (days)**	**Work Hours per Day (hours/day)**	**One-Way Trip Distance per Day (miles)**	**Regional Emissions (pounds/day) ROG**	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
<u>Demolition</u>										
Total Haul Trips	67									
Hauling	3	90	8	20	0.01	0.45	0.08	0.00	0.00	0.00
Vendor	0	90	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	90	8	10.8	0.00	0.02	0.25	0.00	0.00	0.00
<u>Grading</u>										
Total Haul Trips	0									
Hauling	0	6	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	6	8	10.8	0.00	0.01	0.15	0.00	0.00	0.00
<u>Paving</u>										
Total Haul Trips	0									
Hauling	0	10	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	10	8	10.8	0.00	0.02	0.25	0.00	0.00	0.00

MUIR School Project
Phase 3 - 2022 Running Emissions

MUIR School Project
Phase 3 - 2022 Running Emissions

+

	Running Emissions Factor (grams/mile)		
	CO2	CH4	N2O
Hauling	1501.71125	0.07351278	0.23860987
Vendor	1324.56482	0.03983944	0.19097306
Worker	295.026232	0.00380823	0.00612832
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (MT/year)			
					CO2	CH4	N2O	CO2e
Demolition								
Total Haul Trips	67							
Hauling	3	90	8	20	8.11	0.01	0.37	8.49
Vendor	0	90	8	7.3	0.00	0.00	0.00	0.00
Worker	13	90	8	10.8	3.73	0.00	0.02	3.75
Grading								
Total Haul Trips	0							
Hauling	0	6	8	20	0.00	0.00	0.00	0.00
Vendor	0	6	8	7.3	0.00	0.00	0.00	0.00
Worker	8	6	8	10.8	0.15	0.00	0.00	0.15
Paving								
Total Haul Trips	0							
Hauling	0	10	8	20	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00
Worker	13	10	8	10.8	0.41	0.00	0.00	0.42

MUIR School Project

Phase 3 - 2022 Idling Emissions

	Idling Emissions Factor (grams/minute)					
	ROG	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
Hauling	0.01803634	0.246891146	0.25227167	0.00042885	0.0001586	0.00015174
Vendor	0.00946103	0.136177018	0.13430227	0.00023023	0.00010542	0.00010086
Worker	0	0	0	0	0	0
GWP	N/A	N/A	N/A	N/A	N/A	N/A

Construction Phase	**Daily One-Way Trips**	**Days per Phase (days)**	**Work Hours per Day (hours/day)**	**Idling minutes per Day (miles)**	**Regional Emissions (pounds/day) ROG**	**NOX**	**CO**	**SO2**	**PM10**	**PM2.5**
Demolition										
Total Haul Trips	67									
Hauling	3	90	8	15	0.00	0.02	0.03	0.00	0.00	0.00
Vendor	0	90	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	90	8	0	0.00	0.00	0.00	0.00	0.00	0.00
Grading										
Total Haul Trips	0									
Hauling	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	6	8	0	0.00	0.00	0.00	0.00	0.00	0.00
Paving										
Total Haul Trips	0									
Hauling	0	10	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	15	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	10	8	0	0.00	0.00	0.00	0.00	0.00	0.00

MUIR School Project
Phase 3 - 2022 Idling Emissions

MUIR School Project
Phase 3 - 2022 Idling Emissions

	Idling Emissions Factor (grams/minute)		
	CO2	CH4	N2O
Hauling	46.2442416	0.00112139	0.00730866
Vendor	24.7876412	0.00064145	0.00389455
Worker	0	0	0
GWP	1	25	290

Construction Phase	Daily One-Way Trips	Days per Phase (days)	Work Hours per Day (hours/day)	Idling minutes per Day (miles)	Regional Emissions (MT/year) CO2	CH4	N2O	CO2e
Demolition								
Total Haul Trips	67							
Hauling	3	90	8	15	0.19	0.00	0.01	0.20
Vendor	0	90	8	15	0.00	0.00	0.00	0.00
Worker	13	90	8	0	0.00	0.00	0.00	0.00
Grading								
Total Haul Trips	0							
Hauling	0	6	8	15	0.00	0.00	0.00	0.00
Vendor	0	6	8	15	0.00	0.00	0.00	0.00
Worker	8	6	8	0	0.00	0.00	0.00	0.00
Paving								
Total Haul Trips	0							
Hauling	0	10	8	15	0.00	0.00	0.00	0.00
Vendor	0	10	8	15	0.00	0.00	0.00	0.00
Worker	13	10	8	0	0.00	0.00	0.00	0.00

MUIR School Project

Phase 3 - 2022 Road Dust, Break Wear, and Tire wear Emissions

	Emission Factors (grams/mile)					
	PM10			PM2.5		
	RD	BW	TW	RD	BW	TW
Hauling	3.00E-01	0.060860667	0.03547016	7.36E-02	0.02608314	0.00886754
Vendor	3.00E-01	0.095600352	0.02373508	7.36E-02	0.04097158	0.00593377
Worker	3.00E-01	0.036750011	0.008	7.36E-02	0.01575	0.002

Construction Phase	Daily One-Way Trips	Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day)					
					PM10			PM2.5		
					RD	BW	TW	RD	BW	TW
Demolition										
Total Haul Trips	67									
Hauling	3	90	8	20	0.04	0.01	0.00	0.01	0.00	0.00
Vendor	0	90	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	90	8	10.8	0.09	0.01	0.00	0.02	0.00	0.00
Grading										
Total Haul Trips	0									
Hauling	0	6	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	6	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	8	6	8	10.8	0.06	0.01	0.00	0.01	0.00	0.00
Paving										
Total Haul Trips	0									
Hauling	0	10	8	20	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0	10	8	7.3	0.00	0.00	0.00	0.00	0.00	0.00
Worker	13	10	8	10.8	0.09	0.01	0.00	0.02	0.00	0.00

MUIR School Project
Phase 3 - 2022 Road Dust

Paved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,P} = (k\ (sL)^{0.91} \times (W)^{1.02})$

Where:

- $EF_{Dust,P}$ = Paved Road Dust Emission Factor (having the same units as k)
- k = particle size multiplier
- sL = road surface silt loading (g/m^2)
- W = average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	0.9979	0.2449
sL	0.1	0.1
W	2.4	2.4
$EF_{Dust,P}$	3.00E-01	7.36E-02

Unpaved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,U} = (k\ (\ s / 12)^{1} \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C)$

Where:

- $EF_{Dust,U}$ = Unpaved Road Dust Emission Factor (having the same units as k)
- k = particle size multiplier
- s = surface material silt content (%)
- Sp = mean vehicle speed (mph)
- M = surface material moisture content (%)
- C = Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	816.47	81.65
s	4.3%	4.3%
Sp	15	15
M	0.5%	0.5%
C	0.00047	0.00036
$EF_{Dust,U}$	5.20E+00	5.19E-01

Sources:

SCAQMD, CalEEMod, Version 2011.1.
CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document* , (1997).
USEPA, *AP-42* , Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).
PCR Services Corporation, 2013.

8. Construction Health Risk

8. Construction Health Risk
a. Methodology

HEALTH RISK ASSESSMENT (HRA) METHODOLOGY

The greatest potential for TAC emissions would be related to diesel particulate matter (DPM) emissions associated with heavy equipment operations during demolition, grading and excavation, and building construction activities. The cancer risk values for DPM considers exposure via the inhalation pathway. The potential exposure through other pathways (e.g., ingestion) requires substance and site-specific data, and the specific parameters for DPM are not known for these pathways.[1] The OEHHA guidelines recommends the incorporation of several factors to quantify the carcinogenic compound dose via the inhalation pathway. Once determined, the dose is multiplied by the compound-specific inhalation cancer potency factor to derive the cancer risk estimate. The dose takes into account the concentration at a sensitive receptor. The cancer potency factor is compound-specific. In performing health risk calculations, carcinogenic compounds are not considered to have threshold levels (i.e., dose levels below which there are no risks). Any exposure, therefore, will have some associated risk. Incremental health risks associated with exposure to carcinogenic compounds is defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. Under a deterministic approach (i.e., point estimate methodology), the cancer risk probability is determined by multiplying the chemical's annual concentration by its unit risk factor (URF). The URF for DPM recommended by the Scientific Review Panel[2] is 3.0 x 10-4 per microgram per cubic meter ($\mu g/m^3$). This value corresponds to a Cancer Potency Factor (CPF) of 1.1 per milligram/kilogram (body weight) per day (mg/kg(bw)-day). The URF for DPM means that for receptors with an annual average concentration of 1 $\mu g/m^3$ in the ambient air, the probability of contracting cancer over a 70-year lifetime of exposure is 300 in 1 million. The URF also assumes that a person is exposed continuously for a 70 year lifetime. This approach for calculating cancer risk is intended to result in conservative (i.e., health protective) estimates of health impacts and is used for assessing risks to sensitive receptors. The estimation of cancer risk generally uses the following algorithms:

$$\text{Risk} = \text{Dose inhalation} \times \text{Inhalation CPF} \times \text{ASF} \qquad \text{(Equation 1)}$$

Where:

$$\text{Dose inhalation} = C_{AIR} \times \text{DBR} \times \text{A} \times \text{EF} \times \text{ED} \times \text{FAH} / \text{AT} \qquad \text{(Equation 2)}$$

Inhalation CPF = inhalation cancer potency factor

ASF = age sensitivity factor

Where:

C_{AIR} = concentration of compound in air in micrograms per cubic meter ($\mu g/m^3$)

DBR = breathing rate in liter per kilogram of body weight per day (L/kg-body weight/day)

A = inhalation absorption factor (1 for DPM)

---

1 California Air Resources Board, Report to the Air Resources Board on the Proposed Identification of Diesel Exhaust as a Toxic Air Contaminant, Part A Exposure *Assessment*, Approved by the Scientific Review Panel, (1998).

2 The Scientific Review Panel is charged with evaluating the risk assessments of substances proposed for identification as toxic air contaminants by CARB, OEHHA, and the Department of Pesticide Regulation (DPR), and the review of guidelines prepared by OEHHA.

EF = exposure frequency in days per year (day/year)

ED = exposure duration in years (year)

FAH = fraction of time at home

AT = averaging time period over which exposure is averaged in days (day)

The OEHHA recommended values for the parameters listed above were used in the HRA analysis. The daily breathing rate (DBR) used in the analysis was based on was based on OEHHA recommendations which vary depending on age, as shown in the assumptions for each risk scenario. The recommended exposure frequency (EF) is 350 days per year which is equivalent to 0.96 (350 days / 365 days a year). The inhalation absorption factor (A) is assumed to be 1 for inhalation based risk assessment. As indicated in Equation 1 above, each age group has different exposure parameters which require cancer risk to be calculated separately for each age group. Values for fraction of time at home (FAH) also vary depending on age, as shown in the assumptions for each risk scenario. Once dose is calculated, cancer risk is calculated by accounting for cancer potency of the specific pollutant, and the age sensitivity factor (ASF), which also varies by age as shown in the assumptions for each risk scenario.

The HRA includes three separate components: 1) Emissions inventory; 2) Dispersion Modeling; and 3) Health Risk Calculations. Each of these components is discussed in detail in below.

EMISSIONS INVENTORY

Emissions analyzed in the HRA were based on the air quality and greenhouse gas sections of the MND. The MND analyzed construction emissions using the approved California Emissions Estimator Model (CalEEMod) model. The air quality analysis prepared for the MND estimated maximum daily emissions for each construction phase. The construction emissions utilized for this HRA assumed the same construction schedule and equipment types as the analysis contained in the DEIR. Specifically, the emissions estimate assumes three consecutive construction phases with completion anticipated by December 2022. The HRA takes into account the school's schedule in determining risk, specifically the analysis assumes the school is closed from the third week of June until the Monday before Labor Day, closed for one week at Thanksgiving, closed for two weeks in December/January for winter break and closed the last week of March for spring break.

The emissions estimates provided in the MND represent the maximum daily emissions from each phase that would be expected from construction of the project utilizing maximum daily heavy-duty construction equipment activity levels.

DISPERSION MODELING

Dispersion modeling predicts the air pollutant concentrations due to emissions from a source at defined receptor point locations. Dispersion modeling was performed using the USEPA approved AMS/EPA Regulatory Model (AERMOD) with meteorological data from Montgomery Field Airport.[3] Emission sources were located on the Muir School site corresponding to the areas of construction activity. Volume

[3] https://www.arb.ca.gov/toxics/harp/metfiles2.htm#metlist

line sources were used to represent the emission sources on the project site. Construction emissions would not be generated during the nighttime hours; therefore, the dispersion modeling allocates the emissions during the active daytime construction hours. Sensitive receptors identified for modeling were placed at the location of nearby sensitive land uses and onsite buildings. Sensitive receptors off-site include residential land uses to the north, east, south, and west of the project site with the closest to the south located adjacent to the school boundary. Sensitive receptors, including the maximum residential and maximum school receptors are included in the figure below.

HEALTH RISK CALCULATIONS

The resulting health risk calculations were performed using a spreadsheet tool consistent with the OEHHA guidance. The spreadsheet tool incorporates the algorithms, equations, and a variable described above as well as in the OEHHA guidance, and incorporates the results of the AERMOD dispersion model. The risk calculations are included in the following risk scenarios

- Unmitigated Residential Risk
- Unmitigated School Risk
- Mitigated Constructional Risk
- Mitigated School Risk.


Legend:
Receptor Location
Max School Receptor
Max Residential Receptor
Max School
Max Residential
Mt Henry Pl
Mt Henry Way
Mt Henry Ave
Mt Voss Dr
Mt Putnam Ave
Mt Jefferson Ave
Mt Foster Ave
Mt Davis Ave
Mt Elbrus Ct
Mt Elbrus Dr
Mt Etna Dr
Mt Everest Blvd
Mt Frissell Dr
Mt Gaywas Dr
Mt Hay Dr
Mt Harris Dr
Genesee Ave
Mt Longstreet
Mt La Plata Dr
Mt Ellery Ave
W King Dr
Google Earth
© 2018 Google
© 2018 INEGI
800 ft
N

8. Construction Health Risk
b. Unmitigated Residential Risk

Construction Health Risk
Unmitigated Residential - Assumptions and Risk Summary

MUIR School Project

Unmitigated Residential - Construction Health Risk Assumptions

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1	1	1	1	no units
EF	0.958904	0.958904	0.958904	0.958904	years
Constant 1	0.000001	0.000001	0.000001	0.000001	no units
CPF	1.1	1.1	1.1	1.1	mg/kg-day-1
ASF	10	10	3	1	no units
P1Demo	0.05	0.00	0.00	0.00	years
P1SP	0.01	0.00	0.00	0.00	years
P1G	0.02	0.00	0.00	0.00	years
P1BC	0.10	0.53	0.00	0.00	years
P1P1	0.00	0.03	0.00	0.00	years
P1P2	0.00	0.03	0.00	0.00	years
P2D	0.00	0.04	0.00	0.00	years
P2BC	0.00	0.42	0.00	0.00	years
P2P	0.00	0.01	0.00	0.00	years
P3	0.00	0.12	0.17	0.00	years
AT	70	70	70	70	years
FAH	1	1	1	0.73	day
Constant 2	1,000,000	1,000,000	1,000,000	1,000,000	no units
Dose Constants:	0.000346	0.001045	0.000605	0.00025	no units
Risk Constants:	0.157143	0.157143	0.047143	0.011471	no units

Dose = (Cair X DBR X A X EF X Constant 1)

Cancer Risk = Dose X CPF x ASF x (ED/AT) X FAH

Risk per Million = Cancer Risk X Constant 2

Non-Cancer Hazard Quotent = Average Annual Concentration x Chronic Inhalation REL

Onsite	lbs/day	g/day	g/sec
	3rd Trimester		
P1Demo	1.1525	522.76521	0.012101
P1SP	0.7771	352.48663	0.0081594
P1G	0.9902	449.14716	0.0103969
P1BC	0.9482	430.09629	0.0099559
	Birth to 2 years		
P1BC	0.9039461	410.02306	0.0094913
P1P1	0.1664571	75.50369	0.0017478
P1P2	0.4161429	188.75922	0.0043694
P2D	0.889775	403.59515	0.0093425
P2BC	0.6648613	301.57601	0.0069809
P2P	0.4153	188.37691	0.0043606
P3	0.8379	380.06505	0.0087978
	2 to 16 years		
P3	0.7277613	330.10697	0.0076414

MUIR School Project

Unmitigated Residential - Construction Health Risk Assumptions

Source Name	Description
P1Demo	Phase 1 Demolition of buildings and existing hardscape
P1SP	Phase 1 Site Preparation of areas north, east and south of soccer field
P1G	Phase 1 Grading of new building area and areas north and south of the soccer field
P1BC	Phase 1 construction of new building and architectural coating application
P1P1	Hardscape/paving of area south of the soccer field
P1P2	Hardscape/paving of area north and west of the soccer field
P2D	Phase 2 Demolition and grading activities
P2BC	Phase 2 Building construction and architectural coating activities
P2P	Phase 2 Paving activities
P3	Phase 3 Demolition, grading and paving activities

Construction activities can occur between 7 am and 7 pm Monday through Friday.

Receptor Designations

Residential #43 to 284

School

EOS	#1-13	Building use discontinued after Phase 1
POS	#14-34	Buildings onsite that are not removed
NOS	#34-42	Buildings onsite that are used after Phase 1

For school receptors risk for onsite receptors is determined by taking the max of the following scenarios

1. Sum of risk from all 3 phases for the POS receptors.
2. Sum of risk for Max EOS receptor for Phase 1 and Max NOS receptors for Phase 2 & 3
3. Sum of Risk for Max EOS receptors for Phase 1 & 2 and Max NOS receptors for Phase 3

MUIR School Project
Unmitigated Residential - Emissions

Phase	Start	End	# days	lbs/day PM10
Phase 1				
Demolition	06/01/20	06/26/20	20	1.1525
Site Preparation	06/27/20	07/01/20	3	0.7771
Grading	07/02/20	07/09/20	6	0.9902
Building Construction	07/10/20	05/13/21	220	0.9482
Paving	05/14/21	05/27/21	10	0.5826
Architectural Coating	05/28/21	06/10/21	10	0.0941
Phase 2				
Demolition	07/01/21	08/11/21	30	1.0409
Grading	08/12/21	08/19/21	6	0.6379
Building Construction	09/01/21	05/03/22	150	0.6843
Paving	09/01/21	09/07/21	5	0.4153
Architectural Coating	05/01/22	05/06/22	5	0.0817
Phase 3				
Demolition	07/01/22	11/03/22	90	0.8379
Grading	11/04/22	11/08/22	6	0.5173
Paving	11/12/22	11/25/22	10	0.3474

Source	# Volume Sources	% Volume Sources
P1P1	10	0.28571429
P1P2	25	0.71428571

Source: *ESA Caleemod Modeling Spreadsheet*

Residential Risk CalEEMod Phase	**Start**	**End**	**Days**	**3rd 6/1/2020 - 8/31/2020**	**B-2 9/1/2020 - 8/31/2022**	**2-16 9/1/2022 - 12/31/2022**	**Lbs/day**	**Source**
Phase 1								
Demolition	6/1/2020	6/26/2020	20	20	0	0	1.1525	P1Demo
Site Preparation	6/27/2020	7/1/2020	3	3	0	0	0.7771	P1SP
Grading	7/2/2020	7/9/2020	6	6	0	0	0.9902	P1G
Building Construction	7/10/2020	5/13/2021	220	37	183	0	0.9482	P1BC
Paving	5/14/2021	5/27/2021	10	0	10	0	0.5826	P1P1, P1P2
Architectural Coating	5/28/2021	6/10/2021	10	0	10	0	0.0941	P1BC
Phase 2								
Demolition	7/1/2021	8/11/2021	30	0	10	0	1.0409	P2D
Grading	8/12/2021	8/19/2021	6	0	6	0	0.6379	P2D
Building Construction	9/1/2021	5/3/2022	150	0	150	0	0.6843	P2BC
Paving	9/1/2021	9/7/2021	5	0	5	0	0.4153	P2P
Architectural Coating	5/1/2022	5/6/2022	5	0	5	0	0.0817	P2BC
Phase 3								
Demolition	7/1/2022	11/3/2022	90	0	44	46	0.8379	P3
Grading	11/4/2022	11/8/2022	6	0	0	6	0.5173	P3
Paving	11/12/2022	11/25/2022	10	0	0	10	0.3474	P3

Source	**Days 3rd**	**Average lbs/day**	**Days B-2**	**Total Lbs B-2**	**Average lbs/day**	**Days 2-16**	**Total lbs 2-16**	**Average lbs/day**
P1Demo	20	**1.1525**	0		-	0		-
P1SP	3	**0.7771**	0		-	0		-
P1G	6	**0.9902**	0		-	0		-
P1BC	37	**0.9482**	193	174.4616	**0.90394611**	0		-
P1P1	0	-	10	1.66457143	**0.16645714**	0		-
P1P2	0	-	10	4.16142857	**0.41614286**	0		-
P2D	0	-	16	14.2364	**0.889775**	0		-
P2BC	0	-	155	103.0535	**0.66486129**	0		-
P2P	0	-	5		**0.4153**	0		-
P3	0	-	44		**0.8379**	62	45.1212	**0.72776129**

MUIR School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

			132 Receptor			132 Receptor					188 Receptor			165 Receptor	
			35.12 Max			31.58 Max P1					20.86 Max P2			6.51 Max P3	
Receptor #	X	Y	Total	P1 total	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2 Total	P2D	P2BC	P2P	P3
43	379060	3782955	0.41	0.25	0.01	0.00	0.00	0.23	0.00	0.00	0.10	0.01	0.09	0.00	0.06
44	379110	3782955	0.47	0.29	0.01	0.00	0.00	0.27	0.00	0.00	0.11	0.01	0.10	0.00	0.07
45	379160	3782955	0.54	0.34	0.01	0.00	0.00	0.32	0.00	0.00	0.12	0.01	0.11	0.00	0.08
46	379210	3782955	0.63	0.40	0.01	0.00	0.00	0.37	0.00	0.01	0.14	0.02	0.12	0.00	0.09
47	379260	3782955	0.72	0.47	0.02	0.00	0.00	0.43	0.00	0.01	0.15	0.02	0.13	0.00	0.10
48	379310	3782955	0.83	0.54	0.02	0.00	0.00	0.51	0.00	0.01	0.17	0.02	0.15	0.00	0.12
49	378510	3783005	0.95	0.63	0.02	0.00	0.01	0.58	0.01	0.01	0.19	0.02	0.16	0.00	0.13
50	378560	3783005	1.06	0.71	0.02	0.00	0.01	0.66	0.01	0.01	0.20	0.02	0.18	0.00	0.15
51	378610	3783005	1.17	0.79	0.03	0.00	0.01	0.74	0.01	0.01	0.22	0.02	0.19	0.00	0.16
52	378660	3783005	1.27	0.87	0.03	0.00	0.01	0.81	0.01	0.01	0.23	0.03	0.20	0.00	0.17
53	378710	3783005	1.35	0.93	0.03	0.00	0.01	0.86	0.01	0.01	0.25	0.03	0.22	0.00	0.18
54	378760	3783005	1.40	0.97	0.03	0.00	0.01	0.90	0.01	0.01	0.26	0.03	0.23	0.00	0.18
55	378960	3783005	1.36	0.91	0.03	0.00	0.01	0.85	0.01	0.01	0.28	0.03	0.24	0.00	0.16
56	379010	3783005	1.30	0.86	0.03	0.00	0.01	0.79	0.01	0.01	0.28	0.03	0.25	0.00	0.15
57	379060	3783005	1.21	0.79	0.03	0.00	0.01	0.73	0.01	0.01	0.28	0.03	0.24	0.00	0.14
58	379110	3783005	1.12	0.72	0.03	0.00	0.01	0.66	0.01	0.01	0.27	0.03	0.24	0.00	0.13
59	379160	3783005	1.03	0.65	0.02	0.00	0.01	0.60	0.01	0.01	0.26	0.03	0.23	0.00	0.12
60	379210	3783005	0.94	0.58	0.02	0.00	0.01	0.54	0.01	0.01	0.25	0.03	0.22	0.00	0.11
61	379260	3783005	0.52	0.32	0.01	0.00	0.00	0.30	0.00	0.00	0.12	0.01	0.11	0.00	0.08
62	379310	3783005	0.62	0.39	0.01	0.00	0.00	0.36	0.00	0.01	0.14	0.02	0.12	0.00	0.09
63	379360	3783005	0.73	0.46	0.02	0.00	0.00	0.43	0.00	0.01	0.16	0.02	0.14	0.00	0.11
64	378460	3783055	0.86	0.56	0.02	0.00	0.00	0.52	0.00	0.01	0.18	0.02	0.15	0.00	0.13
65	378510	3783055	1.02	0.68	0.02	0.00	0.01	0.63	0.01	0.01	0.20	0.02	0.17	0.00	0.15
66	378560	3783055	1.21	0.81	0.03	0.00	0.01	0.76	0.01	0.01	0.22	0.02	0.19	0.00	0.17
67	378610	3783055	1.40	0.96	0.03	0.00	0.01	0.90	0.01	0.01	0.25	0.03	0.21	0.00	0.20
68	378660	3783055	1.59	1.10	0.04	0.00	0.01	1.03	0.01	0.01	0.27	0.03	0.24	0.00	0.22
69	378710	3783055	1.76	1.23	0.04	0.00	0.01	1.15	0.01	0.01	0.29	0.03	0.25	0.00	0.23
70	379010	3783055	1.89	1.33	0.04	0.00	0.01	1.24	0.02	0.01	0.31	0.04	0.27	0.00	0.24
71	379060	3783055	1.96	1.38	0.04	0.01	0.01	1.29	0.02	0.02	0.33	0.04	0.29	0.00	0.24
72	379110	3783055	1.49	0.97	0.03	0.00	0.01	0.90	0.01	0.02	0.35	0.04	0.30	0.01	0.17
73	379160	3783055	1.35	0.86	0.03	0.00	0.01	0.79	0.01	0.02	0.33	0.04	0.29	0.01	0.15
74	379210	3783055	1.21	0.76	0.03	0.00	0.01	0.70	0.01	0.01	0.31	0.04	0.27	0.01	0.14
75	379260	3783055	1.08	0.66	0.02	0.00	0.01	0.61	0.01	0.01	0.30	0.03	0.26	0.00	0.12
76	379310	3783055	0.52	0.32	0.01	0.00	0.00	0.30	0.00	0.00	0.12	0.01	0.11	0.00	0.08
77	379360	3783055	0.65	0.40	0.01	0.00	0.00	0.37	0.00	0.01	0.15	0.02	0.13	0.00	0.10
78	379410	3783055	0.81	0.51	0.02	0.00	0.00	0.48	0.00	0.01	0.17	0.02	0.15	0.00	0.12
79	378460	3783105	1.04	0.67	0.02	0.00	0.01	0.63	0.01	0.01	0.20	0.02	0.18	0.00	0.16
80	378510	3783105	1.29	0.85	0.03	0.00	0.01	0.80	0.01	0.01	0.23	0.03	0.21	0.00	0.20
81	378560	3783105	1.59	1.09	0.04	0.00	0.01	1.02	0.01	0.01	0.27	0.03	0.23	0.00	0.24
82	378610	3783105	1.95	1.36	0.04	0.00	0.01	1.28	0.01	0.01	0.30	0.03	0.27	0.00	0.28
83	378660	3783105	2.31	1.65	0.05	0.00	0.01	1.55	0.02	0.02	0.34	0.04	0.30	0.00	0.32
84	379060	3783105	2.62	1.91	0.06	0.01	0.02	1.78	0.02	0.02	0.37	0.04	0.33	0.01	0.34
85	379110	3783105	2.84	2.08	0.07	0.01	0.02	1.94	0.03	0.02	0.41	0.05	0.35	0.01	0.36
86	379160	3783105	2.90	2.12	0.07	0.01	0.02	1.97	0.03	0.02	0.43	0.05	0.38	0.01	0.35

MUIR School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

			132 Receptor			132 Receptor					188 Receptor			165 Receptor	
87	379210	3783105	1.83	1.19	0.04	0.01	0.01	1.09	0.01	0.02	0.44	0.05	0.38	0.01	0.20
88	379260	3783105	1.60	1.01	0.04	0.01	0.01	0.93	0.01	0.02	0.41	0.05	0.36	0.01	0.18
89	379310	3783105	1.40	0.86	0.03	0.00	0.01	0.79	0.01	0.02	0.38	0.05	0.33	0.01	0.15
90	379360	3783105	1.22	0.74	0.03	0.00	0.01	0.68	0.01	0.02	0.35	0.04	0.30	0.01	0.13
91	379410	3783105	1.07	0.63	0.02	0.00	0.01	0.58	0.01	0.01	0.32	0.04	0.28	0.01	0.12
92	379460	3783105	0.62	0.38	0.01	0.00	0.00	0.35	0.00	0.01	0.15	0.02	0.13	0.00	0.10
93	378460	3783155	0.77	0.48	0.02	0.00	0.00	0.44	0.00	0.01	0.17	0.02	0.15	0.00	0.12
94	378510	3783155	0.95	0.60	0.02	0.00	0.01	0.56	0.00	0.01	0.20	0.02	0.17	0.00	0.15
95	378560	3783155	1.25	0.81	0.03	0.00	0.01	0.75	0.01	0.01	0.24	0.03	0.21	0.00	0.20
96	378610	3783155	1.63	1.08	0.04	0.00	0.01	1.02	0.01	0.01	0.28	0.03	0.24	0.00	0.27
97	378660	3783155	2.15	1.48	0.05	0.00	0.01	1.39	0.01	0.01	0.33	0.04	0.29	0.00	0.34
98	379110	3783155	2.89	2.07	0.07	0.00	0.02	1.95	0.02	0.02	0.38	0.04	0.34	0.01	0.43
99	379160	3783155	3.71	2.76	0.08	0.01	0.02	2.59	0.03	0.02	0.44	0.05	0.39	0.01	0.51
100	379210	3783155	4.42	3.37	0.10	0.01	0.03	3.15	0.05	0.03	0.50	0.06	0.44	0.01	0.56
101	379260	3783155	4.75	3.64	0.11	0.01	0.03	3.40	0.06	0.03	0.55	0.06	0.48	0.01	0.56
102	379310	3783155	4.66	3.54	0.11	0.01	0.03	3.29	0.06	0.03	0.59	0.07	0.52	0.01	0.53
103	379360	3783155	3.09	2.13	0.07	0.01	0.02	1.97	0.03	0.03	0.62	0.07	0.54	0.01	0.34
104	379410	3783155	2.20	1.41	0.05	0.01	0.01	1.29	0.02	0.03	0.56	0.07	0.48	0.01	0.24
105	379460	3783155	1.86	1.16	0.04	0.01	0.01	1.06	0.01	0.02	0.51	0.06	0.44	0.01	0.20
106	379510	3783155	1.59	0.96	0.04	0.01	0.01	0.88	0.01	0.02	0.46	0.05	0.40	0.01	0.17
107	378410	3783205	1.36	0.80	0.03	0.00	0.01	0.73	0.01	0.02	0.41	0.05	0.36	0.01	0.14
108	378460	3783205	1.17	0.67	0.03	0.00	0.01	0.62	0.01	0.02	0.37	0.04	0.32	0.01	0.12
109	378510	3783205	0.84	0.52	0.02	0.00	0.00	0.48	0.00	0.01	0.19	0.02	0.16	0.00	0.14
110	378560	3783205	1.08	0.68	0.02	0.00	0.01	0.63	0.01	0.01	0.22	0.02	0.20	0.00	0.18
111	378610	3783205	1.47	0.94	0.03	0.00	0.01	0.88	0.01	0.01	0.27	0.03	0.24	0.00	0.25
112	379160	3783205	2.05	1.35	0.04	0.00	0.01	1.27	0.01	0.01	0.33	0.04	0.29	0.00	0.36
113	379210	3783205	2.95	2.03	0.06	0.00	0.02	1.91	0.02	0.02	0.40	0.04	0.35	0.01	0.52
114	379260	3783205	4.61	3.36	0.10	0.01	0.02	3.18	0.03	0.02	0.50	0.05	0.44	0.01	0.75
115	379310	3783205	6.97	5.42	0.16	0.01	0.04	5.12	0.05	0.03	0.59	0.06	0.52	0.01	0.96
116	379360	3783205	9.25	7.51	0.22	0.02	0.06	7.05	0.12	0.04	0.70	0.08	0.61	0.01	1.05
117	379410	3783205	9.63	7.86	0.23	0.03	0.08	7.27	0.21	0.05	0.79	0.09	0.69	0.01	0.98
118	379460	3783205	8.22	6.53	0.20	0.04	0.07	6.01	0.16	0.05	0.86	0.10	0.76	0.01	0.83
119	379510	3783205	4.00	2.72	0.10	0.02	0.03	2.49	0.04	0.05	0.86	0.10	0.75	0.01	0.42
120	379560	3783205	3.20	2.07	0.07	0.01	0.02	1.89	0.02	0.04	0.80	0.09	0.69	0.01	0.33
121	378410	3783255	2.59	1.61	0.06	0.01	0.02	1.47	0.02	0.03	0.71	0.08	0.62	0.01	0.27
122	378460	3783255	2.13	1.28	0.05	0.01	0.01	1.17	0.01	0.03	0.63	0.08	0.54	0.01	0.22
123	378510	3783255	1.76	1.03	0.04	0.01	0.01	0.94	0.01	0.02	0.55	0.07	0.48	0.01	0.18
124	378560	3783255	1.48	0.84	0.03	0.00	0.01	0.77	0.01	0.02	0.48	0.06	0.41	0.01	0.15
125	379210	3783255	1.25	0.70	0.03	0.00	0.01	0.64	0.01	0.02	0.42	0.05	0.36	0.01	0.13
126	379260	3783255	1.20	0.74	0.03	0.00	0.01	0.69	0.01	0.01	0.25	0.03	0.22	0.00	0.21
127	379310	3783255	1.68	1.06	0.04	0.00	0.01	0.99	0.01	0.01	0.31	0.03	0.28	0.00	0.31
128	379360	3783255	2.49	1.60	0.05	0.00	0.01	1.51	0.01	0.02	0.40	0.04	0.35	0.01	0.49
129	379410	3783255	3.94	2.62	0.08	0.00	0.02	2.48	0.02	0.02	0.50	0.05	0.44	0.01	0.82
130	379460	3783255	7.49	5.29	0.16	0.01	0.04	5.03	0.03	0.03	0.64	0.07	0.57	0.01	1.56
131	379510	3783255	18.29	14.84	0.42	0.01	0.09	14.18	0.08	0.05	0.84	0.09	0.74	0.01	2.61
132	379560	3783255	35.12	31.58	0.83	0.06	0.24	29.93	0.45	0.07	1.04	0.11	0.92	0.01	2.50

MUIR School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

			132 Receptor			132 Receptor					188 Receptor			165 Receptor	
133	379610	3783255	4.97	3.25	0.12	0.02	0.03	2.96	0.04	0.07	1.23	0.14	1.07	0.02	0.49
134	378360	3783305	3.80	2.35	0.09	0.02	0.03	2.14	0.03	0.06	1.08	0.13	0.93	0.02	0.37
135	378410	3783305	2.97	1.76	0.07	0.01	0.02	1.60	0.02	0.04	0.92	0.11	0.79	0.02	0.29
136	378460	3783305	2.37	1.36	0.05	0.01	0.01	1.24	0.01	0.03	0.77	0.09	0.66	0.01	0.23
137	378510	3783305	1.91	1.07	0.04	0.01	0.01	0.98	0.01	0.03	0.65	0.08	0.56	0.01	0.19
138	379260	3783305	1.57	0.87	0.03	0.00	0.01	0.79	0.01	0.02	0.55	0.07	0.47	0.01	0.16
139	379310	3783305	1.31	0.72	0.03	0.00	0.01	0.65	0.01	0.02	0.46	0.06	0.40	0.01	0.13
140	379360	3783305	1.28	0.78	0.03	0.00	0.01	0.72	0.01	0.01	0.28	0.03	0.24	0.00	0.23
141	379410	3783305	1.82	1.11	0.04	0.00	0.01	1.04	0.01	0.01	0.36	0.04	0.31	0.01	0.35
142	379460	3783305	2.80	1.73	0.06	0.00	0.01	1.63	0.01	0.02	0.47	0.05	0.41	0.01	0.60
143	379510	3783305	4.90	3.04	0.10	0.00	0.02	2.87	0.02	0.03	0.63	0.07	0.55	0.01	1.24
144	379560	3783305	12.25	7.15	0.22	0.01	0.05	6.81	0.03	0.04	0.88	0.09	0.77	0.01	4.22
145	379610	3783305	5.99	3.64	0.14	0.03	0.04	3.28	0.04	0.10	1.80	0.21	1.56	0.03	0.54
146	379660	3783305	4.35	2.52	0.10	0.02	0.03	2.27	0.03	0.07	1.43	0.17	1.23	0.02	0.40
147	378360	3783355	3.31	1.85	0.07	0.01	0.02	1.68	0.02	0.05	1.14	0.14	0.98	0.02	0.31
148	378410	3783355	2.57	1.41	0.06	0.01	0.02	1.28	0.01	0.04	0.91	0.11	0.78	0.02	0.24
149	378460	3783355	2.04	1.11	0.04	0.01	0.01	1.00	0.01	0.03	0.74	0.09	0.63	0.01	0.20
150	379260	3783355	1.65	0.89	0.03	0.01	0.01	0.81	0.01	0.02	0.60	0.08	0.51	0.01	0.16
151	379310	3783355	1.40	0.73	0.03	0.00	0.01	0.67	0.01	0.02	0.53	0.07	0.45	0.01	0.14
152	379360	3783355	2.83	1.67	0.06	0.00	0.01	1.56	0.01	0.02	0.54	0.06	0.47	0.01	0.63
153	379410	3783355	4.95	2.85	0.10	0.00	0.02	2.68	0.01	0.03	0.77	0.08	0.68	0.01	1.34
154	379460	3783355	10.75	5.60	0.18	0.01	0.04	5.29	0.02	0.05	1.13	0.12	1.00	0.01	4.02
155	379510	3783355	4.84	2.58	0.10	0.02	0.03	2.32	0.02	0.09	1.84	0.23	1.57	0.03	0.41
156	379560	3783355	3.56	1.89	0.08	0.01	0.02	1.70	0.02	0.06	1.36	0.17	1.16	0.03	0.32
157	379610	3783355	2.71	1.43	0.06	0.01	0.02	1.29	0.01	0.04	1.03	0.13	0.88	0.02	0.25
158	379660	3783355	2.11	1.12	0.04	0.01	0.01	1.01	0.01	0.03	0.80	0.10	0.68	0.02	0.20
159	379710	3783355	1.70	0.90	0.04	0.01	0.01	0.82	0.01	0.02	0.64	0.08	0.54	0.01	0.16
160	378360	3783405	1.42	0.74	0.03	0.00	0.01	0.68	0.01	0.02	0.54	0.07	0.46	0.01	0.14
161	378410	3783405	1.77	1.01	0.04	0.00	0.01	0.94	0.01	0.01	0.42	0.05	0.37	0.01	0.34
162	379210	3783405	2.59	1.45	0.05	0.00	0.01	1.36	0.01	0.02	0.59	0.06	0.52	0.01	0.55
163	379260	3783405	4.20	2.28	0.08	0.00	0.02	2.13	0.01	0.03	0.88	0.09	0.78	0.01	1.04
164	379310	3783405	7.51	3.78	0.14	0.01	0.03	3.54	0.02	0.05	1.42	0.14	1.26	0.02	2.31
165	379360	3783405	16.00	6.79	0.27	0.01	0.06	6.32	0.02	0.11	2.70	0.26	2.42	0.03	6.51
166	379410	3783405	5.07	2.49	0.10	0.02	0.03	2.23	0.02	0.09	2.16	0.29	1.82	0.05	0.42
167	379460	3783405	3.67	1.85	0.08	0.01	0.02	1.67	0.02	0.06	1.50	0.20	1.27	0.03	0.32
168	379510	3783405	2.77	1.42	0.06	0.01	0.02	1.28	0.01	0.04	1.10	0.14	0.93	0.02	0.25
169	379560	3783405	2.16	1.12	0.04	0.01	0.01	1.02	0.01	0.03	0.84	0.11	0.71	0.02	0.20
170	379610	3783405	1.75	0.92	0.04	0.01	0.01	0.83	0.01	0.02	0.67	0.09	0.57	0.01	0.17
171	379660	3783405	1.43	0.75	0.03	0.00	0.01	0.68	0.01	0.02	0.54	0.07	0.46	0.01	0.14
172	379710	3783405	1.61	0.88	0.03	0.00	0.01	0.82	0.01	0.01	0.43	0.05	0.38	0.01	0.29
173	379160	3783455	2.26	1.21	0.05	0.00	0.01	1.13	0.01	0.02	0.61	0.06	0.54	0.01	0.44
174	379210	3783455	3.37	1.73	0.07	0.00	0.02	1.61	0.01	0.03	0.92	0.10	0.82	0.01	0.71
175	379260	3783455	5.26	2.51	0.10	0.00	0.02	2.33	0.01	0.05	1.56	0.16	1.38	0.02	1.19
176	379310	3783455	8.68	3.65	0.16	0.01	0.03	3.36	0.02	0.08	3.12	0.29	2.80	0.03	1.90
177	379360	3783455	11.35	3.90	0.19	0.03	0.06	3.39	0.02	0.22	6.73	1.08	5.46	0.19	0.72
178	379410	3783455	7.16	2.93	0.13	0.02	0.04	2.59	0.02	0.13	3.69	0.54	3.06	0.09	0.53

MUIR School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

			132 Receptor			132 Receptor					188 Receptor			165 Receptor	
179	379460	3783455	4.94	2.23	0.10	0.01	0.03	1.99	0.02	0.09	2.31	0.32	1.93	0.05	0.40
180	379510	3783455	3.61	1.73	0.07	0.01	0.02	1.55	0.01	0.06	1.57	0.21	1.33	0.03	0.31
181	379560	3783455	2.75	1.36	0.06	0.01	0.02	1.23	0.01	0.04	1.14	0.15	0.96	0.02	0.25
182	379610	3783455	2.17	1.11	0.04	0.01	0.01	1.01	0.01	0.03	0.86	0.11	0.73	0.02	0.20
183	379660	3783455	1.76	0.91	0.04	0.01	0.01	0.83	0.01	0.03	0.68	0.09	0.58	0.01	0.17
184	379110	3783505	1.43	0.75	0.03	0.00	0.01	0.69	0.01	0.02	0.54	0.07	0.46	0.01	0.14
185	379160	3783505	3.83	1.72	0.07	0.00	0.02	1.58	0.01	0.04	1.44	0.15	1.27	0.02	0.67
186	379210	3783505	5.90	2.27	0.10	0.01	0.02	2.08	0.01	0.06	2.72	0.27	2.42	0.03	0.91
187	379260	3783505	10.18	2.86	0.14	0.01	0.03	2.59	0.01	0.09	6.25	0.58	5.59	0.08	1.06
188	379310	3783505	25.19	3.42	0.19	0.01	0.05	2.99	0.02	0.16	20.86	4.05	15.85	0.96	0.91
189	379360	3783505	15.11	3.15	0.17	0.02	0.04	2.75	0.02	0.16	11.22	2.16	8.60	0.46	0.74
190	379410	3783505	9.23	2.72	0.13	0.02	0.04	2.39	0.02	0.13	5.92	0.99	4.75	0.19	0.58
191	379460	3783505	6.22	2.26	0.10	0.01	0.03	2.00	0.01	0.10	3.50	0.53	2.88	0.09	0.46
192	379510	3783505	4.49	1.86	0.08	0.01	0.02	1.66	0.01	0.07	2.27	0.32	1.89	0.05	0.37
193	379560	3783505	3.38	1.52	0.06	0.01	0.02	1.36	0.01	0.05	1.57	0.22	1.32	0.04	0.29
194	379060	3783555	2.63	1.25	0.05	0.01	0.01	1.12	0.01	0.04	1.15	0.15	0.97	0.02	0.24
195	379110	3783555	2.12	1.05	0.04	0.01	0.01	0.95	0.01	0.03	0.87	0.11	0.74	0.02	0.20
196	379160	3783555	1.73	0.88	0.04	0.00	0.01	0.80	0.01	0.02	0.68	0.09	0.58	0.01	0.17
197	379210	3783555	1.42	0.74	0.03	0.00	0.01	0.67	0.01	0.02	0.55	0.07	0.46	0.01	0.14
198	379260	3783555	2.10	0.99	0.04	0.00	0.01	0.92	0.01	0.02	0.78	0.08	0.68	0.01	0.33
199	379310	3783555	2.82	1.23	0.05	0.00	0.01	1.13	0.01	0.03	1.16	0.12	1.02	0.02	0.42
200	379360	3783555	3.91	1.52	0.06	0.00	0.02	1.38	0.01	0.04	1.87	0.20	1.64	0.03	0.53
201	379410	3783555	5.46	1.79	0.08	0.01	0.02	1.63	0.01	0.05	3.07	0.33	2.69	0.05	0.59
202	379460	3783555	7.65	2.02	0.10	0.01	0.02	1.82	0.01	0.07	5.02	0.60	4.31	0.10	0.61
203	379510	3783555	8.81	2.09	0.10	0.01	0.03	1.86	0.01	0.08	6.15	0.87	5.11	0.17	0.57
204	378660	3783605	8.02	2.04	0.10	0.01	0.03	1.81	0.01	0.08	5.47	0.84	4.46	0.17	0.51
205	378710	3783605	6.33	1.89	0.09	0.01	0.02	1.67	0.01	0.08	4.01	0.61	3.28	0.12	0.44
206	379010	3783605	4.88	1.68	0.08	0.01	0.02	1.50	0.01	0.07	2.83	0.42	2.34	0.07	0.37
207	379060	3783605	3.80	1.47	0.07	0.01	0.02	1.31	0.01	0.05	2.01	0.28	1.68	0.05	0.31
208	379110	3783605	3.00	1.27	0.05	0.01	0.01	1.14	0.01	0.04	1.47	0.20	1.24	0.03	0.26
209	379160	3783605	2.43	1.09	0.05	0.01	0.01	0.99	0.01	0.04	1.11	0.15	0.94	0.02	0.22
210	379210	3783605	2.00	0.94	0.04	0.00	0.01	0.85	0.01	0.03	0.87	0.11	0.74	0.02	0.19
211	379260	3783605	1.66	0.81	0.03	0.00	0.01	0.74	0.01	0.02	0.69	0.09	0.58	0.01	0.16
212	379310	3783605	1.39	0.70	0.03	0.00	0.01	0.63	0.01	0.02	0.55	0.07	0.47	0.01	0.14
213	379360	3783605	1.66	0.77	0.03	0.00	0.01	0.71	0.00	0.02	0.65	0.07	0.56	0.01	0.24
214	379410	3783605	2.11	0.92	0.04	0.00	0.01	0.84	0.01	0.02	0.90	0.10	0.78	0.01	0.29
215	379460	3783605	2.65	1.07	0.05	0.00	0.01	0.98	0.01	0.03	1.24	0.14	1.08	0.02	0.34
216	378460	3783655	3.37	1.24	0.05	0.00	0.01	1.13	0.01	0.03	1.75	0.20	1.52	0.03	0.38
217	378510	3783655	4.11	1.36	0.06	0.00	0.01	1.23	0.01	0.04	2.36	0.28	2.03	0.05	0.39
218	378560	3783655	4.59	1.42	0.07	0.01	0.02	1.28	0.01	0.05	2.79	0.36	2.36	0.06	0.38
219	378610	3783655	4.51	1.40	0.06	0.01	0.02	1.25	0.01	0.05	2.76	0.38	2.31	0.07	0.36
220	378660	3783655	4.12	1.34	0.06	0.01	0.02	1.20	0.01	0.05	2.45	0.35	2.04	0.06	0.33
221	378710	3783655	3.56	1.25	0.06	0.01	0.01	1.12	0.01	0.04	2.02	0.28	1.69	0.05	0.29
222	378760	3783655	3.01	1.14	0.05	0.01	0.01	1.02	0.01	0.04	1.61	0.22	1.35	0.04	0.26
223	378960	3783655	2.52	1.02	0.04	0.00	0.01	0.92	0.01	0.03	1.27	0.17	1.07	0.03	0.23
224	379010	3783655	2.11	0.91	0.04	0.00	0.01	0.82	0.01	0.03	1.01	0.13	0.85	0.02	0.20

MUIR School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

			132 Receptor			132 Receptor					188 Receptor			165 Receptor	
225	379060	3783655	1.80	0.81	0.03	0.00	0.01	0.74	0.01	0.03	0.82	0.11	0.69	0.02	0.17
226	379110	3783655	1.52	0.72	0.03	0.00	0.01	0.65	0.01	0.02	0.66	0.09	0.56	0.01	0.15
227	379160	3783655	1.31	0.64	0.03	0.00	0.01	0.58	0.00	0.02	0.54	0.07	0.46	0.01	0.13
228	379210	3783655	1.59	0.71	0.03	0.00	0.01	0.65	0.00	0.02	0.67	0.08	0.58	0.01	0.21
229	379260	3783655	1.92	0.81	0.03	0.00	0.01	0.74	0.00	0.02	0.87	0.10	0.76	0.02	0.24
230	379310	3783655	2.28	0.91	0.04	0.00	0.01	0.83	0.01	0.02	1.11	0.13	0.96	0.02	0.26
231	379360	3783655	2.64	0.99	0.04	0.00	0.01	0.90	0.01	0.03	1.38	0.17	1.18	0.03	0.27
232	379410	3783655	2.86	1.02	0.05	0.00	0.01	0.93	0.01	0.03	1.57	0.20	1.34	0.03	0.27
233	378310	3783705	2.90	1.02	0.05	0.00	0.01	0.92	0.01	0.03	1.62	0.21	1.37	0.04	0.26
234	378360	3783705	2.78	0.99	0.04	0.00	0.01	0.90	0.01	0.03	1.54	0.21	1.30	0.04	0.25
235	378410	3783705	2.55	0.94	0.04	0.00	0.01	0.85	0.01	0.03	1.38	0.19	1.16	0.03	0.23
236	378460	3783705	2.30	0.89	0.04	0.00	0.01	0.80	0.01	0.03	1.20	0.16	1.02	0.03	0.21
237	378510	3783705	2.03	0.82	0.04	0.00	0.01	0.74	0.01	0.03	1.02	0.14	0.86	0.02	0.19
238	378560	3783705	1.76	0.73	0.03	0.00	0.01	0.66	0.00	0.02	0.86	0.11	0.73	0.02	0.17
239	378610	3783705	1.55	0.68	0.03	0.00	0.01	0.61	0.00	0.02	0.72	0.09	0.61	0.02	0.15
240	378660	3783705	1.36	0.62	0.03	0.00	0.01	0.56	0.00	0.02	0.61	0.08	0.52	0.01	0.14
241	378710	3783705	1.20	0.56	0.02	0.00	0.01	0.51	0.00	0.02	0.51	0.07	0.44	0.01	0.12
242	378760	3783705	0.90	0.43	0.02	0.00	0.00	0.40	0.00	0.01	0.34	0.04	0.30	0.01	0.12
243	378810	3783705	1.06	0.50	0.02	0.00	0.00	0.46	0.00	0.01	0.42	0.05	0.37	0.01	0.14
244	378860	3783705	1.24	0.56	0.02	0.00	0.01	0.51	0.00	0.01	0.52	0.06	0.45	0.01	0.16
245	378910	3783705	1.45	0.63	0.03	0.00	0.01	0.58	0.00	0.02	0.64	0.07	0.55	0.01	0.18
246	378960	3783705	1.66	0.70	0.03	0.00	0.01	0.64	0.00	0.02	0.77	0.09	0.66	0.01	0.20
247	379010	3783705	1.85	0.75	0.03	0.00	0.01	0.68	0.00	0.02	0.90	0.11	0.78	0.02	0.20
248	379060	3783705	1.99	0.78	0.03	0.00	0.01	0.71	0.00	0.02	1.01	0.13	0.87	0.02	0.20
249	379110	3783705	2.02	0.78	0.03	0.00	0.01	0.71	0.00	0.02	1.05	0.13	0.89	0.02	0.20
250	379160	3783705	1.98	0.76	0.03	0.00	0.01	0.69	0.00	0.02	1.02	0.13	0.87	0.02	0.19
251	379210	3783705	1.88	0.74	0.03	0.00	0.01	0.67	0.00	0.02	0.97	0.13	0.82	0.02	0.18
252	379260	3783705	1.68	0.66	0.03	0.00	0.01	0.60	0.00	0.02	0.86	0.11	0.73	0.02	0.16
253	379310	3783705	1.55	0.63	0.03	0.00	0.01	0.57	0.00	0.02	0.77	0.10	0.66	0.02	0.15
254	379360	3783705	1.42	0.59	0.03	0.00	0.01	0.53	0.00	0.02	0.69	0.09	0.58	0.01	0.14
255	378360	3783755	1.29	0.56	0.02	0.00	0.01	0.50	0.00	0.02	0.61	0.08	0.52	0.01	0.13
256	378410	3783755	1.17	0.52	0.02	0.00	0.01	0.47	0.00	0.02	0.53	0.07	0.45	0.01	0.12
257	378460	3783755	1.06	0.49	0.02	0.00	0.01	0.44	0.00	0.01	0.47	0.06	0.40	0.01	0.11
258	378510	3783755	0.76	0.37	0.01	0.00	0.00	0.34	0.00	0.01	0.29	0.03	0.25	0.00	0.10
259	378560	3783755	0.87	0.41	0.02	0.00	0.00	0.38	0.00	0.01	0.34	0.04	0.30	0.01	0.11
260	378610	3783755	1.14	0.51	0.02	0.00	0.01	0.47	0.00	0.01	0.49	0.06	0.42	0.01	0.14
261	378660	3783755	1.27	0.55	0.02	0.00	0.01	0.50	0.00	0.01	0.56	0.07	0.49	0.01	0.15
262	378710	3783755	1.39	0.59	0.02	0.00	0.01	0.54	0.00	0.02	0.64	0.08	0.56	0.01	0.16
263	378760	3783755	1.46	0.61	0.03	0.00	0.01	0.55	0.00	0.02	0.70	0.09	0.60	0.01	0.15
264	378810	3783755	1.50	0.62	0.03	0.00	0.01	0.56	0.00	0.02	0.73	0.09	0.63	0.02	0.15
265	378860	3783755	1.44	0.57	0.02	0.00	0.01	0.52	0.00	0.02	0.72	0.09	0.61	0.02	0.14
266	378910	3783755	1.41	0.57	0.02	0.00	0.01	0.52	0.00	0.02	0.70	0.09	0.60	0.01	0.14
267	378960	3783755	1.37	0.57	0.02	0.00	0.01	0.52	0.00	0.02	0.66	0.09	0.56	0.01	0.14
268	379010	3783755	1.21	0.50	0.02	0.00	0.01	0.46	0.00	0.01	0.59	0.08	0.50	0.01	0.12
269	379060	3783755	1.13	0.48	0.02	0.00	0.01	0.43	0.00	0.01	0.54	0.07	0.46	0.01	0.11
270	379110	3783755	1.06	0.46	0.02	0.00	0.00	0.41	0.00	0.01	0.50	0.06	0.42	0.01	0.11

MUIR School Project

Unmitigated Residential - Residential Construction Cancer Risk Summary

			132	Receptor		132	Receptor				188	Receptor		165	Receptor	
271	379160	3783755	0.99	0.44	0.02	0.00	0.00	0.40	0.00	0.01	0.45	0.06	0.39	0.01	0.10	
272	379210	3783755	0.92	0.41	0.02	0.00	0.00	0.38	0.00	0.01	0.41	0.05	0.35	0.01	0.09	
273	379260	3783755	1.00	0.45	0.02	0.00	0.00	0.41	0.00	0.01	0.43	0.05	0.37	0.01	0.12	
274	379310	3783755	1.08	0.48	0.02	0.00	0.00	0.43	0.00	0.01	0.48	0.06	0.41	0.01	0.12	
275	378410	3783805	1.14	0.49	0.02	0.00	0.01	0.45	0.00	0.01	0.52	0.06	0.45	0.01	0.12	
276	378460	3783805	1.16	0.50	0.02	0.00	0.01	0.45	0.00	0.01	0.54	0.07	0.46	0.01	0.12	
277	378510	3783805	1.12	0.47	0.02	0.00	0.00	0.43	0.00	0.01	0.54	0.07	0.46	0.01	0.11	
278	378560	3783805	1.11	0.47	0.02	0.00	0.00	0.43	0.00	0.01	0.53	0.07	0.45	0.01	0.11	
279	378610	3783805	1.09	0.47	0.02	0.00	0.01	0.43	0.00	0.01	0.51	0.07	0.44	0.01	0.11	
280	378660	3783805	0.95	0.41	0.02	0.00	0.00	0.37	0.00	0.01	0.44	0.06	0.38	0.01	0.10	
281	378710	3783805	0.91	0.39	0.02	0.00	0.00	0.36	0.00	0.01	0.42	0.05	0.36	0.01	0.09	
282	378760	3783805	0.87	0.38	0.02	0.00	0.00	0.34	0.00	0.01	0.40	0.05	0.34	0.01	0.09	
283	378810	3783805	0.80	0.35	0.01	0.00	0.00	0.32	0.00	0.01	0.36	0.05	0.31	0.01	0.08	
284	378860	3783805	0.77	0.35	0.01	0.00	0.00	0.32	0.00	0.01	0.34	0.04	0.29	0.01	0.08	

MUIR School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

188	Receptor
0.29	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
1	1.56E-01	0.032644	0.004795	0.022416	0.035208	0.001869	0.003437	0.003974	0.003547	0.001383	0.046403
2	2.28E-01	0.04779	0.005615	0.032357	0.053508	0.002283	0.004017	0.004277	0.003817	0.001465	0.072941
3	1.71E-01	0.032198	0.004913	0.022185	0.033613	0.001801	0.004048	0.004554	0.004108	0.001551	0.061974
4	1.70E-01	0.031523	0.00504	0.021771	0.03119	0.001718	0.004841	0.005333	0.004872	0.001768	0.061691
5	1.71E-01	0.030983	0.005118	0.021435	0.029254	0.00165	0.005456	0.006048	0.005587	0.001962	0.063974
6	1.78E-01	0.030703	0.0052	0.021267	0.027484	0.001581	0.006192	0.006787	0.006331	0.002155	0.070232
7	1.58E-01	0.029723	0.005205	0.020647	0.025324	0.001501	0.006698	0.007578	0.00715	0.002361	0.051574
8	1.61E-01	0.029412	0.005296	0.020485	0.023271	0.001418	0.00765	0.008818	0.008442	0.002669	0.05385
9	2.27E-01	0.046711	0.005815	0.031774	0.05059	0.002232	0.004823	0.00491	0.004423	0.00164	0.07434
10	2.29E-01	0.043829	0.005949	0.029876	0.044314	0.002096	0.005982	0.005825	0.005314	0.001884	0.08428
11	2.10E-01	0.042199	0.006077	0.028822	0.03902	0.001944	0.007476	0.007024	0.006496	0.002187	0.069157
12	2.04E-01	0.042232	0.006257	0.028871	0.035421	0.001822	0.009295	0.008533	0.008003	0.002544	0.061145
13	2.02E-01	0.042779	0.006456	0.029283	0.032431	0.001721	0.01129	0.010363	0.009854	0.002949	0.054736
14	1.62E-01	0.029684	0.0054	0.020702	0.022513	0.00139	0.008269	0.009842	0.009524	0.002913	0.051734
15	2.70E-01	0.058902	0.007627	0.039778	0.040085	0.001928	0.017335	0.012792	0.012104	0.003383	0.075931
16	3.77E-01	0.105091	0.010192	0.069774	0.070934	0.002531	0.036507	0.014626	0.013456	0.003639	0.050594
17	3.50E-01	0.10727	0.010924	0.057928	0.039257	0.001965	0.043549	0.028855	0.026105	0.00551	0.028252
18	3.34E-01	0.072131	0.011088	0.048949	0.024389	0.001558	0.034834	0.055966	0.059489	0.008813	0.017039
19	2.15E-01	0.040528	0.007518	0.028518	0.018539	0.001276	0.01843	0.035991	0.039083	0.007297	0.017373
20	2.37E-01	0.030534	0.007109	0.022015	0.014166	0.001095	0.01447	0.052977	0.071847	0.01102	0.011542
21	3.12E-01	0.026111	0.007369	0.01938	0.012011	0.001006	0.013204	0.080964	0.122336	0.020812	0.008515
22	3.30E-01	0.02135	0.00686	0.016218	0.010353	0.000917	0.01096	0.091412	0.13286	0.032075	0.007015
23	1.47E-01	0.014658	0.004785	0.011127	0.008305	0.00076	0.006735	0.036023	0.044801	0.013707	0.006209
24	1.49E-01	0.01674	0.005032	0.012531	0.009374	0.000822	0.007543	0.033924	0.044483	0.011191	0.007461
25	1.42E-01	0.019828	0.005266	0.014557	0.011122	0.000914	0.008572	0.028176	0.035174	0.008109	0.009939
26	1.40E-01	0.024362	0.005557	0.017518	0.013922	0.001045	0.009945	0.021965	0.024598	0.005868	0.01484
27	1.40E-01	0.026852	0.005569	0.019067	0.016467	0.001153	0.010036	0.016818	0.017598	0.004556	0.021738
28	1.45E-01	0.028101	0.005487	0.019793	0.018752	0.001243	0.009468	0.013169	0.013229	0.003704	0.032033
29	4.88E-01	0.049506	0.024253	0.041958	0.017217	0.001448	0.038399	0.144685	0.133308	0.029498	0.00806
30	5.47E-01	0.047688	0.017746	0.037523	0.016404	0.001352	0.031698	0.155341	0.2001	0.030372	0.008422
31	4.89E-01	0.025941	0.012	0.021617	0.011366	0.001063	0.01699	0.167391	0.151843	0.074426	0.005995
32	4.66E-01	0.027002	0.014828	0.0238	0.011856	0.001132	0.019623	0.167695	0.109341	0.084569	0.005795
33	4.39E-01	0.118642	0.009197	0.077379	0.136756	0.004011	0.007312	0.005792	0.005183	0.001861	0.072583
34	3.82E-01	0.102409	0.009307	0.0678	0.08795	0.002959	0.016748	0.009478	0.008676	0.002698	0.074279
35	3.18E-01	0.075356	0.00895	0.05654	0.096251	0.004513	0.004695	0.004373	0.003854	0.001487	0.061712
36	3.08E-01	0.084297	0.008258	0.055029	0.093328	0.004225	0.003968	0.003939	0.003455	0.001365	0.049843
37	4.25E-01	0.13052	0.026568	0.087221	0.128615	0.01879	0.004641	0.004136	0.003576	0.001432	0.01991
38	5.16E-01	0.155965	0.020544	0.113307	0.162266	0.009721	0.013375	0.007395	0.006521	0.002285	0.024725
39	4.99E-01	0.150827	0.019443	0.101341	0.134179	0.004613	0.035683	0.014115	0.012583	0.003666	0.023019
40	4.34E-01	0.126006	0.013424	0.091553	0.102995	0.003539	0.0312	0.013528	0.012214	0.003471	0.036358
41	4.41E-01	0.121468	0.013253	0.08227	0.149289	0.005857	0.0116	0.007046	0.006282	0.002173	0.041767
42	4.80E-01	0.146147	0.014051	0.095587	0.163978	0.008154	0.005688	0.004756	0.004171	0.001596	0.035607
43	3.19E-03	0.000598	0.000338	0.000499	0.000532	9.16E-05	0.000173	0.00032	0.000253	0.00014	0.000247
44	3.64E-03	0.000687	0.000387	0.000573	0.000615	0.000107	0.000194	0.000355	0.000281	0.000154	0.000284

MUIR School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

188	Receptor
0.29	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
45	4.16E-03	0.000793	0.000445	0.000662	0.000715	0.000126	0.000219	0.000393	0.000312	0.00017	0.000326
46	4.79E-03	0.00092	0.000517	0.00077	0.000838	0.00015	0.000248	0.000437	0.000347	0.000188	0.000376
47	5.52E-03	0.001067	0.000604	0.000896	0.000982	0.00018	0.000281	0.000484	0.000385	0.000207	0.000431
48	6.34E-03	0.001233	0.000709	0.001041	0.001144	0.000217	0.000317	0.000534	0.000425	0.000228	0.000489
49	7.24E-03	0.001413	0.000833	0.001203	0.001323	0.000262	0.000356	0.000586	0.000467	0.000249	0.000548
50	8.17E-03	0.001594	0.000973	0.001372	0.001502	0.000313	0.000397	0.000638	0.000508	0.00027	0.000602
51	9.09E-03	0.001768	0.001125	0.001538	0.001673	0.000366	0.000437	0.00069	0.000548	0.000291	0.000651
52	9.94E-03	0.001924	0.001278	0.001692	0.001826	0.000417	0.000475	0.000738	0.000585	0.000311	0.000693
53	1.07E-02	0.002056	0.001422	0.001825	0.001953	0.000462	0.00051	0.000783	0.00062	0.00033	0.000724
54	1.12E-02	0.002147	0.001543	0.00192	0.002034	0.000494	0.00054	0.000823	0.00065	0.000347	0.000739
55	1.12E-02	0.002083	0.001661	0.00188	0.001915	0.000471	0.000585	0.000895	0.000701	0.000381	0.000676
56	1.09E-02	0.001984	0.001624	0.001791	0.001799	0.000435	0.000583	0.000906	0.000705	0.000388	0.000636
57	1.02E-02	0.001851	0.00154	0.001669	0.001655	0.000392	0.000568	0.0009	0.000696	0.000389	0.000588
58	9.55E-03	0.001705	0.001432	0.001535	0.001504	0.000347	0.000545	0.000882	0.000677	0.000384	0.000539
59	8.81E-03	0.001556	0.001312	0.001398	0.001356	0.000305	0.000515	0.000853	0.000651	0.000375	0.000491
60	8.08E-03	0.001412	0.00119	0.001266	0.001216	0.000267	0.000482	0.000817	0.000619	0.000362	0.000445
61	4.00E-03	0.00076	0.000417	0.000631	0.000682	0.000116	0.000212	0.000388	0.000308	0.000168	0.000321
62	4.69E-03	0.000899	0.000489	0.000746	0.000814	0.00014	0.000244	0.000437	0.000348	0.000189	0.00038
63	5.51E-03	0.001067	0.000578	0.000886	0.000977	0.000171	0.000281	0.000492	0.000393	0.000211	0.00045
64	6.50E-03	0.001274	0.00069	0.001061	0.001181	0.000211	0.000324	0.000553	0.000443	0.000235	0.000531
65	7.70E-03	0.00152	0.000833	0.001274	0.001429	0.000265	0.000372	0.000621	0.000498	0.000263	0.000621
66	9.09E-03	0.001807	0.001014	0.001529	0.001719	0.000336	0.000428	0.000694	0.000556	0.000292	0.000717
67	1.06E-02	0.002117	0.001238	0.001815	0.002032	0.000424	0.000492	0.000768	0.000616	0.000321	0.00081
68	1.22E-02	0.002417	0.001495	0.002108	0.002336	0.000525	0.000553	0.000843	0.000675	0.000351	0.000892
69	1.37E-02	0.002683	0.001767	0.00238	0.002603	0.000625	0.000613	0.000913	0.00073	0.00038	0.000958
70	1.49E-02	0.002895	0.002027	0.002606	0.002811	0.000713	0.000666	0.000979	0.00078	0.000407	0.001002
71	1.57E-02	0.003017	0.002237	0.002745	0.002912	0.000766	0.000714	0.001036	0.000824	0.00043	0.001011
72	1.28E-02	0.00229	0.002008	0.002079	0.002037	0.000492	0.000719	0.001116	0.000862	0.000481	0.000708
73	1.16E-02	0.002051	0.001804	0.001856	0.001795	0.000418	0.000675	0.001079	0.000826	0.00047	0.000633
74	1.05E-02	0.001827	0.001602	0.001649	0.001575	0.000355	0.000625	0.001029	0.000782	0.000453	0.000563
75	9.39E-03	0.001622	0.001413	0.00146	0.001381	0.000302	0.000573	0.000971	0.000733	0.000432	0.000501
76	3.96E-03	0.000751	0.000406	0.000621	0.000671	0.000112	0.000211	0.000388	0.000308	0.000168	0.000322
77	4.88E-03	0.000938	0.000498	0.000774	0.000848	0.000142	0.000254	0.000457	0.000365	0.000197	0.000406
78	6.06E-03	0.001183	0.000618	0.000975	0.001085	0.000183	0.000308	0.000537	0.000431	0.000229	0.000515
79	7.70E-03	0.001527	0.000785	0.001259	0.001426	0.000245	0.000376	0.000636	0.000512	0.000269	0.000664
80	9.48E-03	0.001907	0.000979	0.001579	0.001812	0.000322	0.000446	0.000728	0.000588	0.000305	0.000815
81	1.17E-02	0.002379	0.001242	0.00199	0.002304	0.000434	0.000525	0.000831	0.000673	0.000345	0.000981
82	1.44E-02	0.002948	0.001606	0.002508	0.002896	0.000594	0.000623	0.000941	0.000762	0.000388	0.001154
83	1.74E-02	0.003527	0.002077	0.003082	0.003505	0.000807	0.000723	0.001054	0.000852	0.000431	0.001304
84	2.02E-02	0.004038	0.002624	0.003639	0.004036	0.001043	0.000823	0.001162	0.000937	0.000474	0.001417
85	2.24E-02	0.004393	0.003159	0.004064	0.004388	0.001242	0.00091	0.001262	0.001015	0.000514	0.001468
86	2.35E-02	0.004516	0.003559	0.004243	0.004461	0.001328	0.000988	0.001348	0.001081	0.00055	0.001447
87	1.60E-02	0.002816	0.002629	0.002574	0.002474	0.000602	0.000924	0.001407	0.001083	0.000605	0.000842
88	1.40E-02	0.002441	0.00226	0.002221	0.002104	0.000489	0.000843	0.001337	0.001019	0.000583	0.000732

MUIR School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

188	Receptor
0.29	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
89	1.23E-02	0.002114	0.001933	0.001917	0.001794	0.0004	0.00076	0.001251	0.000945	0.000553	0.000636
90	1.08E-02	0.00183	0.00165	0.001655	0.001534	0.000331	0.000678	0.001159	0.000869	0.000518	0.000554
91	9.44E-03	0.001587	0.001409	0.001432	0.001316	0.000277	0.000601	0.001064	0.000792	0.000481	0.000483
92	4.68E-03	0.000894	0.000467	0.000734	0.000801	0.00013	0.000247	0.000455	0.000364	0.000196	0.000396
93	5.73E-03	0.001108	0.000565	0.000907	0.001005	0.000163	0.000295	0.00053	0.000426	0.000227	0.000499
94	7.01E-03	0.001379	0.000687	0.001126	0.001269	0.000206	0.000351	0.000613	0.000495	0.00026	0.000628
95	9.07E-03	0.001818	0.000879	0.001481	0.001707	0.000279	0.000434	0.000731	0.000594	0.000306	0.000837
96	1.17E-02	0.002398	0.001134	0.001954	0.002302	0.000383	0.000532	0.000859	0.000701	0.000355	0.001095
97	1.53E-02	0.003197	0.001504	0.002623	0.003151	0.000553	0.000647	0.001005	0.000823	0.000412	0.001409
98	2.06E-02	0.004362	0.002108	0.003641	0.00441	0.000849	0.000806	0.001176	0.000964	0.000475	0.001782
99	2.70E-02	0.005682	0.003038	0.004946	0.005865	0.00135	0.00098	0.001355	0.00111	0.000542	0.002101
100	3.36E-02	0.00685	0.004352	0.006362	0.00714	0.002066	0.001159	0.001531	0.001251	0.000609	0.002301
101	3.82E-02	0.007419	0.005683	0.00731	0.007697	0.002673	0.001312	0.001688	0.001375	0.000672	0.00232
102	3.92E-02	0.00735	0.006584	0.007365	0.007449	0.002729	0.001462	0.001833	0.001486	0.000729	0.002178
103	2.75E-02	0.004897	0.005078	0.004592	0.004452	0.001247	0.001466	0.00198	0.001558	0.000819	0.001396
104	1.97E-02	0.003406	0.003411	0.003133	0.002929	0.000704	0.001198	0.001806	0.001382	0.000778	0.000982
105	1.67E-02	0.002845	0.002778	0.002605	0.002399	0.000548	0.001052	0.001671	0.001263	0.000733	0.000827
106	1.42E-02	0.002391	0.002277	0.002181	0.001986	0.000435	0.000915	0.001526	0.001142	0.00068	0.000702
107	1.21E-02	0.002016	0.001878	0.001833	0.001655	0.000351	0.00079	0.00138	0.001023	0.000623	0.000598
108	1.04E-02	0.001714	0.00156	0.001554	0.001396	0.000289	0.000682	0.001237	0.000911	0.000565	0.000513
109	6.25E-03	0.001211	0.000598	0.000984	0.001096	0.000172	0.000322	0.000582	0.00047	0.000249	0.000564
110	7.92E-03	0.001563	0.000744	0.001264	0.001438	0.000223	0.000394	0.000692	0.000563	0.000292	0.000748
111	1.05E-02	0.002127	0.000964	0.001709	0.002	0.000306	0.000497	0.00084	0.000688	0.00035	0.00105
112	1.44E-02	0.002979	0.00128	0.002379	0.002878	0.000437	0.000632	0.001016	0.000838	0.000416	0.001498
113	2.02E-02	0.00433	0.001769	0.003452	0.004329	0.000668	0.000803	0.001227	0.001017	0.000495	0.002149
114	3.10E-02	0.0069	0.002712	0.005531	0.007194	0.001174	0.001063	0.001499	0.001249	0.000592	0.00311
115	4.76E-02	0.010699	0.004592	0.009008	0.011603	0.002378	0.001379	0.001795	0.001496	0.000699	0.00395
116	6.96E-02	0.014439	0.008751	0.014211	0.015974	0.005453	0.001744	0.002107	0.001751	0.000811	0.004316
117	8.47E-02	0.015104	0.014344	0.018181	0.016456	0.009178	0.00209	0.002392	0.001978	0.000918	0.004051
118	7.65E-02	0.013124	0.015894	0.015098	0.013619	0.007149	0.002381	0.002647	0.002173	0.001015	0.00342
119	3.72E-02	0.006405	0.00765	0.006049	0.005649	0.00156	0.00213	0.002752	0.002159	0.001131	0.001718
120	2.96E-02	0.005027	0.005676	0.004695	0.004289	0.001073	0.001835	0.002574	0.001981	0.001089	0.001371
121	2.39E-02	0.00399	0.004278	0.003703	0.003326	0.000777	0.001544	0.002341	0.001772	0.001017	0.001107
122	1.95E-02	0.00322	0.003303	0.002974	0.00264	0.000588	0.001291	0.002095	0.001563	0.000931	0.000908
123	1.61E-02	0.002626	0.00259	0.002414	0.002128	0.000456	0.001076	0.001852	0.001367	0.000838	0.000753
124	1.34E-02	0.002165	0.002063	0.001982	0.001742	0.000363	0.000897	0.001625	0.001188	0.000746	0.00063
125	1.13E-02	0.001816	0.001677	0.00165	0.001446	0.000295	0.000759	0.001418	0.00103	0.000658	0.000533
126	8.72E-03	0.001719	0.000786	0.001377	0.001572	0.000232	0.000435	0.000774	0.000633	0.000325	0.000864
127	1.19E-02	0.002396	0.001025	0.001901	0.00224	0.00032	0.000561	0.000958	0.000791	0.000396	0.001274
128	1.70E-02	0.003542	0.001389	0.002773	0.003413	0.000467	0.00074	0.001199	0.001	0.000486	0.002015
129	2.60E-02	0.005601	0.001961	0.00432	0.005612	0.000731	0.000986	0.001499	0.001261	0.000595	0.003389
130	4.69E-02	0.010776	0.003136	0.008121	0.011385	0.001359	0.001399	0.001917	0.001626	0.00074	0.006421
131	1.10E-01	0.028182	0.006543	0.020843	0.032117	0.003625	0.002104	0.002497	0.002128	0.00093	0.010768
132	2.42E-01	0.055985	0.025213	0.053196	0.06779	0.020143	0.002961	0.003094	0.002631	0.00113	0.010318

MUIR School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

188	Receptor
0.29	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
133	4.89E-02	0.008	0.010983	0.007632	0.006701	0.001736	0.003145	0.003953	0.003074	0.001627	0.00201
134	3.67E-02	0.005938	0.007349	0.005629	0.004847	0.001159	0.002488	0.003535	0.002677	0.001517	0.001541
135	2.82E-02	0.004515	0.005139	0.004249	0.003629	0.000821	0.001947	0.003056	0.002267	0.001355	0.001207
136	2.22E-02	0.003518	0.003752	0.003288	0.002802	0.00061	0.001533	0.002608	0.001906	0.001184	0.000966
137	1.77E-02	0.002791	0.002824	0.002591	0.002211	0.000467	0.00122	0.002217	0.001602	0.001025	0.000784
138	1.44E-02	0.002266	0.002199	0.002089	0.001792	0.00037	0.000984	0.001875	0.001345	0.000878	0.00065
139	1.20E-02	0.001871	0.001755	0.001715	0.00148	0.0003	0.000806	0.001591	0.001136	0.000752	0.000547
140	9.27E-03	0.001814	0.000807	0.001444	0.001641	0.000232	0.000469	0.000852	0.000701	0.000358	0.000949
141	1.28E-02	0.002565	0.001055	0.002015	0.002365	0.000319	0.000617	0.00108	0.000899	0.000446	0.001455
142	1.89E-02	0.00389	0.001434	0.003002	0.003683	0.00046	0.000844	0.001397	0.001179	0.000563	0.002481
143	3.13E-02	0.006596	0.002058	0.004964	0.006501	0.000723	0.001198	0.001852	0.001587	0.000724	0.005106
144	7.04E-02	0.014778	0.003306	0.010624	0.015418	0.001315	0.001879	0.00255	0.002218	0.000953	0.017404
145	6.21E-02	0.009478	0.014417	0.009291	0.007433	0.001733	0.004611	0.005912	0.004481	0.002493	0.002237
146	4.32E-02	0.006608	0.00858	0.006389	0.00515	0.001154	0.003185	0.004807	0.00353	0.002131	0.001649
147	3.20E-02	0.004883	0.005747	0.004668	0.003799	0.000829	0.00232	0.00392	0.002817	0.001796	0.00127
148	2.44E-02	0.003712	0.004042	0.003507	0.002892	0.000617	0.001726	0.003167	0.002248	0.001482	0.001
149	1.91E-02	0.002907	0.002983	0.002719	0.002271	0.000475	0.001324	0.002567	0.001809	0.001219	0.000806
150	1.53E-02	0.002332	0.002285	0.002162	0.001827	0.000376	0.001041	0.002098	0.001474	0.001005	0.000663
151	1.28E-02	0.001937	0.001819	0.001785	0.001511	0.000306	0.000862	0.001847	0.001288	0.000898	0.000562
152	1.92E-02	0.00385	0.001402	0.002957	0.003538	0.000421	0.000905	0.00159	0.001355	0.000641	0.002588
153	3.19E-02	0.006449	0.001993	0.004825	0.006067	0.000629	0.00136	0.002226	0.00194	0.000864	0.005514
154	6.34E-02	0.012359	0.002987	0.00893	0.01199	0.000995	0.002231	0.003228	0.002876	0.001188	0.016578
155	4.89E-02	0.00701	0.009087	0.006907	0.005251	0.001082	0.003798	0.006494	0.004514	0.003041	0.001711
156	3.48E-02	0.005066	0.005921	0.004879	0.003852	0.000797	0.002567	0.00483	0.003321	0.002313	0.001301
157	2.59E-02	0.003813	0.004137	0.003616	0.002932	0.000606	0.00184	0.003672	0.002517	0.00178	0.001019
158	1.99E-02	0.002964	0.003035	0.002781	0.00229	0.000471	0.001387	0.002843	0.00195	0.001388	0.000815
159	1.58E-02	0.002383	0.002333	0.002214	0.001848	0.000376	0.001091	0.002256	0.001554	0.001103	0.000673
160	1.30E-02	0.001957	0.001845	0.001804	0.001533	0.000311	0.000868	0.001903	0.001314	0.000935	0.000566
161	1.26E-02	0.002421	0.000996	0.001896	0.002127	0.000271	0.000658	0.001273	0.001068	0.000532	0.001405
162	1.80E-02	0.003487	0.00131	0.002688	0.003074	0.000363	0.000915	0.001728	0.001478	0.000706	0.002278
163	2.82E-02	0.005487	0.001814	0.004139	0.004833	0.000507	0.001391	0.002527	0.002227	0.000993	0.004304
164	4.83E-02	0.009262	0.002607	0.006816	0.008009	0.000722	0.00233	0.003956	0.003612	0.001466	0.009536
165	9.83E-02	0.017879	0.004037	0.012776	0.014313	0.001052	0.004865	0.007214	0.006927	0.002377	0.026886
166	5.10E-02	0.006966	0.008233	0.006849	0.005045	0.000921	0.004011	0.008053	0.005229	0.004009	0.001719
167	3.59E-02	0.005056	0.005594	0.004848	0.003773	0.000719	0.002653	0.005546	0.00364	0.002772	0.001308
168	2.65E-02	0.003828	0.004012	0.003613	0.00291	0.000567	0.001887	0.004015	0.002671	0.002002	0.001028
169	2.04E-02	0.002993	0.003	0.002793	0.002305	0.000454	0.001411	0.003029	0.002039	0.001504	0.000828
170	1.62E-02	0.002423	0.002339	0.00224	0.001886	0.000372	0.001102	0.002388	0.001628	0.001177	0.000686
171	1.31E-02	0.001971	0.001846	0.001812	0.001548	0.000309	0.00087	0.001921	0.001312	0.000954	0.00057
172	1.17E-02	0.002174	0.000924	0.00171	0.001854	0.000236	0.000635	0.001303	0.00109	0.000554	0.00121
173	1.62E-02	0.00302	0.001194	0.002345	0.002555	0.000305	0.000878	0.001802	0.001539	0.000751	0.001826
174	2.38E-02	0.004417	0.001599	0.003378	0.00365	0.000398	0.001308	0.002661	0.002338	0.001076	0.002946
175	3.66E-02	0.00665	0.002188	0.005009	0.005274	0.000524	0.002053	0.004318	0.003967	0.001678	0.004902
176	6.03E-02	0.01054	0.003127	0.007826	0.007602	0.000681	0.00363	0.008115	0.008022	0.002922	0.007856

MUIR School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

188	Receptor
0.29	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
177	1.22E-01	0.012712	0.012521	0.01308	0.007666	0.001006	0.009624	0.030129	0.015663	0.016538	0.002968
178	7.35E-02	0.00889	0.009067	0.008829	0.005866	0.000868	0.005862	0.015107	0.00877	0.008052	0.002189
179	4.91E-02	0.006451	0.006563	0.006228	0.004512	0.00073	0.003789	0.008985	0.005534	0.004681	0.001656
180	3.51E-02	0.004843	0.004845	0.004587	0.003518	0.000607	0.002607	0.005947	0.003801	0.003046	0.001287
181	2.62E-02	0.003739	0.00366	0.003496	0.002789	0.000502	0.001885	0.004204	0.002755	0.002126	0.001022
182	2.04E-02	0.002995	0.002853	0.002768	0.002279	0.000418	0.001432	0.003127	0.002088	0.001564	0.000837
183	1.63E-02	0.002428	0.002265	0.002232	0.001877	0.000355	0.001113	0.002441	0.001653	0.001213	0.000693
184	1.31E-02	0.001983	0.001815	0.001814	0.001552	0.000298	0.00088	0.001922	0.001312	0.000952	0.000577
185	2.79E-02	0.004711	0.001784	0.003634	0.003588	0.000389	0.001623	0.004072	0.003643	0.001701	0.002772
186	4.30E-02	0.006631	0.002406	0.00509	0.004706	0.000481	0.002493	0.007385	0.006949	0.003071	0.003752
187	7.34E-02	0.009143	0.003301	0.007041	0.005862	0.000579	0.003876	0.016119	0.016041	0.00702	0.004375
188	2.91E-01	0.012516	0.006241	0.010476	0.006777	0.000723	0.007196	0.112429	0.045463	0.085149	0.003756
189	1.71E-01	0.011077	0.007093	0.009932	0.006238	0.000721	0.007016	0.060046	0.024653	0.040936	0.003046
190	9.60E-02	0.00896	0.00677	0.008349	0.005416	0.000684	0.005738	0.027514	0.013617	0.016501	0.002408
191	6.20E-02	0.00703	0.005832	0.006609	0.004541	0.000627	0.004304	0.014675	0.008253	0.008212	0.001896
192	4.37E-02	0.005516	0.004783	0.005162	0.003753	0.000558	0.00317	0.008986	0.005432	0.004812	0.001508
193	3.23E-02	0.004356	0.003864	0.004048	0.003085	0.000489	0.002351	0.00599	0.003788	0.003117	0.00121
194	2.48E-02	0.003489	0.00312	0.00322	0.002543	0.000424	0.001784	0.004262	0.002776	0.002176	0.000984
195	1.97E-02	0.002875	0.002548	0.002631	0.002148	0.000368	0.001396	0.003193	0.002125	0.001603	0.000824
196	1.59E-02	0.002367	0.002091	0.002157	0.001804	0.000321	0.001102	0.002468	0.001667	0.001229	0.00069
197	1.30E-02	0.001967	0.001727	0.001786	0.001521	0.000277	0.000886	0.001947	0.001332	0.000962	0.00058
198	1.58E-02	0.00266	0.001152	0.0021	0.002074	0.000251	0.000923	0.002322	0.001956	0.001023	0.001375
199	2.13E-02	0.003399	0.001437	0.002675	0.002559	0.000298	0.001238	0.003436	0.002934	0.001532	0.001753
200	2.97E-02	0.00436	0.00182	0.003431	0.003137	0.000352	0.001692	0.005487	0.004713	0.002524	0.002168
201	4.23E-02	0.005422	0.002291	0.00429	0.00369	0.000407	0.002275	0.009232	0.007703	0.004558	0.002441
202	6.30E-02	0.006456	0.002907	0.005195	0.00412	0.000461	0.002992	0.016669	0.012372	0.009318	0.002501
203	8.08E-02	0.006849	0.003531	0.005702	0.004215	0.000491	0.003507	0.024285	0.01465	0.015228	0.002353
204	7.79E-02	0.006667	0.00399	0.005762	0.004096	0.0005	0.003668	0.023468	0.012786	0.014872	0.002118
205	6.16E-02	0.006027	0.00404	0.005346	0.003793	0.000487	0.003404	0.017008	0.009401	0.010227	0.001828
206	4.68E-02	0.005203	0.003761	0.004681	0.003389	0.000457	0.002916	0.01155	0.006709	0.006586	0.001545
207	3.59E-02	0.004405	0.003366	0.003993	0.002976	0.000424	0.002407	0.007915	0.004821	0.004324	0.001295
208	2.81E-02	0.00369	0.002932	0.003351	0.002575	0.000387	0.001946	0.005613	0.003548	0.002971	0.001083
209	2.25E-02	0.003117	0.002491	0.00282	0.002233	0.000346	0.001579	0.004143	0.002692	0.002139	0.000921
210	1.83E-02	0.002632	0.002147	0.002377	0.001932	0.000311	0.001284	0.003165	0.002111	0.001605	0.000782
211	1.51E-02	0.002227	0.001839	0.002008	0.001668	0.000279	0.00105	0.002479	0.001673	0.001242	0.000667
212	1.25E-02	0.001885	0.001566	0.001697	0.001437	0.000248	0.00086	0.00196	0.001341	0.000971	0.000568
213	1.28E-02	0.002089	0.000968	0.00167	0.001611	0.000203	0.000755	0.001978	0.001618	0.000901	0.001
214	1.63E-02	0.002539	0.001165	0.002029	0.001913	0.000235	0.000951	0.002745	0.002246	0.001275	0.001208
215	2.07E-02	0.003039	0.001393	0.002433	0.002225	0.000268	0.001191	0.003837	0.003096	0.001844	0.001408
216	2.69E-02	0.003623	0.001682	0.002914	0.002558	0.000304	0.001501	0.005563	0.004355	0.002804	0.001568
217	3.39E-02	0.004118	0.002004	0.003353	0.002795	0.000337	0.001827	0.00787	0.005813	0.004209	0.001616
218	3.99E-02	0.004376	0.002335	0.003645	0.00289	0.000358	0.00209	0.010079	0.006765	0.00574	0.001577
219	4.08E-02	0.004325	0.002547	0.003691	0.002834	0.000364	0.00218	0.010582	0.006621	0.006187	0.001476
220	3.79E-02	0.004116	0.002636	0.003575	0.002712	0.000359	0.002131	0.009597	0.005862	0.005566	0.001353

MUIR School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

188	Receptor
0.29	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
221	3.29E-02	0.00379	0.00257	0.00333	0.002534	0.000346	0.001974	0.007875	0.004838	0.004452	0.001211
222	2.77E-02	0.003396	0.002398	0.003007	0.002317	0.000327	0.001755	0.006175	0.003865	0.003392	0.001065
223	2.30E-02	0.002983	0.002167	0.002647	0.002086	0.000306	0.001502	0.004786	0.003061	0.002561	0.000929
224	1.93E-02	0.00262	0.00198	0.002339	0.001866	0.000284	0.001302	0.003733	0.002436	0.001953	0.000807
225	1.63E-02	0.002299	0.001739	0.002047	0.001667	0.000256	0.001113	0.002979	0.00199	0.001528	0.000712
226	1.37E-02	0.00199	0.001525	0.001771	0.00147	0.000232	0.000937	0.00237	0.001601	0.001197	0.000618
227	1.17E-02	0.001743	0.001362	0.001553	0.001309	0.000214	0.0008	0.001933	0.00132	0.000965	0.00054
228	1.25E-02	0.001933	0.000944	0.001563	0.001465	0.000188	0.000734	0.002118	0.001677	0.001007	0.000874
229	1.53E-02	0.00226	0.001104	0.00183	0.001678	0.000212	0.000887	0.002774	0.002166	0.001354	0.000999
230	1.84E-02	0.002591	0.001281	0.002107	0.001877	0.000236	0.001059	0.003605	0.002755	0.001812	0.001092
231	2.18E-02	0.002878	0.001476	0.002362	0.002029	0.000258	0.001238	0.004599	0.003396	0.002393	0.001131
232	2.44E-02	0.003039	0.001657	0.002534	0.002099	0.000272	0.001382	0.005488	0.003839	0.002968	0.001118
233	2.54E-02	0.003057	0.001808	0.002595	0.002091	0.000279	0.001454	0.005886	0.003921	0.003262	0.001077
234	2.48E-02	0.002964	0.001867	0.002551	0.002028	0.000277	0.001446	0.005715	0.003714	0.003181	0.001015
235	2.28E-02	0.002767	0.001818	0.002398	0.001923	0.000268	0.001348	0.005161	0.003333	0.00285	0.000937
236	2.07E-02	0.002612	0.001772	0.002281	0.001815	0.000259	0.001286	0.004497	0.002911	0.002447	0.000859
237	1.82E-02	0.002366	0.001639	0.00207	0.001679	0.000245	0.001138	0.003788	0.002474	0.002026	0.000773
238	1.57E-02	0.002106	0.001453	0.001842	0.001496	0.000217	0.001014	0.003143	0.002081	0.001655	0.000692
239	1.38E-02	0.001921	0.001358	0.001686	0.001386	0.000206	0.000912	0.00263	0.001761	0.001362	0.000623
240	1.21E-02	0.001732	0.001251	0.001524	0.001269	0.000194	0.000809	0.002192	0.001483	0.001118	0.000558
241	1.06E-02	0.001556	0.001147	0.001372	0.001157	0.000182	0.000713	0.001833	0.001253	0.000924	0.000498
242	7.10E-03	0.001156	0.000595	0.000942	0.000905	0.000124	0.000422	0.001088	0.000855	0.000509	0.000508
243	8.38E-03	0.001333	0.000683	0.001087	0.001031	0.000139	0.000497	0.001343	0.001051	0.000636	0.000585
244	9.86E-03	0.001527	0.00078	0.001245	0.001164	0.000155	0.000583	0.001658	0.001287	0.000797	0.000665
245	1.16E-02	0.001743	0.000892	0.001423	0.001308	0.000172	0.000683	0.002056	0.001577	0.001007	0.000746
246	1.35E-02	0.001954	0.001011	0.001601	0.001441	0.000189	0.00079	0.002516	0.001902	0.001257	0.000807
247	1.53E-02	0.002132	0.001132	0.001759	0.001542	0.000204	0.000896	0.003019	0.002231	0.001542	0.000836
248	1.68E-02	0.002249	0.001257	0.001878	0.0016	0.000215	0.000987	0.003486	0.002486	0.001829	0.000837
249	1.74E-02	0.002258	0.001344	0.001914	0.001599	0.00022	0.00103	0.003705	0.002553	0.001981	0.000812
250	1.73E-02	0.002221	0.001391	0.001901	0.001566	0.00022	0.001036	0.003697	0.002493	0.001993	0.000779
251	1.66E-02	0.002143	0.001391	0.001849	0.001511	0.000215	0.001011	0.003518	0.002351	0.001895	0.000738
252	1.48E-02	0.001902	0.001256	0.001648	0.001352	0.0002	0.000893	0.003137	0.002083	0.001696	0.000662
253	1.37E-02	0.001802	0.001199	0.00156	0.001282	0.000185	0.000847	0.002814	0.001879	0.001501	0.00062
254	1.25E-02	0.001686	0.00113	0.001461	0.001208	0.000175	0.000788	0.002491	0.001677	0.00131	0.000574
255	1.14E-02	0.001577	0.001071	0.00137	0.00114	0.000168	0.000731	0.002194	0.001485	0.00114	0.000531
256	1.03E-02	0.001465	0.001012	0.001276	0.001071	0.00016	0.000673	0.001914	0.001304	0.000982	0.000488
257	9.32E-03	0.001349	0.000949	0.001178	0.000998	0.000153	0.000612	0.001659	0.001138	0.000842	0.000446
258	6.06E-03	0.000981	0.000521	0.000805	0.000767	0.000107	0.000363	0.000933	0.000725	0.000439	0.000419
259	6.92E-03	0.001099	0.000582	0.000902	0.000852	0.000118	0.000412	0.001107	0.000855	0.000528	0.000469
260	9.20E-03	0.0014	0.000742	0.001151	0.001059	0.000143	0.000549	0.00159	0.001208	0.000777	0.000584
261	1.03E-02	0.001529	0.000818	0.00126	0.001143	0.000155	0.000612	0.001853	0.001393	0.000919	0.000622
262	1.15E-02	0.001654	0.000906	0.001371	0.001218	0.000166	0.000683	0.002154	0.001592	0.001087	0.000646
263	1.22E-02	0.001683	0.00096	0.0014	0.00125	0.000173	0.000703	0.002392	0.001726	0.001228	0.000639
264	1.28E-02	0.001756	0.001047	0.001486	0.001267	0.000178	0.000775	0.00256	0.0018	0.001337	0.000636

MUIR School Project

Unmitigated Residential - Residential Construction Health Impact Assessment

188	Receptor
0.29	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
265	1.24E-02	0.001625	0.001018	0.001392	0.001179	0.000178	0.000721	0.00255	0.001761	0.001352	0.000582
266	1.22E-02	0.001607	0.001043	0.001376	0.001176	0.000176	0.000713	0.00249	0.001709	0.001318	0.000569
267	1.19E-02	0.0016	0.001059	0.00138	0.001168	0.000172	0.00072	0.002374	0.001617	0.00125	0.00056
268	1.06E-02	0.00143	0.000948	0.001233	0.001033	0.000152	0.000653	0.002096	0.001427	0.001104	0.000501
269	9.91E-03	0.001357	0.000901	0.001171	0.000984	0.000145	0.000617	0.00193	0.00132	0.001008	0.000473
270	9.23E-03	0.001284	0.000855	0.001109	0.000935	0.000138	0.000582	0.001763	0.001209	0.000914	0.000445
271	8.66E-03	0.001226	0.000826	0.001061	0.000899	0.000134	0.000553	0.001609	0.001106	0.000826	0.00042
272	8.01E-03	0.001154	0.000786	0.001	0.000853	0.000129	0.000516	0.001445	0.000998	0.000736	0.000392
273	8.15E-03	0.00123	0.000676	0.001018	0.00093	0.000129	0.000488	0.00142	0.001063	0.0007	0.000494
274	8.91E-03	0.001317	0.000738	0.001095	0.000984	0.000137	0.000536	0.001605	0.001188	0.000801	0.000512
275	9.47E-03	0.001365	0.000789	0.001142	0.001015	0.000143	0.000568	0.001763	0.001281	0.000892	0.000516
276	9.85E-03	0.001392	0.000838	0.00118	0.001027	0.000147	0.000597	0.001871	0.001333	0.00096	0.00051
277	9.55E-03	0.001302	0.000816	0.001115	0.000963	0.000148	0.000563	0.001877	0.001319	0.00098	0.00047
278	9.53E-03	0.001303	0.000841	0.001115	0.000972	0.000147	0.000561	0.001862	0.001297	0.000968	0.000463
279	9.49E-03	0.001323	0.000869	0.001139	0.000968	0.000144	0.000591	0.001806	0.00125	0.000937	0.000463
280	8.22E-03	0.001142	0.000759	0.000984	0.000837	0.000125	0.000509	0.001566	0.001084	0.000813	0.000404
281	7.90E-03	0.001104	0.000733	0.000951	0.00081	0.000121	0.000491	0.001494	0.001035	0.000773	0.00039
282	7.52E-03	0.001059	0.000702	0.000912	0.000779	0.000117	0.00047	0.001406	0.000975	0.000724	0.000373
283	6.93E-03	0.000986	0.00065	0.000848	0.000727	0.000108	0.000435	0.00128	0.000891	0.000656	0.000348
284	6.69E-03	0.000964	0.000642	0.000831	0.000715	0.000108	0.000424	0.001209	0.000842	0.000616	0.000336

Risk From P1Demo - Unmitigated Residential

MUIR School Project

Risk From P1Demo - Unmitigated Residential

2.32

0.83

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.24729	0.01	8.9E-09	1.2E-02	3.5E-04	1.0E-06	1.6E-01	5.5E-02	8.9E-09
44	0.28385	0.01	1.0E-08	1.2E-02	3.5E-04	1.2E-06	1.6E-01	5.5E-02	1.0E-08
45	0.32755	0.01	1.2E-08	1.2E-02	3.5E-04	1.4E-06	1.6E-01	5.5E-02	1.2E-08
46	0.38003	0.01	1.4E-08	1.2E-02	3.5E-04	1.6E-06	1.6E-01	5.5E-02	1.4E-08
47	0.44095	0.02	1.6E-08	1.2E-02	3.5E-04	1.8E-06	1.6E-01	5.5E-02	1.6E-08
48	0.50953	0.02	1.8E-08	1.2E-02	3.5E-04	2.1E-06	1.6E-01	5.5E-02	1.8E-08
49	0.58393	0.02	2.1E-08	1.2E-02	3.5E-04	2.4E-06	1.6E-01	5.5E-02	2.1E-08
50	0.65877	0.02	2.4E-08	1.2E-02	3.5E-04	2.8E-06	1.6E-01	5.5E-02	2.4E-08
51	0.73055	0.03	2.6E-08	1.2E-02	3.5E-04	3.1E-06	1.6E-01	5.5E-02	2.6E-08
52	0.79511	0.03	2.9E-08	1.2E-02	3.5E-04	3.3E-06	1.6E-01	5.5E-02	2.9E-08
53	0.8497	0.03	3.1E-08	1.2E-02	3.5E-04	3.6E-06	1.6E-01	5.5E-02	3.1E-08
54	0.88727	0.03	3.2E-08	1.2E-02	3.5E-04	3.7E-06	1.6E-01	5.5E-02	3.2E-08
55	0.86081	0.03	3.1E-08	1.2E-02	3.5E-04	3.6E-06	1.6E-01	5.5E-02	3.1E-08
56	0.8199	0.03	3.0E-08	1.2E-02	3.5E-04	3.4E-06	1.6E-01	5.5E-02	3.0E-08
57	0.76476	0.03	2.8E-08	1.2E-02	3.5E-04	3.2E-06	1.6E-01	5.5E-02	2.8E-08
58	0.7044	0.03	2.5E-08	1.2E-02	3.5E-04	3.0E-06	1.6E-01	5.5E-02	2.5E-08
59	0.64293	0.02	2.3E-08	1.2E-02	3.5E-04	2.7E-06	1.6E-01	5.5E-02	2.3E-08
60	0.58348	0.02	2.1E-08	1.2E-02	3.5E-04	2.4E-06	1.6E-01	5.5E-02	2.1E-08
61	0.3141	0.01	1.1E-08	1.2E-02	3.5E-04	1.3E-06	1.6E-01	5.5E-02	1.1E-08
62	0.37125	0.01	1.3E-08	1.2E-02	3.5E-04	1.6E-06	1.6E-01	5.5E-02	1.3E-08
63	0.44089	0.02	1.6E-08	1.2E-02	3.5E-04	1.8E-06	1.6E-01	5.5E-02	1.6E-08
64	0.52633	0.02	1.9E-08	1.2E-02	3.5E-04	2.2E-06	1.6E-01	5.5E-02	1.9E-08
65	0.62796	0.02	2.3E-08	1.2E-02	3.5E-04	2.6E-06	1.6E-01	5.5E-02	2.3E-08
66	0.74658	0.03	2.7E-08	1.2E-02	3.5E-04	3.1E-06	1.6E-01	5.5E-02	2.7E-08
67	0.87486	0.03	3.2E-08	1.2E-02	3.5E-04	3.7E-06	1.6E-01	5.5E-02	3.2E-08
68	0.99878	0.04	3.6E-08	1.2E-02	3.5E-04	4.2E-06	1.6E-01	5.5E-02	3.6E-08
69	1.10875	0.04	4.0E-08	1.2E-02	3.5E-04	4.6E-06	1.6E-01	5.5E-02	4.0E-08
70	1.19604	0.04	4.3E-08	1.2E-02	3.5E-04	5.0E-06	1.6E-01	5.5E-02	4.3E-08
71	1.24646	0.04	4.5E-08	1.2E-02	3.5E-04	5.2E-06	1.6E-01	5.5E-02	4.5E-08
72	0.94605	0.03	3.4E-08	1.2E-02	3.5E-04	4.0E-06	1.6E-01	5.5E-02	3.4E-08
73	0.84739	0.03	3.1E-08	1.2E-02	3.5E-04	3.5E-06	1.6E-01	5.5E-02	3.1E-08
74	0.75483	0.03	2.7E-08	1.2E-02	3.5E-04	3.2E-06	1.6E-01	5.5E-02	2.7E-08
75	0.67004	0.02	2.4E-08	1.2E-02	3.5E-04	2.8E-06	1.6E-01	5.5E-02	2.4E-08
76	0.31036	0.01	1.1E-08	1.2E-02	3.5E-04	1.3E-06	1.6E-01	5.5E-02	1.1E-08
77	0.38753	0.01	1.4E-08	1.2E-02	3.5E-04	1.6E-06	1.6E-01	5.5E-02	1.4E-08
78	0.48873	0.02	1.8E-08	1.2E-02	3.5E-04	2.0E-06	1.6E-01	5.5E-02	1.8E-08
79	0.63084	0.02	2.3E-08	1.2E-02	3.5E-04	2.6E-06	1.6E-01	5.5E-02	2.3E-08
80	0.78793	0.03	2.8E-08	1.2E-02	3.5E-04	3.3E-06	1.6E-01	5.5E-02	2.8E-08
81	0.98316	0.04	3.5E-08	1.2E-02	3.5E-04	4.1E-06	1.6E-01	5.5E-02	3.5E-08
82	1.21807	0.04	4.4E-08	1.2E-02	3.5E-04	5.1E-06	1.6E-01	5.5E-02	4.4E-08
83	1.45722	0.05	5.3E-08	1.2E-02	3.5E-04	6.1E-06	1.6E-01	5.5E-02	5.3E-08
84	1.66863	0.06	6.0E-08	1.2E-02	3.5E-04	7.0E-06	1.6E-01	5.5E-02	6.0E-08
85	1.81514	0.07	6.5E-08	1.2E-02	3.5E-04	7.6E-06	1.6E-01	5.5E-02	6.5E-08

MUIR School Project

Risk From P1Demo - Unmitigated Residential

2.32

0.83

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
86	1.86611	0.07	6.7E-08	1.2E-02	3.5E-04	7.8E-06	1.6E-01	5.5E-02	6.7E-08
87	1.16348	0.04	4.2E-08	1.2E-02	3.5E-04	4.9E-06	1.6E-01	5.5E-02	4.2E-08
88	1.00855	0.04	3.6E-08	1.2E-02	3.5E-04	4.2E-06	1.6E-01	5.5E-02	3.6E-08
89	0.87338	0.03	3.2E-08	1.2E-02	3.5E-04	3.7E-06	1.6E-01	5.5E-02	3.2E-08
90	0.75631	0.03	2.7E-08	1.2E-02	3.5E-04	3.2E-06	1.6E-01	5.5E-02	2.7E-08
91	0.65575	0.02	2.4E-08	1.2E-02	3.5E-04	2.7E-06	1.6E-01	5.5E-02	2.4E-08
92	0.36925	0.01	1.3E-08	1.2E-02	3.5E-04	1.5E-06	1.6E-01	5.5E-02	1.3E-08
93	0.45788	0.02	1.7E-08	1.2E-02	3.5E-04	1.9E-06	1.6E-01	5.5E-02	1.7E-08
94	0.56976	0.02	2.1E-08	1.2E-02	3.5E-04	2.4E-06	1.6E-01	5.5E-02	2.1E-08
95	0.75137	0.03	2.7E-08	1.2E-02	3.5E-04	3.1E-06	1.6E-01	5.5E-02	2.7E-08
96	0.99095	0.04	3.6E-08	1.2E-02	3.5E-04	4.2E-06	1.6E-01	5.5E-02	3.6E-08
97	1.32106	0.05	4.8E-08	1.2E-02	3.5E-04	5.5E-06	1.6E-01	5.5E-02	4.8E-08
98	1.80223	0.07	6.5E-08	1.2E-02	3.5E-04	7.5E-06	1.6E-01	5.5E-02	6.5E-08
99	2.3478	0.08	8.5E-08	1.2E-02	3.5E-04	9.8E-06	1.6E-01	5.5E-02	8.5E-08
100	2.83029	0.10	1.0E-07	1.2E-02	3.5E-04	1.2E-05	1.6E-01	5.5E-02	1.0E-07
101	3.0655	0.11	1.1E-07	1.2E-02	3.5E-04	1.3E-05	1.6E-01	5.5E-02	1.1E-07
102	3.03683	0.11	1.1E-07	1.2E-02	3.5E-04	1.3E-05	1.6E-01	5.5E-02	1.1E-07
103	2.02321	0.07	7.3E-08	1.2E-02	3.5E-04	8.5E-06	1.6E-01	5.5E-02	7.3E-08
104	1.40714	0.05	5.1E-08	1.2E-02	3.5E-04	5.9E-06	1.6E-01	5.5E-02	5.1E-08
105	1.17555	0.04	4.2E-08	1.2E-02	3.5E-04	4.9E-06	1.6E-01	5.5E-02	4.2E-08
106	0.98788	0.04	3.6E-08	1.2E-02	3.5E-04	4.1E-06	1.6E-01	5.5E-02	3.6E-08
107	0.833	0.03	3.0E-08	1.2E-02	3.5E-04	3.5E-06	1.6E-01	5.5E-02	3.0E-08
108	0.70825	0.03	2.6E-08	1.2E-02	3.5E-04	3.0E-06	1.6E-01	5.5E-02	2.6E-08
109	0.50019	0.02	1.8E-08	1.2E-02	3.5E-04	2.1E-06	1.6E-01	5.5E-02	1.8E-08
110	0.64594	0.02	2.3E-08	1.2E-02	3.5E-04	2.7E-06	1.6E-01	5.5E-02	2.3E-08
111	0.87894	0.03	3.2E-08	1.2E-02	3.5E-04	3.7E-06	1.6E-01	5.5E-02	3.2E-08
112	1.23091	0.04	4.4E-08	1.2E-02	3.5E-04	5.2E-06	1.6E-01	5.5E-02	4.4E-08
113	1.78924	0.06	6.5E-08	1.2E-02	3.5E-04	7.5E-06	1.6E-01	5.5E-02	6.5E-08
114	2.85101	0.10	1.0E-07	1.2E-02	3.5E-04	1.2E-05	1.6E-01	5.5E-02	1.0E-07
115	4.42059	0.16	1.6E-07	1.2E-02	3.5E-04	1.9E-05	1.6E-01	5.5E-02	1.6E-07
116	5.96605	0.22	2.2E-07	1.2E-02	3.5E-04	2.5E-05	1.6E-01	5.5E-02	2.2E-07
117	6.24098	0.23	2.3E-07	1.2E-02	3.5E-04	2.6E-05	1.6E-01	5.5E-02	2.3E-07
118	5.42268	0.20	2.0E-07	1.2E-02	3.5E-04	2.3E-05	1.6E-01	5.5E-02	2.0E-07
119	2.64637	0.10	9.5E-08	1.2E-02	3.5E-04	1.1E-05	1.6E-01	5.5E-02	9.5E-08
120	2.07693	0.07	7.5E-08	1.2E-02	3.5E-04	8.7E-06	1.6E-01	5.5E-02	7.5E-08
121	1.6487	0.06	5.9E-08	1.2E-02	3.5E-04	6.9E-06	1.6E-01	5.5E-02	5.9E-08
122	1.33035	0.05	4.8E-08	1.2E-02	3.5E-04	5.6E-06	1.6E-01	5.5E-02	4.8E-08
123	1.08499	0.04	3.9E-08	1.2E-02	3.5E-04	4.5E-06	1.6E-01	5.5E-02	3.9E-08
124	0.8946	0.03	3.2E-08	1.2E-02	3.5E-04	3.7E-06	1.6E-01	5.5E-02	3.2E-08
125	0.7502	0.03	2.7E-08	1.2E-02	3.5E-04	3.1E-06	1.6E-01	5.5E-02	2.7E-08
126	0.71016	0.03	2.6E-08	1.2E-02	3.5E-04	3.0E-06	1.6E-01	5.5E-02	2.6E-08
127	0.98999	0.04	3.6E-08	1.2E-02	3.5E-04	4.1E-06	1.6E-01	5.5E-02	3.6E-08
128	1.46366	0.05	5.3E-08	1.2E-02	3.5E-04	6.1E-06	1.6E-01	5.5E-02	5.3E-08

MUIR School Project

Risk From P1Demo - Unmitigated Residential

2.32

0.83

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	2.31416	0.08	8.3E-08	1.2E-02	3.5E-04	9.7E-06	1.6E-01	5.5E-02	8.3E-08
130	4.45232	0.16	1.6E-07	1.2E-02	3.5E-04	1.9E-05	1.6E-01	5.5E-02	1.6E-07
131	11.64434	0.42	4.2E-07	1.2E-02	3.5E-04	4.9E-05	1.6E-01	5.5E-02	4.2E-07
132	23.13219	0.83	8.3E-07	1.2E-02	3.5E-04	9.7E-05	1.6E-01	5.5E-02	8.3E-07
133	3.30564	0.12	1.2E-07	1.2E-02	3.5E-04	1.4E-05	1.6E-01	5.5E-02	1.2E-07
134	2.45351	0.09	8.8E-08	1.2E-02	3.5E-04	1.0E-05	1.6E-01	5.5E-02	8.8E-08
135	1.86557	0.07	6.7E-08	1.2E-02	3.5E-04	7.8E-06	1.6E-01	5.5E-02	6.7E-08
136	1.4536	0.05	5.2E-08	1.2E-02	3.5E-04	6.1E-06	1.6E-01	5.5E-02	5.2E-08
137	1.15321	0.04	4.2E-08	1.2E-02	3.5E-04	4.8E-06	1.6E-01	5.5E-02	4.2E-08
138	0.93608	0.03	3.4E-08	1.2E-02	3.5E-04	3.9E-06	1.6E-01	5.5E-02	3.4E-08
139	0.77313	0.03	2.8E-08	1.2E-02	3.5E-04	3.2E-06	1.6E-01	5.5E-02	2.8E-08
140	0.74964	0.03	2.7E-08	1.2E-02	3.5E-04	3.1E-06	1.6E-01	5.5E-02	2.7E-08
141	1.05965	0.04	3.8E-08	1.2E-02	3.5E-04	4.4E-06	1.6E-01	5.5E-02	3.8E-08
142	1.60719	0.06	5.8E-08	1.2E-02	3.5E-04	6.7E-06	1.6E-01	5.5E-02	5.8E-08
143	2.72547	0.10	9.8E-08	1.2E-02	3.5E-04	1.1E-05	1.6E-01	5.5E-02	9.8E-08
144	6.1061	0.22	2.2E-07	1.2E-02	3.5E-04	2.6E-05	1.6E-01	5.5E-02	2.2E-07
145	3.91632	0.14	1.4E-07	1.2E-02	3.5E-04	1.6E-05	1.6E-01	5.5E-02	1.4E-07
146	2.73048	0.10	9.8E-08	1.2E-02	3.5E-04	1.1E-05	1.6E-01	5.5E-02	9.8E-08
147	2.01772	0.07	7.3E-08	1.2E-02	3.5E-04	8.5E-06	1.6E-01	5.5E-02	7.3E-08
148	1.53375	0.06	5.5E-08	1.2E-02	3.5E-04	6.4E-06	1.6E-01	5.5E-02	5.5E-08
149	1.20128	0.04	4.3E-08	1.2E-02	3.5E-04	5.0E-06	1.6E-01	5.5E-02	4.3E-08
150	0.96349	0.03	3.5E-08	1.2E-02	3.5E-04	4.0E-06	1.6E-01	5.5E-02	3.5E-08
151	0.80037	0.03	2.9E-08	1.2E-02	3.5E-04	3.4E-06	1.6E-01	5.5E-02	2.9E-08
152	1.59078	0.06	5.7E-08	1.2E-02	3.5E-04	6.7E-06	1.6E-01	5.5E-02	5.7E-08
153	2.6648	0.10	9.6E-08	1.2E-02	3.5E-04	1.1E-05	1.6E-01	5.5E-02	9.6E-08
154	5.10654	0.18	1.8E-07	1.2E-02	3.5E-04	2.1E-05	1.6E-01	5.5E-02	1.8E-07
155	2.89661	0.10	1.0E-07	1.2E-02	3.5E-04	1.2E-05	1.6E-01	5.5E-02	1.0E-07
156	2.0931	0.08	7.5E-08	1.2E-02	3.5E-04	8.8E-06	1.6E-01	5.5E-02	7.5E-08
157	1.57568	0.06	5.7E-08	1.2E-02	3.5E-04	6.6E-06	1.6E-01	5.5E-02	5.7E-08
158	1.22488	0.04	4.4E-08	1.2E-02	3.5E-04	5.1E-06	1.6E-01	5.5E-02	4.4E-08
159	0.98463	0.04	3.6E-08	1.2E-02	3.5E-04	4.1E-06	1.6E-01	5.5E-02	3.6E-08
160	0.80867	0.03	2.9E-08	1.2E-02	3.5E-04	3.4E-06	1.6E-01	5.5E-02	2.9E-08
161	1.00053	0.04	3.6E-08	1.2E-02	3.5E-04	4.2E-06	1.6E-01	5.5E-02	3.6E-08
162	1.44097	0.05	5.2E-08	1.2E-02	3.5E-04	6.0E-06	1.6E-01	5.5E-02	5.2E-08
163	2.26736	0.08	8.2E-08	1.2E-02	3.5E-04	9.5E-06	1.6E-01	5.5E-02	8.2E-08
164	3.82676	0.14	1.4E-07	1.2E-02	3.5E-04	1.6E-05	1.6E-01	5.5E-02	1.4E-07
165	7.38729	0.27	2.7E-07	1.2E-02	3.5E-04	3.1E-05	1.6E-01	5.5E-02	2.7E-07
166	2.87808	0.10	1.0E-07	1.2E-02	3.5E-04	1.2E-05	1.6E-01	5.5E-02	1.0E-07
167	2.08911	0.08	7.5E-08	1.2E-02	3.5E-04	8.8E-06	1.6E-01	5.5E-02	7.5E-08
168	1.58161	0.06	5.7E-08	1.2E-02	3.5E-04	6.6E-06	1.6E-01	5.5E-02	5.7E-08
169	1.23666	0.04	4.5E-08	1.2E-02	3.5E-04	5.2E-06	1.6E-01	5.5E-02	4.5E-08
170	1.00128	0.04	3.6E-08	1.2E-02	3.5E-04	4.2E-06	1.6E-01	5.5E-02	3.6E-08
171	0.81432	0.03	2.9E-08	1.2E-02	3.5E-04	3.4E-06	1.6E-01	5.5E-02	2.9E-08

MUIR School Project

Risk From P1Demo - Unmitigated Residential

2.32

0.83

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	0.89836	0.03	3.2E-08	1.2E-02	3.5E-04	3.8E-06	1.6E-01	5.5E-02	3.2E-08
173	1.24766	0.05	4.5E-08	1.2E-02	3.5E-04	5.2E-06	1.6E-01	5.5E-02	4.5E-08
174	1.82502	0.07	6.6E-08	1.2E-02	3.5E-04	7.6E-06	1.6E-01	5.5E-02	6.6E-08
175	2.74752	0.10	9.9E-08	1.2E-02	3.5E-04	1.2E-05	1.6E-01	5.5E-02	9.9E-08
176	4.3552	0.16	1.6E-07	1.2E-02	3.5E-04	1.8E-05	1.6E-01	5.5E-02	1.6E-07
177	5.25236	0.19	1.9E-07	1.2E-02	3.5E-04	2.2E-05	1.6E-01	5.5E-02	1.9E-07
178	3.67325	0.13	1.3E-07	1.2E-02	3.5E-04	1.5E-05	1.6E-01	5.5E-02	1.3E-07
179	2.66539	0.10	9.6E-08	1.2E-02	3.5E-04	1.1E-05	1.6E-01	5.5E-02	9.6E-08
180	2.00096	0.07	7.2E-08	1.2E-02	3.5E-04	8.4E-06	1.6E-01	5.5E-02	7.2E-08
181	1.54478	0.06	5.6E-08	1.2E-02	3.5E-04	6.5E-06	1.6E-01	5.5E-02	5.6E-08
182	1.2374	0.04	4.5E-08	1.2E-02	3.5E-04	5.2E-06	1.6E-01	5.5E-02	4.5E-08
183	1.00314	0.04	3.6E-08	1.2E-02	3.5E-04	4.2E-06	1.6E-01	5.5E-02	3.6E-08
184	0.81935	0.03	3.0E-08	1.2E-02	3.5E-04	3.4E-06	1.6E-01	5.5E-02	3.0E-08
185	1.94657	0.07	7.0E-08	1.2E-02	3.5E-04	8.2E-06	1.6E-01	5.5E-02	7.0E-08
186	2.73987	0.10	9.9E-08	1.2E-02	3.5E-04	1.1E-05	1.6E-01	5.5E-02	9.9E-08
187	3.77773	0.14	1.4E-07	1.2E-02	3.5E-04	1.6E-05	1.6E-01	5.5E-02	1.4E-07
188	5.17147	0.19	1.9E-07	1.2E-02	3.5E-04	2.2E-05	1.6E-01	5.5E-02	1.9E-07
189	4.57688	0.17	1.7E-07	1.2E-02	3.5E-04	1.9E-05	1.6E-01	5.5E-02	1.7E-07
190	3.70213	0.13	1.3E-07	1.2E-02	3.5E-04	1.6E-05	1.6E-01	5.5E-02	1.3E-07
191	2.90453	0.10	1.0E-07	1.2E-02	3.5E-04	1.2E-05	1.6E-01	5.5E-02	1.0E-07
192	2.27896	0.08	8.2E-08	1.2E-02	3.5E-04	9.5E-06	1.6E-01	5.5E-02	8.2E-08
193	1.79993	0.06	6.5E-08	1.2E-02	3.5E-04	7.5E-06	1.6E-01	5.5E-02	6.5E-08
194	1.44153	0.05	5.2E-08	1.2E-02	3.5E-04	6.0E-06	1.6E-01	5.5E-02	5.2E-08
195	1.18785	0.04	4.3E-08	1.2E-02	3.5E-04	5.0E-06	1.6E-01	5.5E-02	4.3E-08
196	0.97797	0.04	3.5E-08	1.2E-02	3.5E-04	4.1E-06	1.6E-01	5.5E-02	3.5E-08
197	0.81269	0.03	2.9E-08	1.2E-02	3.5E-04	3.4E-06	1.6E-01	5.5E-02	2.9E-08
198	1.09917	0.04	4.0E-08	1.2E-02	3.5E-04	4.6E-06	1.6E-01	5.5E-02	4.0E-08
199	1.40433	0.05	5.1E-08	1.2E-02	3.5E-04	5.9E-06	1.6E-01	5.5E-02	5.1E-08
200	1.80139	0.06	6.5E-08	1.2E-02	3.5E-04	7.5E-06	1.6E-01	5.5E-02	6.5E-08
201	2.24035	0.08	8.1E-08	1.2E-02	3.5E-04	9.4E-06	1.6E-01	5.5E-02	8.1E-08
202	2.66746	0.10	9.6E-08	1.2E-02	3.5E-04	1.1E-05	1.6E-01	5.5E-02	9.6E-08
203	2.82983	0.10	1.0E-07	1.2E-02	3.5E-04	1.2E-05	1.6E-01	5.5E-02	1.0E-07
204	2.75482	0.10	9.9E-08	1.2E-02	3.5E-04	1.2E-05	1.6E-01	5.5E-02	9.9E-08
205	2.49016	0.09	9.0E-08	1.2E-02	3.5E-04	1.0E-05	1.6E-01	5.5E-02	9.0E-08
206	2.14978	0.08	7.8E-08	1.2E-02	3.5E-04	9.0E-06	1.6E-01	5.5E-02	7.8E-08
207	1.82028	0.07	6.6E-08	1.2E-02	3.5E-04	7.6E-06	1.6E-01	5.5E-02	6.6E-08
208	1.52468	0.05	5.5E-08	1.2E-02	3.5E-04	6.4E-06	1.6E-01	5.5E-02	5.5E-08
209	1.28782	0.05	4.6E-08	1.2E-02	3.5E-04	5.4E-06	1.6E-01	5.5E-02	4.6E-08
210	1.08758	0.04	3.9E-08	1.2E-02	3.5E-04	4.6E-06	1.6E-01	5.5E-02	3.9E-08
211	0.92011	0.03	3.3E-08	1.2E-02	3.5E-04	3.9E-06	1.6E-01	5.5E-02	3.3E-08
212	0.77906	0.03	2.8E-08	1.2E-02	3.5E-04	3.3E-06	1.6E-01	5.5E-02	2.8E-08
213	0.86295	0.03	3.1E-08	1.2E-02	3.5E-04	3.6E-06	1.6E-01	5.5E-02	3.1E-08
214	1.04904	0.04	3.8E-08	1.2E-02	3.5E-04	4.4E-06	1.6E-01	5.5E-02	3.8E-08

MUIR School Project

Risk From P1Demo - Unmitigated Residential

2.32

0.83

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
215	1.25583	0.05	4.5E-08	1.2E-02	3.5E-04	5.3E-06	1.6E-01	5.5E-02	4.5E-08
216	1.49708	0.05	5.4E-08	1.2E-02	3.5E-04	6.3E-06	1.6E-01	5.5E-02	5.4E-08
217	1.70135	0.06	6.1E-08	1.2E-02	3.5E-04	7.1E-06	1.6E-01	5.5E-02	6.1E-08
218	1.80826	0.07	6.5E-08	1.2E-02	3.5E-04	7.6E-06	1.6E-01	5.5E-02	6.5E-08
219	1.78694	0.06	6.4E-08	1.2E-02	3.5E-04	7.5E-06	1.6E-01	5.5E-02	6.4E-08
220	1.70077	0.06	6.1E-08	1.2E-02	3.5E-04	7.1E-06	1.6E-01	5.5E-02	6.1E-08
221	1.56615	0.06	5.6E-08	1.2E-02	3.5E-04	6.6E-06	1.6E-01	5.5E-02	5.6E-08
222	1.40332	0.05	5.1E-08	1.2E-02	3.5E-04	5.9E-06	1.6E-01	5.5E-02	5.1E-08
223	1.23256	0.04	4.4E-08	1.2E-02	3.5E-04	5.2E-06	1.6E-01	5.5E-02	4.4E-08
224	1.08256	0.04	3.9E-08	1.2E-02	3.5E-04	4.5E-06	1.6E-01	5.5E-02	3.9E-08
225	0.94999	0.03	3.4E-08	1.2E-02	3.5E-04	4.0E-06	1.6E-01	5.5E-02	3.4E-08
226	0.82229	0.03	3.0E-08	1.2E-02	3.5E-04	3.4E-06	1.6E-01	5.5E-02	3.0E-08
227	0.72009	0.03	2.6E-08	1.2E-02	3.5E-04	3.0E-06	1.6E-01	5.5E-02	2.6E-08
228	0.79889	0.03	2.9E-08	1.2E-02	3.5E-04	3.3E-06	1.6E-01	5.5E-02	2.9E-08
229	0.93391	0.03	3.4E-08	1.2E-02	3.5E-04	3.9E-06	1.6E-01	5.5E-02	3.4E-08
230	1.07071	0.04	3.9E-08	1.2E-02	3.5E-04	4.5E-06	1.6E-01	5.5E-02	3.9E-08
231	1.18926	0.04	4.3E-08	1.2E-02	3.5E-04	5.0E-06	1.6E-01	5.5E-02	4.3E-08
232	1.25565	0.05	4.5E-08	1.2E-02	3.5E-04	5.3E-06	1.6E-01	5.5E-02	4.5E-08
233	1.26299	0.05	4.6E-08	1.2E-02	3.5E-04	5.3E-06	1.6E-01	5.5E-02	4.6E-08
234	1.22472	0.04	4.4E-08	1.2E-02	3.5E-04	5.1E-06	1.6E-01	5.5E-02	4.4E-08
235	1.14335	0.04	4.1E-08	1.2E-02	3.5E-04	4.8E-06	1.6E-01	5.5E-02	4.1E-08
236	1.07916	0.04	3.9E-08	1.2E-02	3.5E-04	4.5E-06	1.6E-01	5.5E-02	3.9E-08
237	0.9774	0.04	3.5E-08	1.2E-02	3.5E-04	4.1E-06	1.6E-01	5.5E-02	3.5E-08
238	0.87021	0.03	3.1E-08	1.2E-02	3.5E-04	3.6E-06	1.6E-01	5.5E-02	3.1E-08
239	0.79375	0.03	2.9E-08	1.2E-02	3.5E-04	3.3E-06	1.6E-01	5.5E-02	2.9E-08
240	0.71575	0.03	2.6E-08	1.2E-02	3.5E-04	3.0E-06	1.6E-01	5.5E-02	2.6E-08
241	0.6429	0.02	2.3E-08	1.2E-02	3.5E-04	2.7E-06	1.6E-01	5.5E-02	2.3E-08
242	0.47748	0.02	1.7E-08	1.2E-02	3.5E-04	2.0E-06	1.6E-01	5.5E-02	1.7E-08
243	0.55082	0.02	2.0E-08	1.2E-02	3.5E-04	2.3E-06	1.6E-01	5.5E-02	2.0E-08
244	0.63084	0.02	2.3E-08	1.2E-02	3.5E-04	2.6E-06	1.6E-01	5.5E-02	2.3E-08
245	0.72002	0.03	2.6E-08	1.2E-02	3.5E-04	3.0E-06	1.6E-01	5.5E-02	2.6E-08
246	0.80723	0.03	2.9E-08	1.2E-02	3.5E-04	3.4E-06	1.6E-01	5.5E-02	2.9E-08
247	0.88081	0.03	3.2E-08	1.2E-02	3.5E-04	3.7E-06	1.6E-01	5.5E-02	3.2E-08
248	0.92906	0.03	3.4E-08	1.2E-02	3.5E-04	3.9E-06	1.6E-01	5.5E-02	3.4E-08
249	0.933	0.03	3.4E-08	1.2E-02	3.5E-04	3.9E-06	1.6E-01	5.5E-02	3.4E-08
250	0.91756	0.03	3.3E-08	1.2E-02	3.5E-04	3.8E-06	1.6E-01	5.5E-02	3.3E-08
251	0.88565	0.03	3.2E-08	1.2E-02	3.5E-04	3.7E-06	1.6E-01	5.5E-02	3.2E-08
252	0.78582	0.03	2.8E-08	1.2E-02	3.5E-04	3.3E-06	1.6E-01	5.5E-02	2.8E-08
253	0.74465	0.03	2.7E-08	1.2E-02	3.5E-04	3.1E-06	1.6E-01	5.5E-02	2.7E-08
254	0.69658	0.03	2.5E-08	1.2E-02	3.5E-04	2.9E-06	1.6E-01	5.5E-02	2.5E-08
255	0.65158	0.02	2.4E-08	1.2E-02	3.5E-04	2.7E-06	1.6E-01	5.5E-02	2.4E-08
256	0.60533	0.02	2.2E-08	1.2E-02	3.5E-04	2.5E-06	1.6E-01	5.5E-02	2.2E-08
257	0.55759	0.02	2.0E-08	1.2E-02	3.5E-04	2.3E-06	1.6E-01	5.5E-02	2.0E-08

MUIR School Project

Risk From P1Demo - Unmitigated Residential

2.32

0.83

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
258	0.40543	0.01	1.5E-08	1.2E-02	3.5E-04	1.7E-06	1.6E-01	5.5E-02	1.5E-08
259	0.45407	0.02	1.6E-08	1.2E-02	3.5E-04	1.9E-06	1.6E-01	5.5E-02	1.6E-08
260	0.5785	0.02	2.1E-08	1.2E-02	3.5E-04	2.4E-06	1.6E-01	5.5E-02	2.1E-08
261	0.63167	0.02	2.3E-08	1.2E-02	3.5E-04	2.6E-06	1.6E-01	5.5E-02	2.3E-08
262	0.68329	0.02	2.5E-08	1.2E-02	3.5E-04	2.9E-06	1.6E-01	5.5E-02	2.5E-08
263	0.69542	0.03	2.5E-08	1.2E-02	3.5E-04	2.9E-06	1.6E-01	5.5E-02	2.5E-08
264	0.72557	0.03	2.6E-08	1.2E-02	3.5E-04	3.0E-06	1.6E-01	5.5E-02	2.6E-08
265	0.67127	0.02	2.4E-08	1.2E-02	3.5E-04	2.8E-06	1.6E-01	5.5E-02	2.4E-08
266	0.66417	0.02	2.4E-08	1.2E-02	3.5E-04	2.8E-06	1.6E-01	5.5E-02	2.4E-08
267	0.66114	0.02	2.4E-08	1.2E-02	3.5E-04	2.8E-06	1.6E-01	5.5E-02	2.4E-08
268	0.59074	0.02	2.1E-08	1.2E-02	3.5E-04	2.5E-06	1.6E-01	5.5E-02	2.1E-08
269	0.56063	0.02	2.0E-08	1.2E-02	3.5E-04	2.3E-06	1.6E-01	5.5E-02	2.0E-08
270	0.53069	0.02	1.9E-08	1.2E-02	3.5E-04	2.2E-06	1.6E-01	5.5E-02	1.9E-08
271	0.50674	0.02	1.8E-08	1.2E-02	3.5E-04	2.1E-06	1.6E-01	5.5E-02	1.8E-08
272	0.47676	0.02	1.7E-08	1.2E-02	3.5E-04	2.0E-06	1.6E-01	5.5E-02	1.7E-08
273	0.50823	0.02	1.8E-08	1.2E-02	3.5E-04	2.1E-06	1.6E-01	5.5E-02	1.8E-08
274	0.54413	0.02	2.0E-08	1.2E-02	3.5E-04	2.3E-06	1.6E-01	5.5E-02	2.0E-08
275	0.56398	0.02	2.0E-08	1.2E-02	3.5E-04	2.4E-06	1.6E-01	5.5E-02	2.0E-08
276	0.57503	0.02	2.1E-08	1.2E-02	3.5E-04	2.4E-06	1.6E-01	5.5E-02	2.1E-08
277	0.53786	0.02	1.9E-08	1.2E-02	3.5E-04	2.3E-06	1.6E-01	5.5E-02	1.9E-08
278	0.53853	0.02	1.9E-08	1.2E-02	3.5E-04	2.3E-06	1.6E-01	5.5E-02	1.9E-08
279	0.54659	0.02	2.0E-08	1.2E-02	3.5E-04	2.3E-06	1.6E-01	5.5E-02	2.0E-08
280	0.47171	0.02	1.7E-08	1.2E-02	3.5E-04	2.0E-06	1.6E-01	5.5E-02	1.7E-08
281	0.45609	0.02	1.6E-08	1.2E-02	3.5E-04	1.9E-06	1.6E-01	5.5E-02	1.6E-08
282	0.43757	0.02	1.6E-08	1.2E-02	3.5E-04	1.8E-06	1.6E-01	5.5E-02	1.6E-08
283	0.40724	0.01	1.5E-08	1.2E-02	3.5E-04	1.7E-06	1.6E-01	5.5E-02	1.5E-08
284	0.39833	0.01	1.4E-08	1.2E-02	3.5E-04	1.7E-06	1.6E-01	5.5E-02	1.4E-08

Risk From P1SP - Unmitigated Residential

MUIR School Project

Risk From P1SP - Unmitigated Residential

	Max	0.06					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
43	0.20727	0.00	7.6E-10	8.2E-03	3.5E-04	5.9E-07	1.6E-01	8.2E-03	7.6E-10
44	0.23685	0.00	8.6E-10	8.2E-03	3.5E-04	6.7E-07	1.6E-01	8.2E-03	8.6E-10
45	0.27274	0.00	9.9E-10	8.2E-03	3.5E-04	7.7E-07	1.6E-01	8.2E-03	9.9E-10
46	0.31687	0.00	1.2E-09	8.2E-03	3.5E-04	8.9E-07	1.6E-01	8.2E-03	1.2E-09
47	0.37035	0.00	1.4E-09	8.2E-03	3.5E-04	1.0E-06	1.6E-01	8.2E-03	1.4E-09
48	0.43447	0.00	1.6E-09	8.2E-03	3.5E-04	1.2E-06	1.6E-01	8.2E-03	1.6E-09
49	0.51047	0.00	1.9E-09	8.2E-03	3.5E-04	1.4E-06	1.6E-01	8.2E-03	1.9E-09
50	0.59635	0.00	2.2E-09	8.2E-03	3.5E-04	1.7E-06	1.6E-01	8.2E-03	2.2E-09
51	0.68953	0.00	2.5E-09	8.2E-03	3.5E-04	1.9E-06	1.6E-01	8.2E-03	2.5E-09
52	0.78328	0.00	2.9E-09	8.2E-03	3.5E-04	2.2E-06	1.6E-01	8.2E-03	2.9E-09
53	0.87144	0.00	3.2E-09	8.2E-03	3.5E-04	2.5E-06	1.6E-01	8.2E-03	3.2E-09
54	0.94536	0.00	3.4E-09	8.2E-03	3.5E-04	2.7E-06	1.6E-01	8.2E-03	3.4E-09
55	1.01793	0.00	3.7E-09	8.2E-03	3.5E-04	2.9E-06	1.6E-01	8.2E-03	3.7E-09
56	0.99543	0.00	3.6E-09	8.2E-03	3.5E-04	2.8E-06	1.6E-01	8.2E-03	3.6E-09
57	0.94394	0.00	3.4E-09	8.2E-03	3.5E-04	2.7E-06	1.6E-01	8.2E-03	3.4E-09
58	0.87754	0.00	3.2E-09	8.2E-03	3.5E-04	2.5E-06	1.6E-01	8.2E-03	3.2E-09
59	0.80381	0.00	2.9E-09	8.2E-03	3.5E-04	2.3E-06	1.6E-01	8.2E-03	2.9E-09
60	0.72912	0.00	2.7E-09	8.2E-03	3.5E-04	2.1E-06	1.6E-01	8.2E-03	2.7E-09
61	0.25561	0.00	9.3E-10	8.2E-03	3.5E-04	7.2E-07	1.6E-01	8.2E-03	9.3E-10
62	0.29963	0.00	1.1E-09	8.2E-03	3.5E-04	8.5E-07	1.6E-01	8.2E-03	1.1E-09
63	0.35412	0.00	1.3E-09	8.2E-03	3.5E-04	1.0E-06	1.6E-01	8.2E-03	1.3E-09
64	0.42313	0.00	1.5E-09	8.2E-03	3.5E-04	1.2E-06	1.6E-01	8.2E-03	1.5E-09
65	0.51026	0.00	1.9E-09	8.2E-03	3.5E-04	1.4E-06	1.6E-01	8.2E-03	1.9E-09
66	0.62133	0.00	2.3E-09	8.2E-03	3.5E-04	1.8E-06	1.6E-01	8.2E-03	2.3E-09
67	0.75843	0.00	2.8E-09	8.2E-03	3.5E-04	2.1E-06	1.6E-01	8.2E-03	2.8E-09
68	0.91637	0.00	3.3E-09	8.2E-03	3.5E-04	2.6E-06	1.6E-01	8.2E-03	3.3E-09
69	1.08296	0.00	4.0E-09	8.2E-03	3.5E-04	3.1E-06	1.6E-01	8.2E-03	4.0E-09
70	1.24185	0.00	4.5E-09	8.2E-03	3.5E-04	3.5E-06	1.6E-01	8.2E-03	4.5E-09
71	1.37063	0.01	5.0E-09	8.2E-03	3.5E-04	3.9E-06	1.6E-01	8.2E-03	5.0E-09
72	1.2305	0.00	4.5E-09	8.2E-03	3.5E-04	3.5E-06	1.6E-01	8.2E-03	4.5E-09
73	1.1052	0.00	4.0E-09	8.2E-03	3.5E-04	3.1E-06	1.6E-01	8.2E-03	4.0E-09
74	0.98158	0.00	3.6E-09	8.2E-03	3.5E-04	2.8E-06	1.6E-01	8.2E-03	3.6E-09
75	0.86582	0.00	3.2E-09	8.2E-03	3.5E-04	2.4E-06	1.6E-01	8.2E-03	3.2E-09
76	0.24862	0.00	9.1E-10	8.2E-03	3.5E-04	7.0E-07	1.6E-01	8.2E-03	9.1E-10
77	0.3052	0.00	1.1E-09	8.2E-03	3.5E-04	8.6E-07	1.6E-01	8.2E-03	1.1E-09
78	0.37842	0.00	1.4E-09	8.2E-03	3.5E-04	1.1E-06	1.6E-01	8.2E-03	1.4E-09
79	0.4808	0.00	1.8E-09	8.2E-03	3.5E-04	1.4E-06	1.6E-01	8.2E-03	1.8E-09
80	0.59979	0.00	2.2E-09	8.2E-03	3.5E-04	1.7E-06	1.6E-01	8.2E-03	2.2E-09
81	0.76088	0.00	2.8E-09	8.2E-03	3.5E-04	2.1E-06	1.6E-01	8.2E-03	2.8E-09
82	0.98431	0.00	3.6E-09	8.2E-03	3.5E-04	2.8E-06	1.6E-01	8.2E-03	3.6E-09
83	1.27257	0.00	4.6E-09	8.2E-03	3.5E-04	3.6E-06	1.6E-01	8.2E-03	4.6E-09
84	1.60817	0.01	5.9E-09	8.2E-03	3.5E-04	4.5E-06	1.6E-01	8.2E-03	5.9E-09
85	1.93574	0.01	7.1E-09	8.2E-03	3.5E-04	5.5E-06	1.6E-01	8.2E-03	7.1E-09

MUIR School Project

Risk From P1SP - Unmitigated Residential

	Max	0.06					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
86	2.18065	0.01	8.0E-09	8.2E-03	3.5E-04	6.2E-06	1.6E-01	8.2E-03	8.0E-09
87	1.61117	0.01	5.9E-09	8.2E-03	3.5E-04	4.6E-06	1.6E-01	8.2E-03	5.9E-09
88	1.38491	0.01	5.1E-09	8.2E-03	3.5E-04	3.9E-06	1.6E-01	8.2E-03	5.1E-09
89	1.18444	0.00	4.3E-09	8.2E-03	3.5E-04	3.3E-06	1.6E-01	8.2E-03	4.3E-09
90	1.01127	0.00	3.7E-09	8.2E-03	3.5E-04	2.9E-06	1.6E-01	8.2E-03	3.7E-09
91	0.86319	0.00	3.1E-09	8.2E-03	3.5E-04	2.4E-06	1.6E-01	8.2E-03	3.1E-09
92	0.28607	0.00	1.0E-09	8.2E-03	3.5E-04	8.1E-07	1.6E-01	8.2E-03	1.0E-09
93	0.34632	0.00	1.3E-09	8.2E-03	3.5E-04	9.8E-07	1.6E-01	8.2E-03	1.3E-09
94	0.42093	0.00	1.5E-09	8.2E-03	3.5E-04	1.2E-06	1.6E-01	8.2E-03	1.5E-09
95	0.53865	0.00	2.0E-09	8.2E-03	3.5E-04	1.5E-06	1.6E-01	8.2E-03	2.0E-09
96	0.69483	0.00	2.5E-09	8.2E-03	3.5E-04	2.0E-06	1.6E-01	8.2E-03	2.5E-09
97	0.92138	0.00	3.4E-09	8.2E-03	3.5E-04	2.6E-06	1.6E-01	8.2E-03	3.4E-09
98	1.29204	0.00	4.7E-09	8.2E-03	3.5E-04	3.6E-06	1.6E-01	8.2E-03	4.7E-09
99	1.86179	0.01	6.8E-09	8.2E-03	3.5E-04	5.3E-06	1.6E-01	8.2E-03	6.8E-09
100	2.66716	0.01	9.7E-09	8.2E-03	3.5E-04	7.5E-06	1.6E-01	8.2E-03	9.7E-09
101	3.48263	0.01	1.3E-08	8.2E-03	3.5E-04	9.8E-06	1.6E-01	8.2E-03	1.3E-08
102	4.03452	0.01	1.5E-08	8.2E-03	3.5E-04	1.1E-05	1.6E-01	8.2E-03	1.5E-08
103	3.11168	0.01	1.1E-08	8.2E-03	3.5E-04	8.8E-06	1.6E-01	8.2E-03	1.1E-08
104	2.08998	0.01	7.6E-09	8.2E-03	3.5E-04	5.9E-06	1.6E-01	8.2E-03	7.6E-09
105	1.70245	0.01	6.2E-09	8.2E-03	3.5E-04	4.8E-06	1.6E-01	8.2E-03	6.2E-09
106	1.39562	0.01	5.1E-09	8.2E-03	3.5E-04	3.9E-06	1.6E-01	8.2E-03	5.1E-09
107	1.15094	0.00	4.2E-09	8.2E-03	3.5E-04	3.3E-06	1.6E-01	8.2E-03	4.2E-09
108	0.9559	0.00	3.5E-09	8.2E-03	3.5E-04	2.7E-06	1.6E-01	8.2E-03	3.5E-09
109	0.36648	0.00	1.3E-09	8.2E-03	3.5E-04	1.0E-06	1.6E-01	8.2E-03	1.3E-09
110	0.45587	0.00	1.7E-09	8.2E-03	3.5E-04	1.3E-06	1.6E-01	8.2E-03	1.7E-09
111	0.59082	0.00	2.2E-09	8.2E-03	3.5E-04	1.7E-06	1.6E-01	8.2E-03	2.2E-09
112	0.78458	0.00	2.9E-09	8.2E-03	3.5E-04	2.2E-06	1.6E-01	8.2E-03	2.9E-09
113	1.08395	0.00	4.0E-09	8.2E-03	3.5E-04	3.1E-06	1.6E-01	8.2E-03	4.0E-09
114	1.66195	0.01	6.1E-09	8.2E-03	3.5E-04	4.7E-06	1.6E-01	8.2E-03	6.1E-09
115	2.81401	0.01	1.0E-08	8.2E-03	3.5E-04	7.9E-06	1.6E-01	8.2E-03	1.0E-08
116	5.36234	0.02	2.0E-08	8.2E-03	3.5E-04	1.5E-05	1.6E-01	8.2E-03	2.0E-08
117	8.78975	0.03	3.2E-08	8.2E-03	3.5E-04	2.5E-05	1.6E-01	8.2E-03	3.2E-08
118	9.73985	0.04	3.6E-08	8.2E-03	3.5E-04	2.8E-05	1.6E-01	8.2E-03	3.6E-08
119	4.68774	0.02	1.7E-08	8.2E-03	3.5E-04	1.3E-05	1.6E-01	8.2E-03	1.7E-08
120	3.4782	0.01	1.3E-08	8.2E-03	3.5E-04	9.8E-06	1.6E-01	8.2E-03	1.3E-08
121	2.62152	0.01	9.6E-09	8.2E-03	3.5E-04	7.4E-06	1.6E-01	8.2E-03	9.6E-09
122	2.02405	0.01	7.4E-09	8.2E-03	3.5E-04	5.7E-06	1.6E-01	8.2E-03	7.4E-09
123	1.58732	0.01	5.8E-09	8.2E-03	3.5E-04	4.5E-06	1.6E-01	8.2E-03	5.8E-09
124	1.2641	0.00	4.6E-09	8.2E-03	3.5E-04	3.6E-06	1.6E-01	8.2E-03	4.6E-09
125	1.02761	0.00	3.7E-09	8.2E-03	3.5E-04	2.9E-06	1.6E-01	8.2E-03	3.7E-09
126	0.48155	0.00	1.8E-09	8.2E-03	3.5E-04	1.4E-06	1.6E-01	8.2E-03	1.8E-09
127	0.62836	0.00	2.3E-09	8.2E-03	3.5E-04	1.8E-06	1.6E-01	8.2E-03	2.3E-09
128	0.85104	0.00	3.1E-09	8.2E-03	3.5E-04	2.4E-06	1.6E-01	8.2E-03	3.1E-09

MUIR School Project

Risk From P1SP - Unmitigated Residential

	Max	0.06					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
129	1.20198	0.00	4.4E-09	8.2E-03	3.5E-04	3.4E-06	1.6E-01	8.2E-03	4.4E-09
130	1.92199	0.01	7.0E-09	8.2E-03	3.5E-04	5.4E-06	1.6E-01	8.2E-03	7.0E-09
131	4.00928	0.01	1.5E-08	8.2E-03	3.5E-04	1.1E-05	1.6E-01	8.2E-03	1.5E-08
132	15.45	0.06	5.6E-08	8.2E-03	3.5E-04	4.4E-05	1.6E-01	8.2E-03	5.6E-08
133	6.73	0.02	2.5E-08	8.2E-03	3.5E-04	1.9E-05	1.6E-01	8.2E-03	2.5E-08
134	4.50342	0.02	1.6E-08	8.2E-03	3.5E-04	1.3E-05	1.6E-01	8.2E-03	1.6E-08
135	3.14887	0.01	1.1E-08	8.2E-03	3.5E-04	8.9E-06	1.6E-01	8.2E-03	1.1E-08
136	2.29929	0.01	8.4E-09	8.2E-03	3.5E-04	6.5E-06	1.6E-01	8.2E-03	8.4E-09
137	1.73071	0.01	6.3E-09	8.2E-03	3.5E-04	4.9E-06	1.6E-01	8.2E-03	6.3E-09
138	1.3476	0.00	4.9E-09	8.2E-03	3.5E-04	3.8E-06	1.6E-01	8.2E-03	4.9E-09
139	1.07569	0.00	3.9E-09	8.2E-03	3.5E-04	3.0E-06	1.6E-01	8.2E-03	3.9E-09
140	0.4943	0.00	1.8E-09	8.2E-03	3.5E-04	1.4E-06	1.6E-01	8.2E-03	1.8E-09
141	0.64623	0.00	2.4E-09	8.2E-03	3.5E-04	1.8E-06	1.6E-01	8.2E-03	2.4E-09
142	0.87855	0.00	3.2E-09	8.2E-03	3.5E-04	2.5E-06	1.6E-01	8.2E-03	3.2E-09
143	1.26133	0.00	4.6E-09	8.2E-03	3.5E-04	3.6E-06	1.6E-01	8.2E-03	4.6E-09
144	2.0261	0.01	7.4E-09	8.2E-03	3.5E-04	5.7E-06	1.6E-01	8.2E-03	7.4E-09
145	8.83488	0.03	3.2E-08	8.2E-03	3.5E-04	2.5E-05	1.6E-01	8.2E-03	3.2E-08
146	5.25775	0.02	1.9E-08	8.2E-03	3.5E-04	1.5E-05	1.6E-01	8.2E-03	1.9E-08
147	3.52146	0.01	1.3E-08	8.2E-03	3.5E-04	9.9E-06	1.6E-01	8.2E-03	1.3E-08
148	2.47715	0.01	9.0E-09	8.2E-03	3.5E-04	7.0E-06	1.6E-01	8.2E-03	9.0E-09
149	1.82802	0.01	6.7E-09	8.2E-03	3.5E-04	5.2E-06	1.6E-01	8.2E-03	6.7E-09
150	1.40005	0.01	5.1E-09	8.2E-03	3.5E-04	4.0E-06	1.6E-01	8.2E-03	5.1E-09
151	1.11496	0.00	4.1E-09	8.2E-03	3.5E-04	3.1E-06	1.6E-01	8.2E-03	4.1E-09
152	0.85915	0.00	3.1E-09	8.2E-03	3.5E-04	2.4E-06	1.6E-01	8.2E-03	3.1E-09
153	1.22122	0.00	4.5E-09	8.2E-03	3.5E-04	3.4E-06	1.6E-01	8.2E-03	4.5E-09
154	1.83045	0.01	6.7E-09	8.2E-03	3.5E-04	5.2E-06	1.6E-01	8.2E-03	6.7E-09
155	5.56842	0.02	2.0E-08	8.2E-03	3.5E-04	1.6E-05	1.6E-01	8.2E-03	2.0E-08
156	3.62814	0.01	1.3E-08	8.2E-03	3.5E-04	1.0E-05	1.6E-01	8.2E-03	1.3E-08
157	2.5352	0.01	9.2E-09	8.2E-03	3.5E-04	7.2E-06	1.6E-01	8.2E-03	9.2E-09
158	1.85951	0.01	6.8E-09	8.2E-03	3.5E-04	5.3E-06	1.6E-01	8.2E-03	6.8E-09
159	1.4296	0.01	5.2E-09	8.2E-03	3.5E-04	4.0E-06	1.6E-01	8.2E-03	5.2E-09
160	1.13082	0.00	4.1E-09	8.2E-03	3.5E-04	3.2E-06	1.6E-01	8.2E-03	4.1E-09
161	0.61046	0.00	2.2E-09	8.2E-03	3.5E-04	1.7E-06	1.6E-01	8.2E-03	2.2E-09
162	0.8028	0.00	2.9E-09	8.2E-03	3.5E-04	2.3E-06	1.6E-01	8.2E-03	2.9E-09
163	1.11175	0.00	4.1E-09	8.2E-03	3.5E-04	3.1E-06	1.6E-01	8.2E-03	4.1E-09
164	1.59756	0.01	5.8E-09	8.2E-03	3.5E-04	4.5E-06	1.6E-01	8.2E-03	5.8E-09
165	2.47391	0.01	9.0E-09	8.2E-03	3.5E-04	7.0E-06	1.6E-01	8.2E-03	9.0E-09
166	5.04491	0.02	1.8E-08	8.2E-03	3.5E-04	1.4E-05	1.6E-01	8.2E-03	1.8E-08
167	3.42804	0.01	1.3E-08	8.2E-03	3.5E-04	9.7E-06	1.6E-01	8.2E-03	1.3E-08
168	2.45873	0.01	9.0E-09	8.2E-03	3.5E-04	6.9E-06	1.6E-01	8.2E-03	9.0E-09
169	1.83849	0.01	6.7E-09	8.2E-03	3.5E-04	5.2E-06	1.6E-01	8.2E-03	6.7E-09
170	1.43338	0.01	5.2E-09	8.2E-03	3.5E-04	4.0E-06	1.6E-01	8.2E-03	5.2E-09
171	1.13144	0.00	4.1E-09	8.2E-03	3.5E-04	3.2E-06	1.6E-01	8.2E-03	4.1E-09

MUIR School Project

Risk From P1SP - Unmitigated Residential

	Max	0.06					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
172	0.56599	0.00	2.1E-09	8.2E-03	3.5E-04	1.6E-06	1.6E-01	8.2E-03	2.1E-09
173	0.73173	0.00	2.7E-09	8.2E-03	3.5E-04	2.1E-06	1.6E-01	8.2E-03	2.7E-09
174	0.98014	0.00	3.6E-09	8.2E-03	3.5E-04	2.8E-06	1.6E-01	8.2E-03	3.6E-09
175	1.34104	0.00	4.9E-09	8.2E-03	3.5E-04	3.8E-06	1.6E-01	8.2E-03	4.9E-09
176	1.91638	0.01	7.0E-09	8.2E-03	3.5E-04	5.4E-06	1.6E-01	8.2E-03	7.0E-09
177	7.67249	0.03	2.8E-08	8.2E-03	3.5E-04	2.2E-05	1.6E-01	8.2E-03	2.8E-08
178	5.55591	0.02	2.0E-08	8.2E-03	3.5E-04	1.6E-05	1.6E-01	8.2E-03	2.0E-08
179	4.02195	0.01	1.5E-08	8.2E-03	3.5E-04	1.1E-05	1.6E-01	8.2E-03	1.5E-08
180	2.96909	0.01	1.1E-08	8.2E-03	3.5E-04	8.4E-06	1.6E-01	8.2E-03	1.1E-08
181	2.24295	0.01	8.2E-09	8.2E-03	3.5E-04	6.3E-06	1.6E-01	8.2E-03	8.2E-09
182	1.74833	0.01	6.4E-09	8.2E-03	3.5E-04	4.9E-06	1.6E-01	8.2E-03	6.4E-09
183	1.38812	0.01	5.1E-09	8.2E-03	3.5E-04	3.9E-06	1.6E-01	8.2E-03	5.1E-09
184	1.11248	0.00	4.1E-09	8.2E-03	3.5E-04	3.1E-06	1.6E-01	8.2E-03	4.1E-09
185	1.09296	0.00	4.0E-09	8.2E-03	3.5E-04	3.1E-06	1.6E-01	8.2E-03	4.0E-09
186	1.47467	0.01	5.4E-09	8.2E-03	3.5E-04	4.2E-06	1.6E-01	8.2E-03	5.4E-09
187	2.02253	0.01	7.4E-09	8.2E-03	3.5E-04	5.7E-06	1.6E-01	8.2E-03	7.4E-09
188	3.82427	0.01	1.4E-08	8.2E-03	3.5E-04	1.1E-05	1.6E-01	8.2E-03	1.4E-08
189	4.34641	0.02	1.6E-08	8.2E-03	3.5E-04	1.2E-05	1.6E-01	8.2E-03	1.6E-08
190	4.14842	0.02	1.5E-08	8.2E-03	3.5E-04	1.2E-05	1.6E-01	8.2E-03	1.5E-08
191	3.57403	0.01	1.3E-08	8.2E-03	3.5E-04	1.0E-05	1.6E-01	8.2E-03	1.3E-08
192	2.93068	0.01	1.1E-08	8.2E-03	3.5E-04	8.3E-06	1.6E-01	8.2E-03	1.1E-08
193	2.36792	0.01	8.6E-09	8.2E-03	3.5E-04	6.7E-06	1.6E-01	8.2E-03	8.6E-09
194	1.91199	0.01	7.0E-09	8.2E-03	3.5E-04	5.4E-06	1.6E-01	8.2E-03	7.0E-09
195	1.5612	0.01	5.7E-09	8.2E-03	3.5E-04	4.4E-06	1.6E-01	8.2E-03	5.7E-09
196	1.28114	0.00	4.7E-09	8.2E-03	3.5E-04	3.6E-06	1.6E-01	8.2E-03	4.7E-09
197	1.05832	0.00	3.9E-09	8.2E-03	3.5E-04	3.0E-06	1.6E-01	8.2E-03	3.9E-09
198	0.70577	0.00	2.6E-09	8.2E-03	3.5E-04	2.0E-06	1.6E-01	8.2E-03	2.6E-09
199	0.88084	0.00	3.2E-09	8.2E-03	3.5E-04	2.5E-06	1.6E-01	8.2E-03	3.2E-09
200	1.11538	0.00	4.1E-09	8.2E-03	3.5E-04	3.2E-06	1.6E-01	8.2E-03	4.1E-09
201	1.40381	0.01	5.1E-09	8.2E-03	3.5E-04	4.0E-06	1.6E-01	8.2E-03	5.1E-09
202	1.78136	0.01	6.5E-09	8.2E-03	3.5E-04	5.0E-06	1.6E-01	8.2E-03	6.5E-09
203	2.16391	0.01	7.9E-09	8.2E-03	3.5E-04	6.1E-06	1.6E-01	8.2E-03	7.9E-09
204	2.44533	0.01	8.9E-09	8.2E-03	3.5E-04	6.9E-06	1.6E-01	8.2E-03	8.9E-09
205	2.47589	0.01	9.0E-09	8.2E-03	3.5E-04	7.0E-06	1.6E-01	8.2E-03	9.0E-09
206	2.3044	0.01	8.4E-09	8.2E-03	3.5E-04	6.5E-06	1.6E-01	8.2E-03	8.4E-09
207	2.06284	0.01	7.5E-09	8.2E-03	3.5E-04	5.8E-06	1.6E-01	8.2E-03	7.5E-09
208	1.79692	0.01	6.6E-09	8.2E-03	3.5E-04	5.1E-06	1.6E-01	8.2E-03	6.6E-09
209	1.52636	0.01	5.6E-09	8.2E-03	3.5E-04	4.3E-06	1.6E-01	8.2E-03	5.6E-09
210	1.3157	0.00	4.8E-09	8.2E-03	3.5E-04	3.7E-06	1.6E-01	8.2E-03	4.8E-09
211	1.12709	0.00	4.1E-09	8.2E-03	3.5E-04	3.2E-06	1.6E-01	8.2E-03	4.1E-09
212	0.95992	0.00	3.5E-09	8.2E-03	3.5E-04	2.7E-06	1.6E-01	8.2E-03	3.5E-09
213	0.59347	0.00	2.2E-09	8.2E-03	3.5E-04	1.7E-06	1.6E-01	8.2E-03	2.2E-09
214	0.71394	0.00	2.6E-09	8.2E-03	3.5E-04	2.0E-06	1.6E-01	8.2E-03	2.6E-09

MUIR School Project

Risk From P1SP - Unmitigated Residential

	Max	0.06					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
215	0.85374	0.00	3.1E-09	8.2E-03	3.5E-04	2.4E-06	1.6E-01	8.2E-03	3.1E-09
216	1.03075	0.00	3.8E-09	8.2E-03	3.5E-04	2.9E-06	1.6E-01	8.2E-03	3.8E-09
217	1.228	0.00	4.5E-09	8.2E-03	3.5E-04	3.5E-06	1.6E-01	8.2E-03	4.5E-09
218	1.43113	0.01	5.2E-09	8.2E-03	3.5E-04	4.0E-06	1.6E-01	8.2E-03	5.2E-09
219	1.5608	0.01	5.7E-09	8.2E-03	3.5E-04	4.4E-06	1.6E-01	8.2E-03	5.7E-09
220	1.61515	0.01	5.9E-09	8.2E-03	3.5E-04	4.6E-06	1.6E-01	8.2E-03	5.9E-09
221	1.57459	0.01	5.7E-09	8.2E-03	3.5E-04	4.4E-06	1.6E-01	8.2E-03	5.7E-09
222	1.46946	0.01	5.4E-09	8.2E-03	3.5E-04	4.2E-06	1.6E-01	8.2E-03	5.4E-09
223	1.32761	0.00	4.8E-09	8.2E-03	3.5E-04	3.7E-06	1.6E-01	8.2E-03	4.8E-09
224	1.21357	0.00	4.4E-09	8.2E-03	3.5E-04	3.4E-06	1.6E-01	8.2E-03	4.4E-09
225	1.0657	0.00	3.9E-09	8.2E-03	3.5E-04	3.0E-06	1.6E-01	8.2E-03	3.9E-09
226	0.93441	0.00	3.4E-09	8.2E-03	3.5E-04	2.6E-06	1.6E-01	8.2E-03	3.4E-09
227	0.83438	0.00	3.0E-09	8.2E-03	3.5E-04	2.4E-06	1.6E-01	8.2E-03	3.0E-09
228	0.57842	0.00	2.1E-09	8.2E-03	3.5E-04	1.6E-06	1.6E-01	8.2E-03	2.1E-09
229	0.67649	0.00	2.5E-09	8.2E-03	3.5E-04	1.9E-06	1.6E-01	8.2E-03	2.5E-09
230	0.78507	0.00	2.9E-09	8.2E-03	3.5E-04	2.2E-06	1.6E-01	8.2E-03	2.9E-09
231	0.90433	0.00	3.3E-09	8.2E-03	3.5E-04	2.6E-06	1.6E-01	8.2E-03	3.3E-09
232	1.01552	0.00	3.7E-09	8.2E-03	3.5E-04	2.9E-06	1.6E-01	8.2E-03	3.7E-09
233	1.10778	0.00	4.0E-09	8.2E-03	3.5E-04	3.1E-06	1.6E-01	8.2E-03	4.0E-09
234	1.14436	0.00	4.2E-09	8.2E-03	3.5E-04	3.2E-06	1.6E-01	8.2E-03	4.2E-09
235	1.11388	0.00	4.1E-09	8.2E-03	3.5E-04	3.1E-06	1.6E-01	8.2E-03	4.1E-09
236	1.08598	0.00	4.0E-09	8.2E-03	3.5E-04	3.1E-06	1.6E-01	8.2E-03	4.0E-09
237	1.00434	0.00	3.7E-09	8.2E-03	3.5E-04	2.8E-06	1.6E-01	8.2E-03	3.7E-09
238	0.89048	0.00	3.2E-09	8.2E-03	3.5E-04	2.5E-06	1.6E-01	8.2E-03	3.2E-09
239	0.83229	0.00	3.0E-09	8.2E-03	3.5E-04	2.4E-06	1.6E-01	8.2E-03	3.0E-09
240	0.76658	0.00	2.8E-09	8.2E-03	3.5E-04	2.2E-06	1.6E-01	8.2E-03	2.8E-09
241	0.70302	0.00	2.6E-09	8.2E-03	3.5E-04	2.0E-06	1.6E-01	8.2E-03	2.6E-09
242	0.36447	0.00	1.3E-09	8.2E-03	3.5E-04	1.0E-06	1.6E-01	8.2E-03	1.3E-09
243	0.41823	0.00	1.5E-09	8.2E-03	3.5E-04	1.2E-06	1.6E-01	8.2E-03	1.5E-09
244	0.47794	0.00	1.7E-09	8.2E-03	3.5E-04	1.3E-06	1.6E-01	8.2E-03	1.7E-09
245	0.54635	0.00	2.0E-09	8.2E-03	3.5E-04	1.5E-06	1.6E-01	8.2E-03	2.0E-09
246	0.61923	0.00	2.3E-09	8.2E-03	3.5E-04	1.7E-06	1.6E-01	8.2E-03	2.3E-09
247	0.69339	0.00	2.5E-09	8.2E-03	3.5E-04	2.0E-06	1.6E-01	8.2E-03	2.5E-09
248	0.77015	0.00	2.8E-09	8.2E-03	3.5E-04	2.2E-06	1.6E-01	8.2E-03	2.8E-09
249	0.82339	0.00	3.0E-09	8.2E-03	3.5E-04	2.3E-06	1.6E-01	8.2E-03	3.0E-09
250	0.85263	0.00	3.1E-09	8.2E-03	3.5E-04	2.4E-06	1.6E-01	8.2E-03	3.1E-09
251	0.85237	0.00	3.1E-09	8.2E-03	3.5E-04	2.4E-06	1.6E-01	8.2E-03	3.1E-09
252	0.76969	0.00	2.8E-09	8.2E-03	3.5E-04	2.2E-06	1.6E-01	8.2E-03	2.8E-09
253	0.73469	0.00	2.7E-09	8.2E-03	3.5E-04	2.1E-06	1.6E-01	8.2E-03	2.7E-09
254	0.69257	0.00	2.5E-09	8.2E-03	3.5E-04	2.0E-06	1.6E-01	8.2E-03	2.5E-09
255	0.65645	0.00	2.4E-09	8.2E-03	3.5E-04	1.9E-06	1.6E-01	8.2E-03	2.4E-09
256	0.6202	0.00	2.3E-09	8.2E-03	3.5E-04	1.8E-06	1.6E-01	8.2E-03	2.3E-09
257	0.58138	0.00	2.1E-09	8.2E-03	3.5E-04	1.6E-06	1.6E-01	8.2E-03	2.1E-09

MUIR School Project

Risk From P1SP - Unmitigated Residential

	Max	0.06					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
258	0.31897	0.00	1.2E-09	8.2E-03	3.5E-04	9.0E-07	1.6E-01	8.2E-03	1.2E-09
259	0.35658	0.00	1.3E-09	8.2E-03	3.5E-04	1.0E-06	1.6E-01	8.2E-03	1.3E-09
260	0.45479	0.00	1.7E-09	8.2E-03	3.5E-04	1.3E-06	1.6E-01	8.2E-03	1.7E-09
261	0.50132	0.00	1.8E-09	8.2E-03	3.5E-04	1.4E-06	1.6E-01	8.2E-03	1.8E-09
262	0.5553	0.00	2.0E-09	8.2E-03	3.5E-04	1.6E-06	1.6E-01	8.2E-03	2.0E-09
263	0.588	0.00	2.1E-09	8.2E-03	3.5E-04	1.7E-06	1.6E-01	8.2E-03	2.1E-09
264	0.6418	0.00	2.3E-09	8.2E-03	3.5E-04	1.8E-06	1.6E-01	8.2E-03	2.3E-09
265	0.62366	0.00	2.3E-09	8.2E-03	3.5E-04	1.8E-06	1.6E-01	8.2E-03	2.3E-09
266	0.63894	0.00	2.3E-09	8.2E-03	3.5E-04	1.8E-06	1.6E-01	8.2E-03	2.3E-09
267	0.64916	0.00	2.4E-09	8.2E-03	3.5E-04	1.8E-06	1.6E-01	8.2E-03	2.4E-09
268	0.58084	0.00	2.1E-09	8.2E-03	3.5E-04	1.6E-06	1.6E-01	8.2E-03	2.1E-09
269	0.55216	0.00	2.0E-09	8.2E-03	3.5E-04	1.6E-06	1.6E-01	8.2E-03	2.0E-09
270	0.52408	0.00	1.9E-09	8.2E-03	3.5E-04	1.5E-06	1.6E-01	8.2E-03	1.9E-09
271	0.50624	0.00	1.8E-09	8.2E-03	3.5E-04	1.4E-06	1.6E-01	8.2E-03	1.8E-09
272	0.48186	0.00	1.8E-09	8.2E-03	3.5E-04	1.4E-06	1.6E-01	8.2E-03	1.8E-09
273	0.41418	0.00	1.5E-09	8.2E-03	3.5E-04	1.2E-06	1.6E-01	8.2E-03	1.5E-09
274	0.45215	0.00	1.6E-09	8.2E-03	3.5E-04	1.3E-06	1.6E-01	8.2E-03	1.6E-09
275	0.48321	0.00	1.8E-09	8.2E-03	3.5E-04	1.4E-06	1.6E-01	8.2E-03	1.8E-09
276	0.51334	0.00	1.9E-09	8.2E-03	3.5E-04	1.4E-06	1.6E-01	8.2E-03	1.9E-09
277	0.49995	0.00	1.8E-09	8.2E-03	3.5E-04	1.4E-06	1.6E-01	8.2E-03	1.8E-09
278	0.51529	0.00	1.9E-09	8.2E-03	3.5E-04	1.5E-06	1.6E-01	8.2E-03	1.9E-09
279	0.5323	0.00	1.9E-09	8.2E-03	3.5E-04	1.5E-06	1.6E-01	8.2E-03	1.9E-09
280	0.4651	0.00	1.7E-09	8.2E-03	3.5E-04	1.3E-06	1.6E-01	8.2E-03	1.7E-09
281	0.44938	0.00	1.6E-09	8.2E-03	3.5E-04	1.3E-06	1.6E-01	8.2E-03	1.6E-09
282	0.43046	0.00	1.6E-09	8.2E-03	3.5E-04	1.2E-06	1.6E-01	8.2E-03	1.6E-09
283	0.39803	0.00	1.5E-09	8.2E-03	3.5E-04	1.1E-06	1.6E-01	8.2E-03	1.5E-09
284	0.3932	0.00	1.4E-09	8.2E-03	3.5E-04	1.1E-06	1.6E-01	8.2E-03	1.4E-09

Risk From P1G - Unmitigated Residential

MUIR School Project

Risk From P1G - Unmitigated Residential

Max 0.24

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.24008	0.00	2.2E-09	1.0E-02	3.5E-04	8.6E-07	1.6E-01	1.6E-02	2.2E-09
44	0.2756	0.00	2.6E-09	1.0E-02	3.5E-04	9.9E-07	1.6E-01	1.6E-02	2.6E-09
45	0.31832	0.00	3.0E-09	1.0E-02	3.5E-04	1.1E-06	1.6E-01	1.6E-02	3.0E-09
46	0.37008	0.00	3.4E-09	1.0E-02	3.5E-04	1.3E-06	1.6E-01	1.6E-02	3.4E-09
47	0.43097	0.00	4.0E-09	1.0E-02	3.5E-04	1.6E-06	1.6E-01	1.6E-02	4.0E-09
48	0.50084	0.00	4.7E-09	1.0E-02	3.5E-04	1.8E-06	1.6E-01	1.6E-02	4.7E-09
49	0.57868	0.01	5.4E-09	1.0E-02	3.5E-04	2.1E-06	1.6E-01	1.6E-02	5.4E-09
50	0.65958	0.01	6.1E-09	1.0E-02	3.5E-04	2.4E-06	1.6E-01	1.6E-02	6.1E-09
51	0.73977	0.01	6.9E-09	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.6E-02	6.9E-09
52	0.81366	0.01	7.6E-09	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.6E-02	7.6E-09
53	0.87757	0.01	8.2E-09	1.0E-02	3.5E-04	3.2E-06	1.6E-01	1.6E-02	8.2E-09
54	0.92333	0.01	8.6E-09	1.0E-02	3.5E-04	3.3E-06	1.6E-01	1.6E-02	8.6E-09
55	0.90419	0.01	8.4E-09	1.0E-02	3.5E-04	3.3E-06	1.6E-01	1.6E-02	8.4E-09
56	0.86139	0.01	8.0E-09	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.6E-02	8.0E-09
57	0.80253	0.01	7.5E-09	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.6E-02	7.5E-09
58	0.73798	0.01	6.9E-09	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.6E-02	6.9E-09
59	0.67234	0.01	6.3E-09	1.0E-02	3.5E-04	2.4E-06	1.6E-01	1.6E-02	6.3E-09
60	0.60906	0.01	5.7E-09	1.0E-02	3.5E-04	2.2E-06	1.6E-01	1.6E-02	5.7E-09
61	0.30345	0.00	2.8E-09	1.0E-02	3.5E-04	1.1E-06	1.6E-01	1.6E-02	2.8E-09
62	0.35862	0.00	3.3E-09	1.0E-02	3.5E-04	1.3E-06	1.6E-01	1.6E-02	3.3E-09
63	0.42631	0.00	4.0E-09	1.0E-02	3.5E-04	1.5E-06	1.6E-01	1.6E-02	4.0E-09
64	0.51034	0.00	4.7E-09	1.0E-02	3.5E-04	1.8E-06	1.6E-01	1.6E-02	4.7E-09
65	0.61254	0.01	5.7E-09	1.0E-02	3.5E-04	2.2E-06	1.6E-01	1.6E-02	5.7E-09
66	0.73508	0.01	6.8E-09	1.0E-02	3.5E-04	2.6E-06	1.6E-01	1.6E-02	6.8E-09
67	0.87307	0.01	8.1E-09	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.6E-02	8.1E-09
68	1.01396	0.01	9.4E-09	1.0E-02	3.5E-04	3.6E-06	1.6E-01	1.6E-02	9.4E-09
69	1.14467	0.01	1.1E-08	1.0E-02	3.5E-04	4.1E-06	1.6E-01	1.6E-02	1.1E-08
70	1.25304	0.01	1.2E-08	1.0E-02	3.5E-04	4.5E-06	1.6E-01	1.6E-02	1.2E-08
71	1.3202	0.01	1.2E-08	1.0E-02	3.5E-04	4.8E-06	1.6E-01	1.6E-02	1.2E-08
72	0.99999	0.01	9.3E-09	1.0E-02	3.5E-04	3.6E-06	1.6E-01	1.6E-02	9.3E-09
73	0.89278	0.01	8.3E-09	1.0E-02	3.5E-04	3.2E-06	1.6E-01	1.6E-02	8.3E-09
74	0.7929	0.01	7.4E-09	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.6E-02	7.4E-09
75	0.70215	0.01	6.5E-09	1.0E-02	3.5E-04	2.5E-06	1.6E-01	1.6E-02	6.5E-09
76	0.29868	0.00	2.8E-09	1.0E-02	3.5E-04	1.1E-06	1.6E-01	1.6E-02	2.8E-09
77	0.37224	0.00	3.5E-09	1.0E-02	3.5E-04	1.3E-06	1.6E-01	1.6E-02	3.5E-09
78	0.46889	0.00	4.4E-09	1.0E-02	3.5E-04	1.7E-06	1.6E-01	1.6E-02	4.4E-09
79	0.60547	0.01	5.6E-09	1.0E-02	3.5E-04	2.2E-06	1.6E-01	1.6E-02	5.6E-09
80	0.75927	0.01	7.1E-09	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.6E-02	7.1E-09
81	0.95678	0.01	8.9E-09	1.0E-02	3.5E-04	3.4E-06	1.6E-01	1.6E-02	8.9E-09
82	1.20598	0.01	1.1E-08	1.0E-02	3.5E-04	4.3E-06	1.6E-01	1.6E-02	1.1E-08
83	1.48233	0.01	1.4E-08	1.0E-02	3.5E-04	5.3E-06	1.6E-01	1.6E-02	1.4E-08
84	1.7498	0.02	1.6E-08	1.0E-02	3.5E-04	6.3E-06	1.6E-01	1.6E-02	1.6E-08
85	1.95433	0.02	1.8E-08	1.0E-02	3.5E-04	7.0E-06	1.6E-01	1.6E-02	1.8E-08

MUIR School Project

Risk From P1G - Unmitigated Residential

	Max	0.24					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
86	2.04047	0.02	1.9E-08	1.0E-02	3.5E-04	7.3E-06	1.6E-01	1.6E-02	1.9E-08
87	1.2379	0.01	1.2E-08	1.0E-02	3.5E-04	4.5E-06	1.6E-01	1.6E-02	1.2E-08
88	1.0683	0.01	9.9E-09	1.0E-02	3.5E-04	3.8E-06	1.6E-01	1.6E-02	9.9E-09
89	0.92178	0.01	8.6E-09	1.0E-02	3.5E-04	3.3E-06	1.6E-01	1.6E-02	8.6E-09
90	0.79601	0.01	7.4E-09	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.6E-02	7.4E-09
91	0.68847	0.01	6.4E-09	1.0E-02	3.5E-04	2.5E-06	1.6E-01	1.6E-02	6.4E-09
92	0.35301	0.00	3.3E-09	1.0E-02	3.5E-04	1.3E-06	1.6E-01	1.6E-02	3.3E-09
93	0.43633	0.00	4.1E-09	1.0E-02	3.5E-04	1.6E-06	1.6E-01	1.6E-02	4.1E-09
94	0.54147	0.01	5.0E-09	1.0E-02	3.5E-04	1.9E-06	1.6E-01	1.6E-02	5.0E-09
95	0.71226	0.01	6.6E-09	1.0E-02	3.5E-04	2.6E-06	1.6E-01	1.6E-02	6.6E-09
96	0.93957	0.01	8.7E-09	1.0E-02	3.5E-04	3.4E-06	1.6E-01	1.6E-02	8.7E-09
97	1.2615	0.01	1.2E-08	1.0E-02	3.5E-04	4.5E-06	1.6E-01	1.6E-02	1.2E-08
98	1.75082	0.02	1.6E-08	1.0E-02	3.5E-04	6.3E-06	1.6E-01	1.6E-02	1.6E-08
99	2.37862	0.02	2.2E-08	1.0E-02	3.5E-04	8.6E-06	1.6E-01	1.6E-02	2.2E-08
100	3.05932	0.03	2.8E-08	1.0E-02	3.5E-04	1.1E-05	1.6E-01	1.6E-02	2.8E-08
101	3.51568	0.03	3.3E-08	1.0E-02	3.5E-04	1.3E-05	1.6E-01	1.6E-02	3.3E-08
102	3.54202	0.03	3.3E-08	1.0E-02	3.5E-04	1.3E-05	1.6E-01	1.6E-02	3.3E-08
103	2.20857	0.02	2.1E-08	1.0E-02	3.5E-04	7.9E-06	1.6E-01	1.6E-02	2.1E-08
104	1.50675	0.01	1.4E-08	1.0E-02	3.5E-04	5.4E-06	1.6E-01	1.6E-02	1.4E-08
105	1.25274	0.01	1.2E-08	1.0E-02	3.5E-04	4.5E-06	1.6E-01	1.6E-02	1.2E-08
106	1.04871	0.01	9.7E-09	1.0E-02	3.5E-04	3.8E-06	1.6E-01	1.6E-02	9.7E-09
107	0.88139	0.01	8.2E-09	1.0E-02	3.5E-04	3.2E-06	1.6E-01	1.6E-02	8.2E-09
108	0.74715	0.01	6.9E-09	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.6E-02	6.9E-09
109	0.47334	0.00	4.4E-09	1.0E-02	3.5E-04	1.7E-06	1.6E-01	1.6E-02	4.4E-09
110	0.60793	0.01	5.7E-09	1.0E-02	3.5E-04	2.2E-06	1.6E-01	1.6E-02	5.7E-09
111	0.82191	0.01	7.6E-09	1.0E-02	3.5E-04	3.0E-06	1.6E-01	1.6E-02	7.6E-09
112	1.14413	0.01	1.1E-08	1.0E-02	3.5E-04	4.1E-06	1.6E-01	1.6E-02	1.1E-08
113	1.65987	0.02	1.5E-08	1.0E-02	3.5E-04	6.0E-06	1.6E-01	1.6E-02	1.5E-08
114	2.66004	0.02	2.5E-08	1.0E-02	3.5E-04	9.6E-06	1.6E-01	1.6E-02	2.5E-08
115	4.33208	0.04	4.0E-08	1.0E-02	3.5E-04	1.6E-05	1.6E-01	1.6E-02	4.0E-08
116	6.83409	0.06	6.4E-08	1.0E-02	3.5E-04	2.5E-05	1.6E-01	1.6E-02	6.4E-08
117	8.74366	0.08	8.1E-08	1.0E-02	3.5E-04	3.1E-05	1.6E-01	1.6E-02	8.1E-08
118	7.26075	0.07	6.8E-08	1.0E-02	3.5E-04	2.6E-05	1.6E-01	1.6E-02	6.8E-08
119	2.90919	0.03	2.7E-08	1.0E-02	3.5E-04	1.0E-05	1.6E-01	1.6E-02	2.7E-08
120	2.25786	0.02	2.1E-08	1.0E-02	3.5E-04	8.1E-06	1.6E-01	1.6E-02	2.1E-08
121	1.78064	0.02	1.7E-08	1.0E-02	3.5E-04	6.4E-06	1.6E-01	1.6E-02	1.7E-08
122	1.43003	0.01	1.3E-08	1.0E-02	3.5E-04	5.1E-06	1.6E-01	1.6E-02	1.3E-08
123	1.16099	0.01	1.1E-08	1.0E-02	3.5E-04	4.2E-06	1.6E-01	1.6E-02	1.1E-08
124	0.95309	0.01	8.9E-09	1.0E-02	3.5E-04	3.4E-06	1.6E-01	1.6E-02	8.9E-09
125	0.79348	0.01	7.4E-09	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.6E-02	7.4E-09
126	0.66242	0.01	6.2E-09	1.0E-02	3.5E-04	2.4E-06	1.6E-01	1.6E-02	6.2E-09
127	0.91398	0.01	8.5E-09	1.0E-02	3.5E-04	3.3E-06	1.6E-01	1.6E-02	8.5E-09
128	1.33363	0.01	1.2E-08	1.0E-02	3.5E-04	4.8E-06	1.6E-01	1.6E-02	1.2E-08

MUIR School Project

Risk From P1G - Unmitigated Residential

	Max	0.24					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
129	2.07755	0.02	1.9E-08	1.0E-02	3.5E-04	7.5E-06	1.6E-01	1.6E-02	1.9E-08
130	3.90569	0.04	3.6E-08	1.0E-02	3.5E-04	1.4E-05	1.6E-01	1.6E-02	3.6E-08
131	10.02363	0.09	9.3E-08	1.0E-02	3.5E-04	3.6E-05	1.6E-01	1.6E-02	9.3E-08
132	25.58267	0.24	2.4E-07	1.0E-02	3.5E-04	9.2E-05	1.6E-01	1.6E-02	2.4E-07
133	3.67032	0.03	3.4E-08	1.0E-02	3.5E-04	1.3E-05	1.6E-01	1.6E-02	3.4E-08
134	2.70714	0.03	2.5E-08	1.0E-02	3.5E-04	9.7E-06	1.6E-01	1.6E-02	2.5E-08
135	2.04363	0.02	1.9E-08	1.0E-02	3.5E-04	7.4E-06	1.6E-01	1.6E-02	1.9E-08
136	1.58115	0.01	1.5E-08	1.0E-02	3.5E-04	5.7E-06	1.6E-01	1.6E-02	1.5E-08
137	1.24594	0.01	1.2E-08	1.0E-02	3.5E-04	4.5E-06	1.6E-01	1.6E-02	1.2E-08
138	1.00468	0.01	9.3E-09	1.0E-02	3.5E-04	3.6E-06	1.6E-01	1.6E-02	9.3E-09
139	0.82488	0.01	7.7E-09	1.0E-02	3.5E-04	3.0E-06	1.6E-01	1.6E-02	7.7E-09
140	0.69451	0.01	6.5E-09	1.0E-02	3.5E-04	2.5E-06	1.6E-01	1.6E-02	6.5E-09
141	0.969	0.01	9.0E-09	1.0E-02	3.5E-04	3.5E-06	1.6E-01	1.6E-02	9.0E-09
142	1.44368	0.01	1.3E-08	1.0E-02	3.5E-04	5.2E-06	1.6E-01	1.6E-02	1.3E-08
143	2.38746	0.02	2.2E-08	1.0E-02	3.5E-04	8.6E-06	1.6E-01	1.6E-02	2.2E-08
144	5.10909	0.05	4.7E-08	1.0E-02	3.5E-04	1.8E-05	1.6E-01	1.6E-02	4.7E-08
145	4.46795	0.04	4.2E-08	1.0E-02	3.5E-04	1.6E-05	1.6E-01	1.6E-02	4.2E-08
146	3.07252	0.03	2.9E-08	1.0E-02	3.5E-04	1.1E-05	1.6E-01	1.6E-02	2.9E-08
147	2.24492	0.02	2.1E-08	1.0E-02	3.5E-04	8.1E-06	1.6E-01	1.6E-02	2.1E-08
148	1.68658	0.02	1.6E-08	1.0E-02	3.5E-04	6.1E-06	1.6E-01	1.6E-02	1.6E-08
149	1.30745	0.01	1.2E-08	1.0E-02	3.5E-04	4.7E-06	1.6E-01	1.6E-02	1.2E-08
150	1.03956	0.01	9.7E-09	1.0E-02	3.5E-04	3.7E-06	1.6E-01	1.6E-02	9.7E-09
151	0.85839	0.01	8.0E-09	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.6E-02	8.0E-09
152	1.42203	0.01	1.3E-08	1.0E-02	3.5E-04	5.1E-06	1.6E-01	1.6E-02	1.3E-08
153	2.32042	0.02	2.2E-08	1.0E-02	3.5E-04	8.4E-06	1.6E-01	1.6E-02	2.2E-08
154	4.29442	0.04	4.0E-08	1.0E-02	3.5E-04	1.5E-05	1.6E-01	1.6E-02	4.0E-08
155	3.32144	0.03	3.1E-08	1.0E-02	3.5E-04	1.2E-05	1.6E-01	1.6E-02	3.1E-08
156	2.34656	0.02	2.2E-08	1.0E-02	3.5E-04	8.4E-06	1.6E-01	1.6E-02	2.2E-08
157	1.73882	0.02	1.6E-08	1.0E-02	3.5E-04	6.3E-06	1.6E-01	1.6E-02	1.6E-08
158	1.3376	0.01	1.2E-08	1.0E-02	3.5E-04	4.8E-06	1.6E-01	1.6E-02	1.2E-08
159	1.06479	0.01	9.9E-09	1.0E-02	3.5E-04	3.8E-06	1.6E-01	1.6E-02	9.9E-09
160	0.86771	0.01	8.1E-09	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.6E-02	8.1E-09
161	0.91179	0.01	8.5E-09	1.0E-02	3.5E-04	3.3E-06	1.6E-01	1.6E-02	8.5E-09
162	1.29245	0.01	1.2E-08	1.0E-02	3.5E-04	4.7E-06	1.6E-01	1.6E-02	1.2E-08
163	1.99061	0.02	1.9E-08	1.0E-02	3.5E-04	7.2E-06	1.6E-01	1.6E-02	1.9E-08
164	3.27773	0.03	3.0E-08	1.0E-02	3.5E-04	1.2E-05	1.6E-01	1.6E-02	3.0E-08
165	6.14414	0.06	5.7E-08	1.0E-02	3.5E-04	2.2E-05	1.6E-01	1.6E-02	5.7E-08
166	3.29355	0.03	3.1E-08	1.0E-02	3.5E-04	1.2E-05	1.6E-01	1.6E-02	3.1E-08
167	2.33153	0.02	2.2E-08	1.0E-02	3.5E-04	8.4E-06	1.6E-01	1.6E-02	2.2E-08
168	1.73732	0.02	1.6E-08	1.0E-02	3.5E-04	6.3E-06	1.6E-01	1.6E-02	1.6E-08
169	1.34316	0.01	1.2E-08	1.0E-02	3.5E-04	4.8E-06	1.6E-01	1.6E-02	1.2E-08
170	1.07724	0.01	1.0E-08	1.0E-02	3.5E-04	3.9E-06	1.6E-01	1.6E-02	1.0E-08
171	0.87132	0.01	8.1E-09	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.6E-02	8.1E-09

MUIR School Project

Risk From P1G - Unmitigated Residential

Max 0.24

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	0.82259	0.01	7.6E-09	1.0E-02	3.5E-04	3.0E-06	1.6E-01	1.6E-02	7.6E-09
173	1.12782	0.01	1.0E-08	1.0E-02	3.5E-04	4.1E-06	1.6E-01	1.6E-02	1.0E-08
174	1.62457	0.02	1.5E-08	1.0E-02	3.5E-04	5.8E-06	1.6E-01	1.6E-02	1.5E-08
175	2.40892	0.02	2.2E-08	1.0E-02	3.5E-04	8.7E-06	1.6E-01	1.6E-02	2.2E-08
176	3.7637	0.03	3.5E-08	1.0E-02	3.5E-04	1.4E-05	1.6E-01	1.6E-02	3.5E-08
177	6.29022	0.06	5.8E-08	1.0E-02	3.5E-04	2.3E-05	1.6E-01	1.6E-02	5.8E-08
178	4.24586	0.04	3.9E-08	1.0E-02	3.5E-04	1.5E-05	1.6E-01	1.6E-02	3.9E-08
179	2.99501	0.03	2.8E-08	1.0E-02	3.5E-04	1.1E-05	1.6E-01	1.6E-02	2.8E-08
180	2.2061	0.02	2.1E-08	1.0E-02	3.5E-04	7.9E-06	1.6E-01	1.6E-02	2.1E-08
181	1.68132	0.02	1.6E-08	1.0E-02	3.5E-04	6.1E-06	1.6E-01	1.6E-02	1.6E-08
182	1.33115	0.01	1.2E-08	1.0E-02	3.5E-04	4.8E-06	1.6E-01	1.6E-02	1.2E-08
183	1.07342	0.01	1.0E-08	1.0E-02	3.5E-04	3.9E-06	1.6E-01	1.6E-02	1.0E-08
184	0.87221	0.01	8.1E-09	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.6E-02	8.1E-09
185	1.7477	0.02	1.6E-08	1.0E-02	3.5E-04	6.3E-06	1.6E-01	1.6E-02	1.6E-08
186	2.44784	0.02	2.3E-08	1.0E-02	3.5E-04	8.8E-06	1.6E-01	1.6E-02	2.3E-08
187	3.38609	0.03	3.1E-08	1.0E-02	3.5E-04	1.2E-05	1.6E-01	1.6E-02	3.1E-08
188	5.03785	0.05	4.7E-08	1.0E-02	3.5E-04	1.8E-05	1.6E-01	1.6E-02	4.7E-08
189	4.77642	0.04	4.4E-08	1.0E-02	3.5E-04	1.7E-05	1.6E-01	1.6E-02	4.4E-08
190	4.01507	0.04	3.7E-08	1.0E-02	3.5E-04	1.4E-05	1.6E-01	1.6E-02	3.7E-08
191	3.17856	0.03	3.0E-08	1.0E-02	3.5E-04	1.1E-05	1.6E-01	1.6E-02	3.0E-08
192	2.48245	0.02	2.3E-08	1.0E-02	3.5E-04	8.9E-06	1.6E-01	1.6E-02	2.3E-08
193	1.94658	0.02	1.8E-08	1.0E-02	3.5E-04	7.0E-06	1.6E-01	1.6E-02	1.8E-08
194	1.54849	0.01	1.4E-08	1.0E-02	3.5E-04	5.6E-06	1.6E-01	1.6E-02	1.4E-08
195	1.26534	0.01	1.2E-08	1.0E-02	3.5E-04	4.6E-06	1.6E-01	1.6E-02	1.2E-08
196	1.03755	0.01	9.6E-09	1.0E-02	3.5E-04	3.7E-06	1.6E-01	1.6E-02	9.6E-09
197	0.85913	0.01	8.0E-09	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.6E-02	8.0E-09
198	1.00989	0.01	9.4E-09	1.0E-02	3.5E-04	3.6E-06	1.6E-01	1.6E-02	9.4E-09
199	1.28651	0.01	1.2E-08	1.0E-02	3.5E-04	4.6E-06	1.6E-01	1.6E-02	1.2E-08
200	1.64999	0.02	1.5E-08	1.0E-02	3.5E-04	5.9E-06	1.6E-01	1.6E-02	1.5E-08
201	2.06315	0.02	1.9E-08	1.0E-02	3.5E-04	7.4E-06	1.6E-01	1.6E-02	1.9E-08
202	2.49833	0.02	2.3E-08	1.0E-02	3.5E-04	9.0E-06	1.6E-01	1.6E-02	2.3E-08
203	2.74231	0.03	2.5E-08	1.0E-02	3.5E-04	9.9E-06	1.6E-01	1.6E-02	2.5E-08
204	2.77113	0.03	2.6E-08	1.0E-02	3.5E-04	1.0E-05	1.6E-01	1.6E-02	2.6E-08
205	2.57116	0.02	2.4E-08	1.0E-02	3.5E-04	9.3E-06	1.6E-01	1.6E-02	2.4E-08
206	2.25106	0.02	2.1E-08	1.0E-02	3.5E-04	8.1E-06	1.6E-01	1.6E-02	2.1E-08
207	1.9201	0.02	1.8E-08	1.0E-02	3.5E-04	6.9E-06	1.6E-01	1.6E-02	1.8E-08
208	1.61155	0.01	1.5E-08	1.0E-02	3.5E-04	5.8E-06	1.6E-01	1.6E-02	1.5E-08
209	1.35631	0.01	1.3E-08	1.0E-02	3.5E-04	4.9E-06	1.6E-01	1.6E-02	1.3E-08
210	1.14327	0.01	1.1E-08	1.0E-02	3.5E-04	4.1E-06	1.6E-01	1.6E-02	1.1E-08
211	0.96583	0.01	9.0E-09	1.0E-02	3.5E-04	3.5E-06	1.6E-01	1.6E-02	9.0E-09
212	0.81633	0.01	7.6E-09	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.6E-02	7.6E-09
213	0.80328	0.01	7.5E-09	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.6E-02	7.5E-09
214	0.97583	0.01	9.1E-09	1.0E-02	3.5E-04	3.5E-06	1.6E-01	1.6E-02	9.1E-09

MUIR School Project

Risk From P1G - Unmitigated Residential

	Max	0.24					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
215	1.16996	0.01	1.1E-08	1.0E-02	3.5E-04	4.2E-06	1.6E-01	1.6E-02	1.1E-08
216	1.40136	0.01	1.3E-08	1.0E-02	3.5E-04	5.0E-06	1.6E-01	1.6E-02	1.3E-08
217	1.61229	0.01	1.5E-08	1.0E-02	3.5E-04	5.8E-06	1.6E-01	1.6E-02	1.5E-08
218	1.75294	0.02	1.6E-08	1.0E-02	3.5E-04	6.3E-06	1.6E-01	1.6E-02	1.6E-08
219	1.77507	0.02	1.7E-08	1.0E-02	3.5E-04	6.4E-06	1.6E-01	1.6E-02	1.7E-08
220	1.71905	0.02	1.6E-08	1.0E-02	3.5E-04	6.2E-06	1.6E-01	1.6E-02	1.6E-08
221	1.6014	0.01	1.5E-08	1.0E-02	3.5E-04	5.8E-06	1.6E-01	1.6E-02	1.5E-08
222	1.44622	0.01	1.3E-08	1.0E-02	3.5E-04	5.2E-06	1.6E-01	1.6E-02	1.3E-08
223	1.27287	0.01	1.2E-08	1.0E-02	3.5E-04	4.6E-06	1.6E-01	1.6E-02	1.2E-08
224	1.12471	0.01	1.0E-08	1.0E-02	3.5E-04	4.0E-06	1.6E-01	1.6E-02	1.0E-08
225	0.98456	0.01	9.2E-09	1.0E-02	3.5E-04	3.5E-06	1.6E-01	1.6E-02	9.2E-09
226	0.85178	0.01	7.9E-09	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.6E-02	7.9E-09
227	0.74675	0.01	6.9E-09	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.6E-02	6.9E-09
228	0.75187	0.01	7.0E-09	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.6E-02	7.0E-09
229	0.88019	0.01	8.2E-09	1.0E-02	3.5E-04	3.2E-06	1.6E-01	1.6E-02	8.2E-09
230	1.01313	0.01	9.4E-09	1.0E-02	3.5E-04	3.6E-06	1.6E-01	1.6E-02	9.4E-09
231	1.13585	0.01	1.1E-08	1.0E-02	3.5E-04	4.1E-06	1.6E-01	1.6E-02	1.1E-08
232	1.21874	0.01	1.1E-08	1.0E-02	3.5E-04	4.4E-06	1.6E-01	1.6E-02	1.1E-08
233	1.24818	0.01	1.2E-08	1.0E-02	3.5E-04	4.5E-06	1.6E-01	1.6E-02	1.2E-08
234	1.22682	0.01	1.1E-08	1.0E-02	3.5E-04	4.4E-06	1.6E-01	1.6E-02	1.1E-08
235	1.1533	0.01	1.1E-08	1.0E-02	3.5E-04	4.2E-06	1.6E-01	1.6E-02	1.1E-08
236	1.0971	0.01	1.0E-08	1.0E-02	3.5E-04	3.9E-06	1.6E-01	1.6E-02	1.0E-08
237	0.99566	0.01	9.3E-09	1.0E-02	3.5E-04	3.6E-06	1.6E-01	1.6E-02	9.3E-09
238	0.88564	0.01	8.2E-09	1.0E-02	3.5E-04	3.2E-06	1.6E-01	1.6E-02	8.2E-09
239	0.8107	0.01	7.5E-09	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.6E-02	7.5E-09
240	0.73282	0.01	6.8E-09	1.0E-02	3.5E-04	2.6E-06	1.6E-01	1.6E-02	6.8E-09
241	0.65966	0.01	6.1E-09	1.0E-02	3.5E-04	2.4E-06	1.6E-01	1.6E-02	6.1E-09
242	0.45325	0.00	4.2E-09	1.0E-02	3.5E-04	1.6E-06	1.6E-01	1.6E-02	4.2E-09
243	0.52265	0.00	4.9E-09	1.0E-02	3.5E-04	1.9E-06	1.6E-01	1.6E-02	4.9E-09
244	0.59879	0.01	5.6E-09	1.0E-02	3.5E-04	2.2E-06	1.6E-01	1.6E-02	5.6E-09
245	0.68432	0.01	6.4E-09	1.0E-02	3.5E-04	2.5E-06	1.6E-01	1.6E-02	6.4E-09
246	0.76976	0.01	7.2E-09	1.0E-02	3.5E-04	2.8E-06	1.6E-01	1.6E-02	7.2E-09
247	0.84602	0.01	7.9E-09	1.0E-02	3.5E-04	3.0E-06	1.6E-01	1.6E-02	7.9E-09
248	0.90326	0.01	8.4E-09	1.0E-02	3.5E-04	3.3E-06	1.6E-01	1.6E-02	8.4E-09
249	0.92064	0.01	8.6E-09	1.0E-02	3.5E-04	3.3E-06	1.6E-01	1.6E-02	8.6E-09
250	0.91403	0.01	8.5E-09	1.0E-02	3.5E-04	3.3E-06	1.6E-01	1.6E-02	8.5E-09
251	0.88934	0.01	8.3E-09	1.0E-02	3.5E-04	3.2E-06	1.6E-01	1.6E-02	8.3E-09
252	0.79257	0.01	7.4E-09	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.6E-02	7.4E-09
253	0.75007	0.01	7.0E-09	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.6E-02	7.0E-09
254	0.70267	0.01	6.5E-09	1.0E-02	3.5E-04	2.5E-06	1.6E-01	1.6E-02	6.5E-09
255	0.65883	0.01	6.1E-09	1.0E-02	3.5E-04	2.4E-06	1.6E-01	1.6E-02	6.1E-09
256	0.61369	0.01	5.7E-09	1.0E-02	3.5E-04	2.2E-06	1.6E-01	1.6E-02	5.7E-09
257	0.56666	0.01	5.3E-09	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.6E-02	5.3E-09

MUIR School Project

Risk From P1G - Unmitigated Residential

	Max	0.24					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
258	0.38709	0.00	3.6E-09	1.0E-02	3.5E-04	1.4E-06	1.6E-01	1.6E-02	3.6E-09
259	0.43364	0.00	4.0E-09	1.0E-02	3.5E-04	1.6E-06	1.6E-01	1.6E-02	4.0E-09
260	0.55334	0.01	5.1E-09	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.6E-02	5.1E-09
261	0.60587	0.01	5.6E-09	1.0E-02	3.5E-04	2.2E-06	1.6E-01	1.6E-02	5.6E-09
262	0.65924	0.01	6.1E-09	1.0E-02	3.5E-04	2.4E-06	1.6E-01	1.6E-02	6.1E-09
263	0.67329	0.01	6.3E-09	1.0E-02	3.5E-04	2.4E-06	1.6E-01	1.6E-02	6.3E-09
264	0.7144	0.01	6.6E-09	1.0E-02	3.5E-04	2.6E-06	1.6E-01	1.6E-02	6.6E-09
265	0.6695	0.01	6.2E-09	1.0E-02	3.5E-04	2.4E-06	1.6E-01	1.6E-02	6.2E-09
266	0.66183	0.01	6.2E-09	1.0E-02	3.5E-04	2.4E-06	1.6E-01	1.6E-02	6.2E-09
267	0.6637	0.01	6.2E-09	1.0E-02	3.5E-04	2.4E-06	1.6E-01	1.6E-02	6.2E-09
268	0.59316	0.01	5.5E-09	1.0E-02	3.5E-04	2.1E-06	1.6E-01	1.6E-02	5.5E-09
269	0.56305	0.01	5.2E-09	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.6E-02	5.2E-09
270	0.53329	0.00	5.0E-09	1.0E-02	3.5E-04	1.9E-06	1.6E-01	1.6E-02	5.0E-09
271	0.51038	0.00	4.7E-09	1.0E-02	3.5E-04	1.8E-06	1.6E-01	1.6E-02	4.7E-09
272	0.4811	0.00	4.5E-09	1.0E-02	3.5E-04	1.7E-06	1.6E-01	1.6E-02	4.5E-09
273	0.4897	0.00	4.6E-09	1.0E-02	3.5E-04	1.8E-06	1.6E-01	1.6E-02	4.6E-09
274	0.52678	0.00	4.9E-09	1.0E-02	3.5E-04	1.9E-06	1.6E-01	1.6E-02	4.9E-09
275	0.54932	0.01	5.1E-09	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.6E-02	5.1E-09
276	0.56747	0.01	5.3E-09	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.6E-02	5.3E-09
277	0.53644	0.00	5.0E-09	1.0E-02	3.5E-04	1.9E-06	1.6E-01	1.6E-02	5.0E-09
278	0.5364	0.00	5.0E-09	1.0E-02	3.5E-04	1.9E-06	1.6E-01	1.6E-02	5.0E-09
279	0.54775	0.01	5.1E-09	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.6E-02	5.1E-09
280	0.47313	0.00	4.4E-09	1.0E-02	3.5E-04	1.7E-06	1.6E-01	1.6E-02	4.4E-09
281	0.4573	0.00	4.3E-09	1.0E-02	3.5E-04	1.6E-06	1.6E-01	1.6E-02	4.3E-09
282	0.43861	0.00	4.1E-09	1.0E-02	3.5E-04	1.6E-06	1.6E-01	1.6E-02	4.1E-09
283	0.40765	0.00	3.8E-09	1.0E-02	3.5E-04	1.5E-06	1.6E-01	1.6E-02	3.8E-09
284	0.39959	0.00	3.7E-09	1.0E-02	3.5E-04	1.4E-06	1.6E-01	1.6E-02	3.7E-09

Risk From P1BC - Unmitigated Residential

MUIR School Project

Risk From P1BC - Unmitigated Residential

Max 29.93

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.26707	0.23	2.3E-07	1.0E-02	3.5E-04	9.2E-07	1.6E-01	1.0E-01	1.5E-08
44	0.30882	0.27	2.7E-07	1.0E-02	3.5E-04	1.1E-06	1.6E-01	1.0E-01	1.7E-08
45	0.35932	0.32	3.2E-07	1.0E-02	3.5E-04	1.2E-06	1.6E-01	1.0E-01	2.0E-08
46	0.42071	0.37	3.7E-07	1.0E-02	3.5E-04	1.4E-06	1.6E-01	1.0E-01	2.3E-08
47	0.49295	0.43	4.3E-07	1.0E-02	3.5E-04	1.7E-06	1.6E-01	1.0E-01	2.7E-08
48	0.57475	0.51	5.1E-07	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.0E-01	3.2E-08
49	0.66439	0.58	5.8E-07	1.0E-02	3.5E-04	2.3E-06	1.6E-01	1.0E-01	3.6E-08
50	0.75424	0.66	6.6E-07	1.0E-02	3.5E-04	2.6E-06	1.6E-01	1.0E-01	4.1E-08
51	0.84029	0.74	7.4E-07	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.0E-01	4.6E-08
52	0.91703	0.81	8.1E-07	1.0E-02	3.5E-04	3.2E-06	1.6E-01	1.0E-01	5.0E-08
53	0.9809	0.86	8.6E-07	1.0E-02	3.5E-04	3.4E-06	1.6E-01	1.0E-01	5.4E-08
54	1.02152	0.90	9.0E-07	1.0E-02	3.5E-04	3.5E-06	1.6E-01	1.0E-01	5.6E-08
55	0.96162	0.85	8.5E-07	1.0E-02	3.5E-04	3.3E-06	1.6E-01	1.0E-01	5.3E-08
56	0.9035	0.79	7.9E-07	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.0E-01	5.0E-08
57	0.83113	0.73	7.3E-07	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.0E-01	4.6E-08
58	0.7554	0.66	6.6E-07	1.0E-02	3.5E-04	2.6E-06	1.6E-01	1.0E-01	4.1E-08
59	0.68093	0.60	6.0E-07	1.0E-02	3.5E-04	2.3E-06	1.6E-01	1.0E-01	3.7E-08
60	0.61091	0.54	5.4E-07	1.0E-02	3.5E-04	2.1E-06	1.6E-01	1.0E-01	3.4E-08
61	0.34236	0.30	3.0E-07	1.0E-02	3.5E-04	1.2E-06	1.6E-01	1.0E-01	1.9E-08
62	0.40872	0.36	3.6E-07	1.0E-02	3.5E-04	1.4E-06	1.6E-01	1.0E-01	2.2E-08
63	0.49076	0.43	4.3E-07	1.0E-02	3.5E-04	1.7E-06	1.6E-01	1.0E-01	2.7E-08
64	0.59296	0.52	5.2E-07	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.0E-01	3.3E-08
65	0.71749	0.63	6.3E-07	1.0E-02	3.5E-04	2.5E-06	1.6E-01	1.0E-01	3.9E-08
66	0.8635	0.76	7.6E-07	1.0E-02	3.5E-04	3.0E-06	1.6E-01	1.0E-01	4.7E-08
67	1.02058	0.90	9.0E-07	1.0E-02	3.5E-04	3.5E-06	1.6E-01	1.0E-01	5.6E-08
68	1.17335	1.03	1.0E-06	1.0E-02	3.5E-04	4.0E-06	1.6E-01	1.0E-01	6.4E-08
69	1.30742	1.15	1.1E-06	1.0E-02	3.5E-04	4.5E-06	1.6E-01	1.0E-01	7.2E-08
70	1.41188	1.24	1.2E-06	1.0E-02	3.5E-04	4.9E-06	1.6E-01	1.0E-01	7.8E-08
71	1.46266	1.29	1.3E-06	1.0E-02	3.5E-04	5.0E-06	1.6E-01	1.0E-01	8.0E-08
72	1.02276	0.90	9.0E-07	1.0E-02	3.5E-04	3.5E-06	1.6E-01	1.0E-01	5.6E-08
73	0.90129	0.79	7.9E-07	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.0E-01	4.9E-08
74	0.79116	0.70	7.0E-07	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.0E-01	4.3E-08
75	0.69354	0.61	6.1E-07	1.0E-02	3.5E-04	2.4E-06	1.6E-01	1.0E-01	3.8E-08
76	0.33715	0.30	3.0E-07	1.0E-02	3.5E-04	1.2E-06	1.6E-01	1.0E-01	1.9E-08
77	0.42588	0.37	3.7E-07	1.0E-02	3.5E-04	1.5E-06	1.6E-01	1.0E-01	2.3E-08
78	0.54478	0.48	4.8E-07	1.0E-02	3.5E-04	1.9E-06	1.6E-01	1.0E-01	3.0E-08
79	0.71615	0.63	6.3E-07	1.0E-02	3.5E-04	2.5E-06	1.6E-01	1.0E-01	3.9E-08
80	0.90982	0.80	8.0E-07	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.0E-01	5.0E-08
81	1.15707	1.02	1.0E-06	1.0E-02	3.5E-04	4.0E-06	1.6E-01	1.0E-01	6.4E-08
82	1.4546	1.28	1.3E-06	1.0E-02	3.5E-04	5.0E-06	1.6E-01	1.0E-01	8.0E-08
83	1.76022	1.55	1.5E-06	1.0E-02	3.5E-04	6.1E-06	1.6E-01	1.0E-01	9.7E-08
84	2.02699	1.78	1.8E-06	1.0E-02	3.5E-04	7.0E-06	1.6E-01	1.0E-01	1.1E-07
85	2.20396	1.94	1.9E-06	1.0E-02	3.5E-04	7.6E-06	1.6E-01	1.0E-01	1.2E-07

MUIR School Project

Risk From P1BC - Unmitigated Residential

Max 29.93

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
86	2.24039	1.97	2.0E-06	1.0E-02	3.5E-04	7.7E-06	1.6E-01	1.0E-01	1.2E-07
87	1.2426	1.09	1.1E-06	1.0E-02	3.5E-04	4.3E-06	1.6E-01	1.0E-01	6.8E-08
88	1.05688	0.93	9.3E-07	1.0E-02	3.5E-04	3.6E-06	1.6E-01	1.0E-01	5.8E-08
89	0.90098	0.79	7.9E-07	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.0E-01	4.9E-08
90	0.7702	0.68	6.8E-07	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.0E-01	4.2E-08
91	0.66101	0.58	5.8E-07	1.0E-02	3.5E-04	2.3E-06	1.6E-01	1.0E-01	3.6E-08
92	0.40209	0.35	3.5E-07	1.0E-02	3.5E-04	1.4E-06	1.6E-01	1.0E-01	2.2E-08
93	0.50487	0.44	4.4E-07	1.0E-02	3.5E-04	1.7E-06	1.6E-01	1.0E-01	2.8E-08
94	0.6372	0.56	5.6E-07	1.0E-02	3.5E-04	2.2E-06	1.6E-01	1.0E-01	3.5E-08
95	0.85751	0.75	7.5E-07	1.0E-02	3.5E-04	3.0E-06	1.6E-01	1.0E-01	4.7E-08
96	1.15634	1.02	1.0E-06	1.0E-02	3.5E-04	4.0E-06	1.6E-01	1.0E-01	6.3E-08
97	1.58266	1.39	1.4E-06	1.0E-02	3.5E-04	5.5E-06	1.6E-01	1.0E-01	8.7E-08
98	2.21483	1.95	1.9E-06	1.0E-02	3.5E-04	7.6E-06	1.6E-01	1.0E-01	1.2E-07
99	2.94527	2.59	2.6E-06	1.0E-02	3.5E-04	1.0E-05	1.6E-01	1.0E-01	1.6E-07
100	3.58556	3.15	3.2E-06	1.0E-02	3.5E-04	1.2E-05	1.6E-01	1.0E-01	2.0E-07
101	3.86575	3.40	3.4E-06	1.0E-02	3.5E-04	1.3E-05	1.6E-01	1.0E-01	2.1E-07
102	3.74117	3.29	3.3E-06	1.0E-02	3.5E-04	1.3E-05	1.6E-01	1.0E-01	2.1E-07
103	2.23583	1.97	2.0E-06	1.0E-02	3.5E-04	7.7E-06	1.6E-01	1.0E-01	1.2E-07
104	1.47079	1.29	1.3E-06	1.0E-02	3.5E-04	5.1E-06	1.6E-01	1.0E-01	8.1E-08
105	1.20479	1.06	1.1E-06	1.0E-02	3.5E-04	4.2E-06	1.6E-01	1.0E-01	6.6E-08
106	0.9974	0.88	8.8E-07	1.0E-02	3.5E-04	3.4E-06	1.6E-01	1.0E-01	5.5E-08
107	0.83134	0.73	7.3E-07	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.0E-01	4.6E-08
108	0.70134	0.62	6.2E-07	1.0E-02	3.5E-04	2.4E-06	1.6E-01	1.0E-01	3.9E-08
109	0.55024	0.48	4.8E-07	1.0E-02	3.5E-04	1.9E-06	1.6E-01	1.0E-01	3.0E-08
110	0.722	0.63	6.3E-07	1.0E-02	3.5E-04	2.5E-06	1.6E-01	1.0E-01	4.0E-08
111	1.00466	0.88	8.8E-07	1.0E-02	3.5E-04	3.5E-06	1.6E-01	1.0E-01	5.5E-08
112	1.4454	1.27	1.3E-06	1.0E-02	3.5E-04	5.0E-06	1.6E-01	1.0E-01	7.9E-08
113	2.17412	1.91	1.9E-06	1.0E-02	3.5E-04	7.5E-06	1.6E-01	1.0E-01	1.2E-07
114	3.6127	3.18	3.2E-06	1.0E-02	3.5E-04	1.2E-05	1.6E-01	1.0E-01	2.0E-07
115	5.82726	5.12	5.1E-06	1.0E-02	3.5E-04	2.0E-05	1.6E-01	1.0E-01	3.2E-07
116	8.02228	7.05	7.1E-06	1.0E-02	3.5E-04	2.8E-05	1.6E-01	1.0E-01	4.4E-07
117	8.26442	7.27	7.3E-06	1.0E-02	3.5E-04	2.8E-05	1.6E-01	1.0E-01	4.5E-07
118	6.83981	6.01	6.0E-06	1.0E-02	3.5E-04	2.4E-05	1.6E-01	1.0E-01	3.8E-07
119	2.8369	2.49	2.5E-06	1.0E-02	3.5E-04	9.8E-06	1.6E-01	1.0E-01	1.6E-07
120	2.15379	1.89	1.9E-06	1.0E-02	3.5E-04	7.4E-06	1.6E-01	1.0E-01	1.2E-07
121	1.67039	1.47	1.5E-06	1.0E-02	3.5E-04	5.8E-06	1.6E-01	1.0E-01	9.2E-08
122	1.32581	1.17	1.2E-06	1.0E-02	3.5E-04	4.6E-06	1.6E-01	1.0E-01	7.3E-08
123	1.06894	0.94	9.4E-07	1.0E-02	3.5E-04	3.7E-06	1.6E-01	1.0E-01	5.9E-08
124	0.87474	0.77	7.7E-07	1.0E-02	3.5E-04	3.0E-06	1.6E-01	1.0E-01	4.8E-08
125	0.72608	0.64	6.4E-07	1.0E-02	3.5E-04	2.5E-06	1.6E-01	1.0E-01	4.0E-08
126	0.78953	0.69	6.9E-07	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.0E-01	4.3E-08
127	1.12498	0.99	9.9E-07	1.0E-02	3.5E-04	3.9E-06	1.6E-01	1.0E-01	6.2E-08
128	1.71397	1.51	1.5E-06	1.0E-02	3.5E-04	5.9E-06	1.6E-01	1.0E-01	9.4E-08

MUIR School Project

Risk From P1BC - Unmitigated Residential

Max 29.93

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	2.81828	2.48	2.5E-06	1.0E-02	3.5E-04	9.7E-06	1.6E-01	1.0E-01	1.5E-07
130	5.71759	5.03	5.0E-06	1.0E-02	3.5E-04	2.0E-05	1.6E-01	1.0E-01	3.1E-07
131	16.1298	14.18	1.4E-05	1.0E-02	3.5E-04	5.6E-05	1.6E-01	1.0E-01	8.9E-07
132	34.04523	29.93	3.0E-05	1.0E-02	3.5E-04	1.2E-04	1.6E-01	1.0E-01	1.9E-06
133	3.36532	2.96	3.0E-06	1.0E-02	3.5E-04	1.2E-05	1.6E-01	1.0E-01	1.8E-07
134	2.43438	2.14	2.1E-06	1.0E-02	3.5E-04	8.4E-06	1.6E-01	1.0E-01	1.3E-07
135	1.82252	1.60	1.6E-06	1.0E-02	3.5E-04	6.3E-06	1.6E-01	1.0E-01	1.0E-07
136	1.4073	1.24	1.2E-06	1.0E-02	3.5E-04	4.9E-06	1.6E-01	1.0E-01	7.7E-08
137	1.11025	0.98	9.8E-07	1.0E-02	3.5E-04	3.8E-06	1.6E-01	1.0E-01	6.1E-08
138	0.89989	0.79	7.9E-07	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.0E-01	4.9E-08
139	0.74318	0.65	6.5E-07	1.0E-02	3.5E-04	2.6E-06	1.6E-01	1.0E-01	4.1E-08
140	0.82421	0.72	7.2E-07	1.0E-02	3.5E-04	2.8E-06	1.6E-01	1.0E-01	4.5E-08
141	1.18779	1.04	1.0E-06	1.0E-02	3.5E-04	4.1E-06	1.6E-01	1.0E-01	6.5E-08
142	1.84954	1.63	1.6E-06	1.0E-02	3.5E-04	6.4E-06	1.6E-01	1.0E-01	1.0E-07
143	3.26469	2.87	2.9E-06	1.0E-02	3.5E-04	1.1E-05	1.6E-01	1.0E-01	1.8E-07
144	7.74298	6.81	6.8E-06	1.0E-02	3.5E-04	2.7E-05	1.6E-01	1.0E-01	4.3E-07
145	3.73313	3.28	3.3E-06	1.0E-02	3.5E-04	1.3E-05	1.6E-01	1.0E-01	2.0E-07
146	2.58639	2.27	2.3E-06	1.0E-02	3.5E-04	8.9E-06	1.6E-01	1.0E-01	1.4E-07
147	1.90795	1.68	1.7E-06	1.0E-02	3.5E-04	6.6E-06	1.6E-01	1.0E-01	1.0E-07
148	1.45233	1.28	1.3E-06	1.0E-02	3.5E-04	5.0E-06	1.6E-01	1.0E-01	8.0E-08
149	1.1406	1.00	1.0E-06	1.0E-02	3.5E-04	3.9E-06	1.6E-01	1.0E-01	6.3E-08
150	0.91757	0.81	8.1E-07	1.0E-02	3.5E-04	3.2E-06	1.6E-01	1.0E-01	5.0E-08
151	0.759	0.67	6.7E-07	1.0E-02	3.5E-04	2.6E-06	1.6E-01	1.0E-01	4.2E-08
152	1.77688	1.56	1.6E-06	1.0E-02	3.5E-04	6.1E-06	1.6E-01	1.0E-01	9.8E-08
153	3.04698	2.68	2.7E-06	1.0E-02	3.5E-04	1.1E-05	1.6E-01	1.0E-01	1.7E-07
154	6.02157	5.29	5.3E-06	1.0E-02	3.5E-04	2.1E-05	1.6E-01	1.0E-01	3.3E-07
155	2.63733	2.32	2.3E-06	1.0E-02	3.5E-04	9.1E-06	1.6E-01	1.0E-01	1.4E-07
156	1.93448	1.70	1.7E-06	1.0E-02	3.5E-04	6.7E-06	1.6E-01	1.0E-01	1.1E-07
157	1.4727	1.29	1.3E-06	1.0E-02	3.5E-04	5.1E-06	1.6E-01	1.0E-01	8.1E-08
158	1.15023	1.01	1.0E-06	1.0E-02	3.5E-04	4.0E-06	1.6E-01	1.0E-01	6.3E-08
159	0.92821	0.82	8.2E-07	1.0E-02	3.5E-04	3.2E-06	1.6E-01	1.0E-01	5.1E-08
160	0.76989	0.68	6.8E-07	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.0E-01	4.2E-08
161	1.06796	0.94	9.4E-07	1.0E-02	3.5E-04	3.7E-06	1.6E-01	1.0E-01	5.9E-08
162	1.54397	1.36	1.4E-06	1.0E-02	3.5E-04	5.3E-06	1.6E-01	1.0E-01	8.5E-08
163	2.42715	2.13	2.1E-06	1.0E-02	3.5E-04	8.4E-06	1.6E-01	1.0E-01	1.3E-07
164	4.02226	3.54	3.5E-06	1.0E-02	3.5E-04	1.4E-05	1.6E-01	1.0E-01	2.2E-07
165	7.18812	6.32	6.3E-06	1.0E-02	3.5E-04	2.5E-05	1.6E-01	1.0E-01	3.9E-07
166	2.53352	2.23	2.2E-06	1.0E-02	3.5E-04	8.7E-06	1.6E-01	1.0E-01	1.4E-07
167	1.89469	1.67	1.7E-06	1.0E-02	3.5E-04	6.5E-06	1.6E-01	1.0E-01	1.0E-07
168	1.4615	1.28	1.3E-06	1.0E-02	3.5E-04	5.0E-06	1.6E-01	1.0E-01	8.0E-08
169	1.15762	1.02	1.0E-06	1.0E-02	3.5E-04	4.0E-06	1.6E-01	1.0E-01	6.4E-08
170	0.94732	0.83	8.3E-07	1.0E-02	3.5E-04	3.3E-06	1.6E-01	1.0E-01	5.2E-08
171	0.77761	0.68	6.8E-07	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.0E-01	4.3E-08

MUIR School Project

Risk From P1BC - Unmitigated Residential

Max 29.93

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	0.93116	0.82	8.2E-07	1.0E-02	3.5E-04	3.2E-06	1.6E-01	1.0E-01	5.1E-08
173	1.28291	1.13	1.1E-06	1.0E-02	3.5E-04	4.4E-06	1.6E-01	1.0E-01	7.0E-08
174	1.8331	1.61	1.6E-06	1.0E-02	3.5E-04	6.3E-06	1.6E-01	1.0E-01	1.0E-07
175	2.64845	2.33	2.3E-06	1.0E-02	3.5E-04	9.1E-06	1.6E-01	1.0E-01	1.5E-07
176	3.81782	3.36	3.4E-06	1.0E-02	3.5E-04	1.3E-05	1.6E-01	1.0E-01	2.1E-07
177	3.85012	3.39	3.4E-06	1.0E-02	3.5E-04	1.3E-05	1.6E-01	1.0E-01	2.1E-07
178	2.94593	2.59	2.6E-06	1.0E-02	3.5E-04	1.0E-05	1.6E-01	1.0E-01	1.6E-07
179	2.26584	1.99	2.0E-06	1.0E-02	3.5E-04	7.8E-06	1.6E-01	1.0E-01	1.2E-07
180	1.76688	1.55	1.6E-06	1.0E-02	3.5E-04	6.1E-06	1.6E-01	1.0E-01	9.7E-08
181	1.40073	1.23	1.2E-06	1.0E-02	3.5E-04	4.8E-06	1.6E-01	1.0E-01	7.7E-08
182	1.14438	1.01	1.0E-06	1.0E-02	3.5E-04	3.9E-06	1.6E-01	1.0E-01	6.3E-08
183	0.94289	0.83	8.3E-07	1.0E-02	3.5E-04	3.2E-06	1.6E-01	1.0E-01	5.2E-08
184	0.77932	0.69	6.9E-07	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.0E-01	4.3E-08
185	1.80179	1.58	1.6E-06	1.0E-02	3.5E-04	6.2E-06	1.6E-01	1.0E-01	9.9E-08
186	2.36333	2.08	2.1E-06	1.0E-02	3.5E-04	8.1E-06	1.6E-01	1.0E-01	1.3E-07
187	2.94399	2.59	2.6E-06	1.0E-02	3.5E-04	1.0E-05	1.6E-01	1.0E-01	1.6E-07
188	3.40364	2.99	3.0E-06	1.0E-02	3.5E-04	1.2E-05	1.6E-01	1.0E-01	1.9E-07
189	3.13279	2.75	2.8E-06	1.0E-02	3.5E-04	1.1E-05	1.6E-01	1.0E-01	1.7E-07
190	2.71975	2.39	2.4E-06	1.0E-02	3.5E-04	9.4E-06	1.6E-01	1.0E-01	1.5E-07
191	2.28038	2.00	2.0E-06	1.0E-02	3.5E-04	7.9E-06	1.6E-01	1.0E-01	1.3E-07
192	1.88461	1.66	1.7E-06	1.0E-02	3.5E-04	6.5E-06	1.6E-01	1.0E-01	1.0E-07
193	1.54949	1.36	1.4E-06	1.0E-02	3.5E-04	5.3E-06	1.6E-01	1.0E-01	8.5E-08
194	1.27722	1.12	1.1E-06	1.0E-02	3.5E-04	4.4E-06	1.6E-01	1.0E-01	7.0E-08
195	1.07894	0.95	9.5E-07	1.0E-02	3.5E-04	3.7E-06	1.6E-01	1.0E-01	5.9E-08
196	0.90589	0.80	8.0E-07	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.0E-01	5.0E-08
197	0.76377	0.67	6.7E-07	1.0E-02	3.5E-04	2.6E-06	1.6E-01	1.0E-01	4.2E-08
198	1.04172	0.92	9.2E-07	1.0E-02	3.5E-04	3.6E-06	1.6E-01	1.0E-01	5.7E-08
199	1.28498	1.13	1.1E-06	1.0E-02	3.5E-04	4.4E-06	1.6E-01	1.0E-01	7.1E-08
200	1.57521	1.38	1.4E-06	1.0E-02	3.5E-04	5.4E-06	1.6E-01	1.0E-01	8.6E-08
201	1.85333	1.63	1.6E-06	1.0E-02	3.5E-04	6.4E-06	1.6E-01	1.0E-01	1.0E-07
202	2.06919	1.82	1.8E-06	1.0E-02	3.5E-04	7.1E-06	1.6E-01	1.0E-01	1.1E-07
203	2.11674	1.86	1.9E-06	1.0E-02	3.5E-04	7.3E-06	1.6E-01	1.0E-01	1.2E-07
204	2.05725	1.81	1.8E-06	1.0E-02	3.5E-04	7.1E-06	1.6E-01	1.0E-01	1.1E-07
205	1.9049	1.67	1.7E-06	1.0E-02	3.5E-04	6.6E-06	1.6E-01	1.0E-01	1.0E-07
206	1.70189	1.50	1.5E-06	1.0E-02	3.5E-04	5.9E-06	1.6E-01	1.0E-01	9.3E-08
207	1.49434	1.31	1.3E-06	1.0E-02	3.5E-04	5.2E-06	1.6E-01	1.0E-01	8.2E-08
208	1.29329	1.14	1.1E-06	1.0E-02	3.5E-04	4.5E-06	1.6E-01	1.0E-01	7.1E-08
209	1.1214	0.99	9.9E-07	1.0E-02	3.5E-04	3.9E-06	1.6E-01	1.0E-01	6.2E-08
210	0.97051	0.85	8.5E-07	1.0E-02	3.5E-04	3.3E-06	1.6E-01	1.0E-01	5.3E-08
211	0.83755	0.74	7.4E-07	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.0E-01	4.6E-08
212	0.72148	0.63	6.3E-07	1.0E-02	3.5E-04	2.5E-06	1.6E-01	1.0E-01	4.0E-08
213	0.80916	0.71	7.1E-07	1.0E-02	3.5E-04	2.8E-06	1.6E-01	1.0E-01	4.4E-08
214	0.96068	0.84	8.4E-07	1.0E-02	3.5E-04	3.3E-06	1.6E-01	1.0E-01	5.3E-08

MUIR School Project

Risk From P1BC - Unmitigated Residential

Max 29.93

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
215	1.1174	0.98	9.8E-07	1.0E-02	3.5E-04	3.9E-06	1.6E-01	1.0E-01	6.1E-08
216	1.28466	1.13	1.1E-06	1.0E-02	3.5E-04	4.4E-06	1.6E-01	1.0E-01	7.1E-08
217	1.40393	1.23	1.2E-06	1.0E-02	3.5E-04	4.8E-06	1.6E-01	1.0E-01	7.7E-08
218	1.45145	1.28	1.3E-06	1.0E-02	3.5E-04	5.0E-06	1.6E-01	1.0E-01	8.0E-08
219	1.42343	1.25	1.3E-06	1.0E-02	3.5E-04	4.9E-06	1.6E-01	1.0E-01	7.8E-08
220	1.36207	1.20	1.2E-06	1.0E-02	3.5E-04	4.7E-06	1.6E-01	1.0E-01	7.5E-08
221	1.27284	1.12	1.1E-06	1.0E-02	3.5E-04	4.4E-06	1.6E-01	1.0E-01	7.0E-08
222	1.16371	1.02	1.0E-06	1.0E-02	3.5E-04	4.0E-06	1.6E-01	1.0E-01	6.4E-08
223	1.04783	0.92	9.2E-07	1.0E-02	3.5E-04	3.6E-06	1.6E-01	1.0E-01	5.8E-08
224	0.93735	0.82	8.2E-07	1.0E-02	3.5E-04	3.2E-06	1.6E-01	1.0E-01	5.1E-08
225	0.83718	0.74	7.4E-07	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.0E-01	4.6E-08
226	0.73848	0.65	6.5E-07	1.0E-02	3.5E-04	2.5E-06	1.6E-01	1.0E-01	4.1E-08
227	0.65748	0.58	5.8E-07	1.0E-02	3.5E-04	2.3E-06	1.6E-01	1.0E-01	3.6E-08
228	0.73582	0.65	6.5E-07	1.0E-02	3.5E-04	2.5E-06	1.6E-01	1.0E-01	4.0E-08
229	0.84247	0.74	7.4E-07	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.0E-01	4.6E-08
230	0.94261	0.83	8.3E-07	1.0E-02	3.5E-04	3.2E-06	1.6E-01	1.0E-01	5.2E-08
231	1.0192	0.90	9.0E-07	1.0E-02	3.5E-04	3.5E-06	1.6E-01	1.0E-01	5.6E-08
232	1.05391	0.93	9.3E-07	1.0E-02	3.5E-04	3.6E-06	1.6E-01	1.0E-01	5.8E-08
233	1.05018	0.92	9.2E-07	1.0E-02	3.5E-04	3.6E-06	1.6E-01	1.0E-01	5.8E-08
234	1.01827	0.90	9.0E-07	1.0E-02	3.5E-04	3.5E-06	1.6E-01	1.0E-01	5.6E-08
235	0.96599	0.85	8.5E-07	1.0E-02	3.5E-04	3.3E-06	1.6E-01	1.0E-01	5.3E-08
236	0.91147	0.80	8.0E-07	1.0E-02	3.5E-04	3.1E-06	1.6E-01	1.0E-01	5.0E-08
237	0.84345	0.74	7.4E-07	1.0E-02	3.5E-04	2.9E-06	1.6E-01	1.0E-01	4.6E-08
238	0.75119	0.66	6.6E-07	1.0E-02	3.5E-04	2.6E-06	1.6E-01	1.0E-01	4.1E-08
239	0.69583	0.61	6.1E-07	1.0E-02	3.5E-04	2.4E-06	1.6E-01	1.0E-01	3.8E-08
240	0.63713	0.56	5.6E-07	1.0E-02	3.5E-04	2.2E-06	1.6E-01	1.0E-01	3.5E-08
241	0.58083	0.51	5.1E-07	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.0E-01	3.2E-08
242	0.45463	0.40	4.0E-07	1.0E-02	3.5E-04	1.6E-06	1.6E-01	1.0E-01	2.5E-08
243	0.51762	0.46	4.6E-07	1.0E-02	3.5E-04	1.8E-06	1.6E-01	1.0E-01	2.8E-08
244	0.58471	0.51	5.1E-07	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.0E-01	3.2E-08
245	0.65713	0.58	5.8E-07	1.0E-02	3.5E-04	2.3E-06	1.6E-01	1.0E-01	3.6E-08
246	0.72371	0.64	6.4E-07	1.0E-02	3.5E-04	2.5E-06	1.6E-01	1.0E-01	4.0E-08
247	0.77452	0.68	6.8E-07	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.0E-01	4.3E-08
248	0.80354	0.71	7.1E-07	1.0E-02	3.5E-04	2.8E-06	1.6E-01	1.0E-01	4.4E-08
249	0.80284	0.71	7.1E-07	1.0E-02	3.5E-04	2.8E-06	1.6E-01	1.0E-01	4.4E-08
250	0.78639	0.69	6.9E-07	1.0E-02	3.5E-04	2.7E-06	1.6E-01	1.0E-01	4.3E-08
251	0.75907	0.67	6.7E-07	1.0E-02	3.5E-04	2.6E-06	1.6E-01	1.0E-01	4.2E-08
252	0.67904	0.60	6.0E-07	1.0E-02	3.5E-04	2.3E-06	1.6E-01	1.0E-01	3.7E-08
253	0.64379	0.57	5.7E-07	1.0E-02	3.5E-04	2.2E-06	1.6E-01	1.0E-01	3.5E-08
254	0.60646	0.53	5.3E-07	1.0E-02	3.5E-04	2.1E-06	1.6E-01	1.0E-01	3.3E-08
255	0.57258	0.50	5.0E-07	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.0E-01	3.1E-08
256	0.53771	0.47	4.7E-07	1.0E-02	3.5E-04	1.9E-06	1.6E-01	1.0E-01	3.0E-08
257	0.50103	0.44	4.4E-07	1.0E-02	3.5E-04	1.7E-06	1.6E-01	1.0E-01	2.8E-08

MUIR School Project

Risk From P1BC - Unmitigated Residential

	Max	29.93					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
258	0.38536	0.34	3.4E-07	1.0E-02	3.5E-04	1.3E-06	1.6E-01	1.0E-01	2.1E-08
259	0.42792	0.38	3.8E-07	1.0E-02	3.5E-04	1.5E-06	1.6E-01	1.0E-01	2.3E-08
260	0.53171	0.47	4.7E-07	1.0E-02	3.5E-04	1.8E-06	1.6E-01	1.0E-01	2.9E-08
261	0.57416	0.50	5.0E-07	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.0E-01	3.2E-08
262	0.61184	0.54	5.4E-07	1.0E-02	3.5E-04	2.1E-06	1.6E-01	1.0E-01	3.4E-08
263	0.62763	0.55	5.5E-07	1.0E-02	3.5E-04	2.2E-06	1.6E-01	1.0E-01	3.4E-08
264	0.63618	0.56	5.6E-07	1.0E-02	3.5E-04	2.2E-06	1.6E-01	1.0E-01	3.5E-08
265	0.59199	0.52	5.2E-07	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.0E-01	3.2E-08
266	0.59085	0.52	5.2E-07	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.0E-01	3.2E-08
267	0.58673	0.52	5.2E-07	1.0E-02	3.5E-04	2.0E-06	1.6E-01	1.0E-01	3.2E-08
268	0.51885	0.46	4.6E-07	1.0E-02	3.5E-04	1.8E-06	1.6E-01	1.0E-01	2.8E-08
269	0.49401	0.43	4.3E-07	1.0E-02	3.5E-04	1.7E-06	1.6E-01	1.0E-01	2.7E-08
270	0.4698	0.41	4.1E-07	1.0E-02	3.5E-04	1.6E-06	1.6E-01	1.0E-01	2.6E-08
271	0.45174	0.40	4.0E-07	1.0E-02	3.5E-04	1.6E-06	1.6E-01	1.0E-01	2.5E-08
272	0.42831	0.38	3.8E-07	1.0E-02	3.5E-04	1.5E-06	1.6E-01	1.0E-01	2.4E-08
273	0.46699	0.41	4.1E-07	1.0E-02	3.5E-04	1.6E-06	1.6E-01	1.0E-01	2.6E-08
274	0.49417	0.43	4.3E-07	1.0E-02	3.5E-04	1.7E-06	1.6E-01	1.0E-01	2.7E-08
275	0.50983	0.45	4.5E-07	1.0E-02	3.5E-04	1.8E-06	1.6E-01	1.0E-01	2.8E-08
276	0.5157	0.45	4.5E-07	1.0E-02	3.5E-04	1.8E-06	1.6E-01	1.0E-01	2.8E-08
277	0.48356	0.43	4.3E-07	1.0E-02	3.5E-04	1.7E-06	1.6E-01	1.0E-01	2.7E-08
278	0.48804	0.43	4.3E-07	1.0E-02	3.5E-04	1.7E-06	1.6E-01	1.0E-01	2.7E-08
279	0.48595	0.43	4.3E-07	1.0E-02	3.5E-04	1.7E-06	1.6E-01	1.0E-01	2.7E-08
280	0.42026	0.37	3.7E-07	1.0E-02	3.5E-04	1.4E-06	1.6E-01	1.0E-01	2.3E-08
281	0.40693	0.36	3.6E-07	1.0E-02	3.5E-04	1.4E-06	1.6E-01	1.0E-01	2.2E-08
282	0.39127	0.34	3.4E-07	1.0E-02	3.5E-04	1.3E-06	1.6E-01	1.0E-01	2.1E-08
283	0.36509	0.32	3.2E-07	1.0E-02	3.5E-04	1.3E-06	1.6E-01	1.0E-01	2.0E-08
284	0.35896	0.32	3.2E-07	1.0E-02	3.5E-04	1.2E-06	1.6E-01	1.0E-01	2.0E-08

MUIR School Project

Risk From P1BC - Unmitigated Residential

	Birth to 2						2 to 16					
Receptor #	g/sec	D1	Dose	R1	ED	Risk	g/sec	D1	Dose	R1	ED	Risk
43	9.5E-03	1.0E-03	2.6E-06	1.6E-01	5.3E-01	2.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
44	9.5E-03	1.0E-03	3.1E-06	1.6E-01	5.3E-01	2.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
45	9.5E-03	1.0E-03	3.6E-06	1.6E-01	5.3E-01	3.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
46	9.5E-03	1.0E-03	4.2E-06	1.6E-01	5.3E-01	3.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
47	9.5E-03	1.0E-03	4.9E-06	1.6E-01	5.3E-01	4.1E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
48	9.5E-03	1.0E-03	5.7E-06	1.6E-01	5.3E-01	4.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
49	9.5E-03	1.0E-03	6.6E-06	1.6E-01	5.3E-01	5.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
50	9.5E-03	1.0E-03	7.5E-06	1.6E-01	5.3E-01	6.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
51	9.5E-03	1.0E-03	8.3E-06	1.6E-01	5.3E-01	6.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
52	9.5E-03	1.0E-03	9.1E-06	1.6E-01	5.3E-01	7.6E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
53	9.5E-03	1.0E-03	9.7E-06	1.6E-01	5.3E-01	8.1E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
54	9.5E-03	1.0E-03	1.0E-05	1.6E-01	5.3E-01	8.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
55	9.5E-03	1.0E-03	9.5E-06	1.6E-01	5.3E-01	7.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
56	9.5E-03	1.0E-03	9.0E-06	1.6E-01	5.3E-01	7.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
57	9.5E-03	1.0E-03	8.2E-06	1.6E-01	5.3E-01	6.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
58	9.5E-03	1.0E-03	7.5E-06	1.6E-01	5.3E-01	6.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
59	9.5E-03	1.0E-03	6.8E-06	1.6E-01	5.3E-01	5.6E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
60	9.5E-03	1.0E-03	6.1E-06	1.6E-01	5.3E-01	5.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
61	9.5E-03	1.0E-03	3.4E-06	1.6E-01	5.3E-01	2.8E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
62	9.5E-03	1.0E-03	4.1E-06	1.6E-01	5.3E-01	3.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
63	9.5E-03	1.0E-03	4.9E-06	1.6E-01	5.3E-01	4.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
64	9.5E-03	1.0E-03	5.9E-06	1.6E-01	5.3E-01	4.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
65	9.5E-03	1.0E-03	7.1E-06	1.6E-01	5.3E-01	5.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
66	9.5E-03	1.0E-03	8.6E-06	1.6E-01	5.3E-01	7.1E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
67	9.5E-03	1.0E-03	1.0E-05	1.6E-01	5.3E-01	8.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
68	9.5E-03	1.0E-03	1.2E-05	1.6E-01	5.3E-01	9.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
69	9.5E-03	1.0E-03	1.3E-05	1.6E-01	5.3E-01	1.1E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
70	9.5E-03	1.0E-03	1.4E-05	1.6E-01	5.3E-01	1.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
71	9.5E-03	1.0E-03	1.5E-05	1.6E-01	5.3E-01	1.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
72	9.5E-03	1.0E-03	1.0E-05	1.6E-01	5.3E-01	8.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
73	9.5E-03	1.0E-03	8.9E-06	1.6E-01	5.3E-01	7.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
74	9.5E-03	1.0E-03	7.8E-06	1.6E-01	5.3E-01	6.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
75	9.5E-03	1.0E-03	6.9E-06	1.6E-01	5.3E-01	5.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
76	9.5E-03	1.0E-03	3.3E-06	1.6E-01	5.3E-01	2.8E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
77	9.5E-03	1.0E-03	4.2E-06	1.6E-01	5.3E-01	3.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
78	9.5E-03	1.0E-03	5.4E-06	1.6E-01	5.3E-01	4.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
79	9.5E-03	1.0E-03	7.1E-06	1.6E-01	5.3E-01	5.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
80	9.5E-03	1.0E-03	9.0E-06	1.6E-01	5.3E-01	7.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
81	9.5E-03	1.0E-03	1.1E-05	1.6E-01	5.3E-01	9.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
82	9.5E-03	1.0E-03	1.4E-05	1.6E-01	5.3E-01	1.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
83	9.5E-03	1.0E-03	1.7E-05	1.6E-01	5.3E-01	1.5E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
84	9.5E-03	1.0E-03	2.0E-05	1.6E-01	5.3E-01	1.7E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
85	9.5E-03	1.0E-03	2.2E-05	1.6E-01	5.3E-01	1.8E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00

MUIR School Project

Risk From P1BC - Unmitigated Residential

	Birth to 2						2 to 16					
Receptor #	g/sec	D1	Dose	R1	ED	Risk	g/sec	D1	Dose	R1	ED	Risk
86	9.5E-03	1.0E-03	2.2E-05	1.6E-01	5.3E-01	1.8E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
87	9.5E-03	1.0E-03	1.2E-05	1.6E-01	5.3E-01	1.0E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
88	9.5E-03	1.0E-03	1.0E-05	1.6E-01	5.3E-01	8.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
89	9.5E-03	1.0E-03	8.9E-06	1.6E-01	5.3E-01	7.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
90	9.5E-03	1.0E-03	7.6E-06	1.6E-01	5.3E-01	6.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
91	9.5E-03	1.0E-03	6.6E-06	1.6E-01	5.3E-01	5.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
92	9.5E-03	1.0E-03	4.0E-06	1.6E-01	5.3E-01	3.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
93	9.5E-03	1.0E-03	5.0E-06	1.6E-01	5.3E-01	4.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
94	9.5E-03	1.0E-03	6.3E-06	1.6E-01	5.3E-01	5.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
95	9.5E-03	1.0E-03	8.5E-06	1.6E-01	5.3E-01	7.1E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
96	9.5E-03	1.0E-03	1.1E-05	1.6E-01	5.3E-01	9.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
97	9.5E-03	1.0E-03	1.6E-05	1.6E-01	5.3E-01	1.3E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
98	9.5E-03	1.0E-03	2.2E-05	1.6E-01	5.3E-01	1.8E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
99	9.5E-03	1.0E-03	2.9E-05	1.6E-01	5.3E-01	2.4E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
100	9.5E-03	1.0E-03	3.6E-05	1.6E-01	5.3E-01	3.0E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
101	9.5E-03	1.0E-03	3.8E-05	1.6E-01	5.3E-01	3.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
102	9.5E-03	1.0E-03	3.7E-05	1.6E-01	5.3E-01	3.1E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
103	9.5E-03	1.0E-03	2.2E-05	1.6E-01	5.3E-01	1.8E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
104	9.5E-03	1.0E-03	1.5E-05	1.6E-01	5.3E-01	1.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
105	9.5E-03	1.0E-03	1.2E-05	1.6E-01	5.3E-01	9.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
106	9.5E-03	1.0E-03	9.9E-06	1.6E-01	5.3E-01	8.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
107	9.5E-03	1.0E-03	8.2E-06	1.6E-01	5.3E-01	6.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
108	9.5E-03	1.0E-03	7.0E-06	1.6E-01	5.3E-01	5.8E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
109	9.5E-03	1.0E-03	5.5E-06	1.6E-01	5.3E-01	4.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
110	9.5E-03	1.0E-03	7.2E-06	1.6E-01	5.3E-01	6.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
111	9.5E-03	1.0E-03	1.0E-05	1.6E-01	5.3E-01	8.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
112	9.5E-03	1.0E-03	1.4E-05	1.6E-01	5.3E-01	1.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
113	9.5E-03	1.0E-03	2.2E-05	1.6E-01	5.3E-01	1.8E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
114	9.5E-03	1.0E-03	3.6E-05	1.6E-01	5.3E-01	3.0E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
115	9.5E-03	1.0E-03	5.8E-05	1.6E-01	5.3E-01	4.8E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
116	9.5E-03	1.0E-03	8.0E-05	1.6E-01	5.3E-01	6.6E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
117	9.5E-03	1.0E-03	8.2E-05	1.6E-01	5.3E-01	6.8E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
118	9.5E-03	1.0E-03	6.8E-05	1.6E-01	5.3E-01	5.6E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
119	9.5E-03	1.0E-03	2.8E-05	1.6E-01	5.3E-01	2.3E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
120	9.5E-03	1.0E-03	2.1E-05	1.6E-01	5.3E-01	1.8E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
121	9.5E-03	1.0E-03	1.7E-05	1.6E-01	5.3E-01	1.4E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
122	9.5E-03	1.0E-03	1.3E-05	1.6E-01	5.3E-01	1.1E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
123	9.5E-03	1.0E-03	1.1E-05	1.6E-01	5.3E-01	8.8E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
124	9.5E-03	1.0E-03	8.7E-06	1.6E-01	5.3E-01	7.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
125	9.5E-03	1.0E-03	7.2E-06	1.6E-01	5.3E-01	6.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
126	9.5E-03	1.0E-03	7.8E-06	1.6E-01	5.3E-01	6.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
127	9.5E-03	1.0E-03	1.1E-05	1.6E-01	5.3E-01	9.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
128	9.5E-03	1.0E-03	1.7E-05	1.6E-01	5.3E-01	1.4E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00

MUIR School Project

Risk From P1BC - Unmitigated Residential

	Birth to 2						2 to 16					
Receptor #	g/sec	D1	Dose	R1	ED	Risk	g/sec	D1	Dose	R1	ED	Risk
129	9.5E-03	1.0E-03	2.8E-05	1.6E-01	5.3E-01	2.3E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
130	9.5E-03	1.0E-03	5.7E-05	1.6E-01	5.3E-01	4.7E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
131	9.5E-03	1.0E-03	1.6E-04	1.6E-01	5.3E-01	1.3E-05	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
132	9.5E-03	1.0E-03	3.4E-04	1.6E-01	5.3E-01	2.8E-05	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
133	9.5E-03	1.0E-03	3.3E-05	1.6E-01	5.3E-01	2.8E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
134	9.5E-03	1.0E-03	2.4E-05	1.6E-01	5.3E-01	2.0E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
135	9.5E-03	1.0E-03	1.8E-05	1.6E-01	5.3E-01	1.5E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
136	9.5E-03	1.0E-03	1.4E-05	1.6E-01	5.3E-01	1.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
137	9.5E-03	1.0E-03	1.1E-05	1.6E-01	5.3E-01	9.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
138	9.5E-03	1.0E-03	8.9E-06	1.6E-01	5.3E-01	7.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
139	9.5E-03	1.0E-03	7.4E-06	1.6E-01	5.3E-01	6.1E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
140	9.5E-03	1.0E-03	8.2E-06	1.6E-01	5.3E-01	6.8E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
141	9.5E-03	1.0E-03	1.2E-05	1.6E-01	5.3E-01	9.8E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
142	9.5E-03	1.0E-03	1.8E-05	1.6E-01	5.3E-01	1.5E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
143	9.5E-03	1.0E-03	3.2E-05	1.6E-01	5.3E-01	2.7E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
144	9.5E-03	1.0E-03	7.7E-05	1.6E-01	5.3E-01	6.4E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
145	9.5E-03	1.0E-03	3.7E-05	1.6E-01	5.3E-01	3.1E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
146	9.5E-03	1.0E-03	2.6E-05	1.6E-01	5.3E-01	2.1E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
147	9.5E-03	1.0E-03	1.9E-05	1.6E-01	5.3E-01	1.6E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
148	9.5E-03	1.0E-03	1.4E-05	1.6E-01	5.3E-01	1.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
149	9.5E-03	1.0E-03	1.1E-05	1.6E-01	5.3E-01	9.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
150	9.5E-03	1.0E-03	9.1E-06	1.6E-01	5.3E-01	7.6E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
151	9.5E-03	1.0E-03	7.5E-06	1.6E-01	5.3E-01	6.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
152	9.5E-03	1.0E-03	1.8E-05	1.6E-01	5.3E-01	1.5E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
153	9.5E-03	1.0E-03	3.0E-05	1.6E-01	5.3E-01	2.5E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
154	9.5E-03	1.0E-03	6.0E-05	1.6E-01	5.3E-01	5.0E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
155	9.5E-03	1.0E-03	2.6E-05	1.6E-01	5.3E-01	2.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
156	9.5E-03	1.0E-03	1.9E-05	1.6E-01	5.3E-01	1.6E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
157	9.5E-03	1.0E-03	1.5E-05	1.6E-01	5.3E-01	1.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
158	9.5E-03	1.0E-03	1.1E-05	1.6E-01	5.3E-01	9.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
159	9.5E-03	1.0E-03	9.2E-06	1.6E-01	5.3E-01	7.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
160	9.5E-03	1.0E-03	7.6E-06	1.6E-01	5.3E-01	6.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
161	9.5E-03	1.0E-03	1.1E-05	1.6E-01	5.3E-01	8.8E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
162	9.5E-03	1.0E-03	1.5E-05	1.6E-01	5.3E-01	1.3E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
163	9.5E-03	1.0E-03	2.4E-05	1.6E-01	5.3E-01	2.0E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
164	9.5E-03	1.0E-03	4.0E-05	1.6E-01	5.3E-01	3.3E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
165	9.5E-03	1.0E-03	7.1E-05	1.6E-01	5.3E-01	5.9E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
166	9.5E-03	1.0E-03	2.5E-05	1.6E-01	5.3E-01	2.1E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
167	9.5E-03	1.0E-03	1.9E-05	1.6E-01	5.3E-01	1.6E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
168	9.5E-03	1.0E-03	1.4E-05	1.6E-01	5.3E-01	1.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
169	9.5E-03	1.0E-03	1.1E-05	1.6E-01	5.3E-01	9.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
170	9.5E-03	1.0E-03	9.4E-06	1.6E-01	5.3E-01	7.8E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
171	9.5E-03	1.0E-03	7.7E-06	1.6E-01	5.3E-01	6.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00

MUIR School Project

Risk From P1BC - Unmitigated Residential

	Birth to 2						2 to 16					
Receptor #	g/sec	D1	Dose	R1	ED	Risk	g/sec	D1	Dose	R1	ED	Risk
172	9.5E-03	1.0E-03	9.2E-06	1.6E-01	5.3E-01	7.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
173	9.5E-03	1.0E-03	1.3E-05	1.6E-01	5.3E-01	1.1E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
174	9.5E-03	1.0E-03	1.8E-05	1.6E-01	5.3E-01	1.5E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
175	9.5E-03	1.0E-03	2.6E-05	1.6E-01	5.3E-01	2.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
176	9.5E-03	1.0E-03	3.8E-05	1.6E-01	5.3E-01	3.1E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
177	9.5E-03	1.0E-03	3.8E-05	1.6E-01	5.3E-01	3.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
178	9.5E-03	1.0E-03	2.9E-05	1.6E-01	5.3E-01	2.4E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
179	9.5E-03	1.0E-03	2.2E-05	1.6E-01	5.3E-01	1.9E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
180	9.5E-03	1.0E-03	1.8E-05	1.6E-01	5.3E-01	1.5E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
181	9.5E-03	1.0E-03	1.4E-05	1.6E-01	5.3E-01	1.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
182	9.5E-03	1.0E-03	1.1E-05	1.6E-01	5.3E-01	9.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
183	9.5E-03	1.0E-03	9.4E-06	1.6E-01	5.3E-01	7.8E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
184	9.5E-03	1.0E-03	7.7E-06	1.6E-01	5.3E-01	6.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
185	9.5E-03	1.0E-03	1.8E-05	1.6E-01	5.3E-01	1.5E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
186	9.5E-03	1.0E-03	2.3E-05	1.6E-01	5.3E-01	1.9E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
187	9.5E-03	1.0E-03	2.9E-05	1.6E-01	5.3E-01	2.4E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
188	9.5E-03	1.0E-03	3.4E-05	1.6E-01	5.3E-01	2.8E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
189	9.5E-03	1.0E-03	3.1E-05	1.6E-01	5.3E-01	2.6E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
190	9.5E-03	1.0E-03	2.7E-05	1.6E-01	5.3E-01	2.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
191	9.5E-03	1.0E-03	2.3E-05	1.6E-01	5.3E-01	1.9E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
192	9.5E-03	1.0E-03	1.9E-05	1.6E-01	5.3E-01	1.6E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
193	9.5E-03	1.0E-03	1.5E-05	1.6E-01	5.3E-01	1.3E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
194	9.5E-03	1.0E-03	1.3E-05	1.6E-01	5.3E-01	1.1E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
195	9.5E-03	1.0E-03	1.1E-05	1.6E-01	5.3E-01	8.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
196	9.5E-03	1.0E-03	9.0E-06	1.6E-01	5.3E-01	7.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
197	9.5E-03	1.0E-03	7.6E-06	1.6E-01	5.3E-01	6.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
198	9.5E-03	1.0E-03	1.0E-05	1.6E-01	5.3E-01	8.6E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
199	9.5E-03	1.0E-03	1.3E-05	1.6E-01	5.3E-01	1.1E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
200	9.5E-03	1.0E-03	1.6E-05	1.6E-01	5.3E-01	1.3E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
201	9.5E-03	1.0E-03	1.8E-05	1.6E-01	5.3E-01	1.5E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
202	9.5E-03	1.0E-03	2.1E-05	1.6E-01	5.3E-01	1.7E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
203	9.5E-03	1.0E-03	2.1E-05	1.6E-01	5.3E-01	1.7E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
204	9.5E-03	1.0E-03	2.0E-05	1.6E-01	5.3E-01	1.7E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
205	9.5E-03	1.0E-03	1.9E-05	1.6E-01	5.3E-01	1.6E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
206	9.5E-03	1.0E-03	1.7E-05	1.6E-01	5.3E-01	1.4E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
207	9.5E-03	1.0E-03	1.5E-05	1.6E-01	5.3E-01	1.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
208	9.5E-03	1.0E-03	1.3E-05	1.6E-01	5.3E-01	1.1E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
209	9.5E-03	1.0E-03	1.1E-05	1.6E-01	5.3E-01	9.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
210	9.5E-03	1.0E-03	9.6E-06	1.6E-01	5.3E-01	8.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
211	9.5E-03	1.0E-03	8.3E-06	1.6E-01	5.3E-01	6.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
212	9.5E-03	1.0E-03	7.2E-06	1.6E-01	5.3E-01	5.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
213	9.5E-03	1.0E-03	8.0E-06	1.6E-01	5.3E-01	6.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
214	9.5E-03	1.0E-03	9.5E-06	1.6E-01	5.3E-01	7.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00

MUIR School Project

Risk From P1BC - Unmitigated Residential

	Birth to 2						2 to 16					
Receptor #	g/sec	D1	Dose	R1	ED	Risk	g/sec	D1	Dose	R1	ED	Risk
215	9.5E-03	1.0E-03	1.1E-05	1.6E-01	5.3E-01	9.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
216	9.5E-03	1.0E-03	1.3E-05	1.6E-01	5.3E-01	1.1E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
217	9.5E-03	1.0E-03	1.4E-05	1.6E-01	5.3E-01	1.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
218	9.5E-03	1.0E-03	1.4E-05	1.6E-01	5.3E-01	1.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
219	9.5E-03	1.0E-03	1.4E-05	1.6E-01	5.3E-01	1.2E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
220	9.5E-03	1.0E-03	1.4E-05	1.6E-01	5.3E-01	1.1E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
221	9.5E-03	1.0E-03	1.3E-05	1.6E-01	5.3E-01	1.0E-06	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
222	9.5E-03	1.0E-03	1.2E-05	1.6E-01	5.3E-01	9.6E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
223	9.5E-03	1.0E-03	1.0E-05	1.6E-01	5.3E-01	8.6E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
224	9.5E-03	1.0E-03	9.3E-06	1.6E-01	5.3E-01	7.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
225	9.5E-03	1.0E-03	8.3E-06	1.6E-01	5.3E-01	6.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
226	9.5E-03	1.0E-03	7.3E-06	1.6E-01	5.3E-01	6.1E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
227	9.5E-03	1.0E-03	6.5E-06	1.6E-01	5.3E-01	5.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
228	9.5E-03	1.0E-03	7.3E-06	1.6E-01	5.3E-01	6.1E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
229	9.5E-03	1.0E-03	8.4E-06	1.6E-01	5.3E-01	6.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
230	9.5E-03	1.0E-03	9.4E-06	1.6E-01	5.3E-01	7.8E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
231	9.5E-03	1.0E-03	1.0E-05	1.6E-01	5.3E-01	8.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
232	9.5E-03	1.0E-03	1.0E-05	1.6E-01	5.3E-01	8.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
233	9.5E-03	1.0E-03	1.0E-05	1.6E-01	5.3E-01	8.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
234	9.5E-03	1.0E-03	1.0E-05	1.6E-01	5.3E-01	8.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
235	9.5E-03	1.0E-03	9.6E-06	1.6E-01	5.3E-01	8.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
236	9.5E-03	1.0E-03	9.0E-06	1.6E-01	5.3E-01	7.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
237	9.5E-03	1.0E-03	8.4E-06	1.6E-01	5.3E-01	7.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
238	9.5E-03	1.0E-03	7.5E-06	1.6E-01	5.3E-01	6.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
239	9.5E-03	1.0E-03	6.9E-06	1.6E-01	5.3E-01	5.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
240	9.5E-03	1.0E-03	6.3E-06	1.6E-01	5.3E-01	5.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
241	9.5E-03	1.0E-03	5.8E-06	1.6E-01	5.3E-01	4.8E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
242	9.5E-03	1.0E-03	4.5E-06	1.6E-01	5.3E-01	3.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
243	9.5E-03	1.0E-03	5.1E-06	1.6E-01	5.3E-01	4.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
244	9.5E-03	1.0E-03	5.8E-06	1.6E-01	5.3E-01	4.8E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
245	9.5E-03	1.0E-03	6.5E-06	1.6E-01	5.3E-01	5.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
246	9.5E-03	1.0E-03	7.2E-06	1.6E-01	5.3E-01	6.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
247	9.5E-03	1.0E-03	7.7E-06	1.6E-01	5.3E-01	6.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
248	9.5E-03	1.0E-03	8.0E-06	1.6E-01	5.3E-01	6.6E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
249	9.5E-03	1.0E-03	8.0E-06	1.6E-01	5.3E-01	6.6E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
250	9.5E-03	1.0E-03	7.8E-06	1.6E-01	5.3E-01	6.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
251	9.5E-03	1.0E-03	7.5E-06	1.6E-01	5.3E-01	6.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
252	9.5E-03	1.0E-03	6.7E-06	1.6E-01	5.3E-01	5.6E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
253	9.5E-03	1.0E-03	6.4E-06	1.6E-01	5.3E-01	5.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
254	9.5E-03	1.0E-03	6.0E-06	1.6E-01	5.3E-01	5.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
255	9.5E-03	1.0E-03	5.7E-06	1.6E-01	5.3E-01	4.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
256	9.5E-03	1.0E-03	5.3E-06	1.6E-01	5.3E-01	4.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
257	9.5E-03	1.0E-03	5.0E-06	1.6E-01	5.3E-01	4.1E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00

MUIR School Project

Risk From P1BC - Unmitigated Residential

	Birth to 2						2 to 16					
Receptor #	g/sec	D1	Dose	R1	ED	Risk	g/sec	D1	Dose	R1	ED	Risk
258	9.5E-03	1.0E-03	3.8E-06	1.6E-01	5.3E-01	3.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
259	9.5E-03	1.0E-03	4.2E-06	1.6E-01	5.3E-01	3.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
260	9.5E-03	1.0E-03	5.3E-06	1.6E-01	5.3E-01	4.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
261	9.5E-03	1.0E-03	5.7E-06	1.6E-01	5.3E-01	4.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
262	9.5E-03	1.0E-03	6.1E-06	1.6E-01	5.3E-01	5.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
263	9.5E-03	1.0E-03	6.2E-06	1.6E-01	5.3E-01	5.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
264	9.5E-03	1.0E-03	6.3E-06	1.6E-01	5.3E-01	5.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
265	9.5E-03	1.0E-03	5.9E-06	1.6E-01	5.3E-01	4.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
266	9.5E-03	1.0E-03	5.9E-06	1.6E-01	5.3E-01	4.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
267	9.5E-03	1.0E-03	5.8E-06	1.6E-01	5.3E-01	4.8E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
268	9.5E-03	1.0E-03	5.1E-06	1.6E-01	5.3E-01	4.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
269	9.5E-03	1.0E-03	4.9E-06	1.6E-01	5.3E-01	4.1E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
270	9.5E-03	1.0E-03	4.7E-06	1.6E-01	5.3E-01	3.9E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
271	9.5E-03	1.0E-03	4.5E-06	1.6E-01	5.3E-01	3.7E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
272	9.5E-03	1.0E-03	4.2E-06	1.6E-01	5.3E-01	3.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
273	9.5E-03	1.0E-03	4.6E-06	1.6E-01	5.3E-01	3.8E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
274	9.5E-03	1.0E-03	4.9E-06	1.6E-01	5.3E-01	4.1E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
275	9.5E-03	1.0E-03	5.1E-06	1.6E-01	5.3E-01	4.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
276	9.5E-03	1.0E-03	5.1E-06	1.6E-01	5.3E-01	4.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
277	9.5E-03	1.0E-03	4.8E-06	1.6E-01	5.3E-01	4.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
278	9.5E-03	1.0E-03	4.8E-06	1.6E-01	5.3E-01	4.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
279	9.5E-03	1.0E-03	4.8E-06	1.6E-01	5.3E-01	4.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
280	9.5E-03	1.0E-03	4.2E-06	1.6E-01	5.3E-01	3.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
281	9.5E-03	1.0E-03	4.0E-06	1.6E-01	5.3E-01	3.4E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
282	9.5E-03	1.0E-03	3.9E-06	1.6E-01	5.3E-01	3.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
283	9.5E-03	1.0E-03	3.6E-06	1.6E-01	5.3E-01	3.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
284	9.5E-03	1.0E-03	3.6E-06	1.6E-01	5.3E-01	3.0E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00

Risk From P1P1 - Unmitigated Residential

MUIR School Project

Risk From P1P1 - Unmitigated Residential

Max 0.45

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.26193	0.00	2.1E-09	1.7E-03	1.0E-03	4.8E-07	1.6E-01	2.7E-02	2.1E-09
44	0.30546	0.00	2.4E-09	1.7E-03	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09
45	0.35988	0.00	2.8E-09	1.7E-03	1.0E-03	6.6E-07	1.6E-01	2.7E-02	2.8E-09
46	0.42912	0.00	3.4E-09	1.7E-03	1.0E-03	7.8E-07	1.6E-01	2.7E-02	3.4E-09
47	0.51578	0.00	4.1E-09	1.7E-03	1.0E-03	9.4E-07	1.6E-01	2.7E-02	4.1E-09
48	0.62196	0.00	4.9E-09	1.7E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.9E-09
49	0.75041	0.01	5.9E-09	1.7E-03	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.9E-09
50	0.89451	0.01	7.0E-09	1.7E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.0E-09
51	1.04711	0.01	8.2E-09	1.7E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.2E-09
52	1.19277	0.01	9.4E-09	1.7E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.4E-09
53	1.32136	0.01	1.0E-08	1.7E-03	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
54	1.41401	0.01	1.1E-08	1.7E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
55	1.34624	0.01	1.1E-08	1.7E-03	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
56	1.24587	0.01	9.8E-09	1.7E-03	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.8E-09
57	1.12089	0.01	8.8E-09	1.7E-03	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.8E-09
58	0.99376	0.01	7.8E-09	1.7E-03	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.8E-09
59	0.87339	0.01	6.9E-09	1.7E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.9E-09
60	0.76483	0.01	6.0E-09	1.7E-03	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.0E-09
61	0.33198	0.00	2.6E-09	1.7E-03	1.0E-03	6.1E-07	1.6E-01	2.7E-02	2.6E-09
62	0.40018	0.00	3.1E-09	1.7E-03	1.0E-03	7.3E-07	1.6E-01	2.7E-02	3.1E-09
63	0.48793	0.00	3.8E-09	1.7E-03	1.0E-03	8.9E-07	1.6E-01	2.7E-02	3.8E-09
64	0.60382	0.00	4.7E-09	1.7E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.7E-09
65	0.75939	0.01	6.0E-09	1.7E-03	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.0E-09
66	0.96173	0.01	7.6E-09	1.7E-03	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
67	1.21262	0.01	9.5E-09	1.7E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.5E-09
68	1.50146	0.01	1.2E-08	1.7E-03	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
69	1.7881	0.01	1.4E-08	1.7E-03	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
70	2.03841	0.02	1.6E-08	1.7E-03	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
71	2.19193	0.02	1.7E-08	1.7E-03	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
72	1.40686	0.01	1.1E-08	1.7E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
73	1.19604	0.01	9.4E-09	1.7E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.4E-09
74	1.01523	0.01	8.0E-09	1.7E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.0E-09
75	0.86428	0.01	6.8E-09	1.7E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.8E-09
76	0.32019	0.00	2.5E-09	1.7E-03	1.0E-03	5.8E-07	1.6E-01	2.7E-02	2.5E-09
77	0.40593	0.00	3.2E-09	1.7E-03	1.0E-03	7.4E-07	1.6E-01	2.7E-02	3.2E-09
78	0.52383	0.00	4.1E-09	1.7E-03	1.0E-03	9.6E-07	1.6E-01	2.7E-02	4.1E-09
79	0.70151	0.01	5.5E-09	1.7E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.5E-09
80	0.92099	0.01	7.2E-09	1.7E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
81	1.2422	0.01	9.8E-09	1.7E-03	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.8E-09
82	1.69971	0.01	1.3E-08	1.7E-03	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
83	2.30846	0.02	1.8E-08	1.7E-03	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
84	2.98287	0.02	2.3E-08	1.7E-03	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
85	3.55376	0.03	2.8E-08	1.7E-03	1.0E-03	6.5E-06	1.6E-01	2.7E-02	2.8E-08

MUIR School Project

Risk From P1P1 - Unmitigated Residential

Max 0.45

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
86	3.79824	0.03	3.0E-08	1.7E-03	1.0E-03	6.9E-06	1.6E-01	2.7E-02	3.0E-08
87	1.72085	0.01	1.4E-08	1.7E-03	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.4E-08
88	1.3977	0.01	1.1E-08	1.7E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
89	1.14517	0.01	9.0E-09	1.7E-03	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.0E-09
90	0.9476	0.01	7.5E-09	1.7E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.5E-09
91	0.79171	0.01	6.2E-09	1.7E-03	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
92	0.37191	0.00	2.9E-09	1.7E-03	1.0E-03	6.8E-07	1.6E-01	2.7E-02	2.9E-09
93	0.46591	0.00	3.7E-09	1.7E-03	1.0E-03	8.5E-07	1.6E-01	2.7E-02	3.7E-09
94	0.58858	0.00	4.6E-09	1.7E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
95	0.79706	0.01	6.3E-09	1.7E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
96	1.09598	0.01	8.6E-09	1.7E-03	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.6E-09
97	1.58114	0.01	1.2E-08	1.7E-03	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
98	2.42916	0.02	1.9E-08	1.7E-03	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
99	3.86335	0.03	3.0E-08	1.7E-03	1.0E-03	7.1E-06	1.6E-01	2.7E-02	3.0E-08
100	5.91056	0.05	4.6E-08	1.7E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.6E-08
101	7.64665	0.06	6.0E-08	1.7E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.0E-08
102	7.80803	0.06	6.1E-08	1.7E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.1E-08
103	3.56613	0.03	2.8E-08	1.7E-03	1.0E-03	6.5E-06	1.6E-01	2.7E-02	2.8E-08
104	2.01357	0.02	1.6E-08	1.7E-03	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
105	1.56638	0.01	1.2E-08	1.7E-03	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
106	1.24425	0.01	9.8E-09	1.7E-03	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.8E-09
107	1.00348	0.01	7.9E-09	1.7E-03	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.9E-09
108	0.82617	0.01	6.5E-09	1.7E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.5E-09
109	0.4907	0.00	3.9E-09	1.7E-03	1.0E-03	9.0E-07	1.6E-01	2.7E-02	3.9E-09
110	0.63692	0.01	5.0E-09	1.7E-03	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.0E-09
111	0.87596	0.01	6.9E-09	1.7E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.9E-09
112	1.25075	0.01	9.8E-09	1.7E-03	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.8E-09
113	1.91225	0.02	1.5E-08	1.7E-03	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
114	3.35871	0.03	2.6E-08	1.7E-03	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
115	6.80264	0.05	5.4E-08	1.7E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.4E-08
116	15.6008	0.12	1.2E-07	1.7E-03	1.0E-03	2.8E-05	1.6E-01	2.7E-02	1.2E-07
117	26.25565	0.21	2.1E-07	1.7E-03	1.0E-03	4.8E-05	1.6E-01	2.7E-02	2.1E-07
118	20.45034	0.16	1.6E-07	1.7E-03	1.0E-03	3.7E-05	1.6E-01	2.7E-02	1.6E-07
119	4.46212	0.04	3.5E-08	1.7E-03	1.0E-03	8.2E-06	1.6E-01	2.7E-02	3.5E-08
120	3.06963	0.02	2.4E-08	1.7E-03	1.0E-03	5.6E-06	1.6E-01	2.7E-02	2.4E-08
121	2.22343	0.02	1.7E-08	1.7E-03	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.7E-08
122	1.68178	0.01	1.3E-08	1.7E-03	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
123	1.30589	0.01	1.0E-08	1.7E-03	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
124	1.03875	0.01	8.2E-09	1.7E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.2E-09
125	0.84357	0.01	6.6E-09	1.7E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.6E-09
126	0.66417	0.01	5.2E-09	1.7E-03	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
127	0.91639	0.01	7.2E-09	1.7E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
128	1.33621	0.01	1.1E-08	1.7E-03	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.1E-08

MUIR School Project

Risk From P1P1 - Unmitigated Residential

Max 0.45

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	2.09113	0.02	1.6E-08	1.7E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
130	3.88899	0.03	3.1E-08	1.7E-03	1.0E-03	7.1E-06	1.6E-01	2.7E-02	3.1E-08
131	10.37083	0.08	8.2E-08	1.7E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.2E-08
132	57.62595	0.45	4.5E-07	1.7E-03	1.0E-03	1.1E-04	1.6E-01	2.7E-02	4.5E-07
133	4.96635	0.04	3.9E-08	1.7E-03	1.0E-03	9.1E-06	1.6E-01	2.7E-02	3.9E-08
134	3.31565	0.03	2.6E-08	1.7E-03	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
135	2.34917	0.02	1.8E-08	1.7E-03	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.8E-08
136	1.74428	0.01	1.4E-08	1.7E-03	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
137	1.33513	0.01	1.1E-08	1.7E-03	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.1E-08
138	1.05889	0.01	8.3E-09	1.7E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.3E-09
139	0.85959	0.01	6.8E-09	1.7E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.8E-09
140	0.66439	0.01	5.2E-09	1.7E-03	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
141	0.91122	0.01	7.2E-09	1.7E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
142	1.31658	0.01	1.0E-08	1.7E-03	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
143	2.06905	0.02	1.6E-08	1.7E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
144	3.76122	0.03	3.0E-08	1.7E-03	1.0E-03	6.9E-06	1.6E-01	2.7E-02	3.0E-08
145	4.95658	0.04	3.9E-08	1.7E-03	1.0E-03	9.1E-06	1.6E-01	2.7E-02	3.9E-08
146	3.30049	0.03	2.6E-08	1.7E-03	1.0E-03	6.0E-06	1.6E-01	2.7E-02	2.6E-08
147	2.37085	0.02	1.9E-08	1.7E-03	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.9E-08
148	1.76437	0.01	1.4E-08	1.7E-03	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
149	1.3592	0.01	1.1E-08	1.7E-03	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
150	1.07586	0.01	8.5E-09	1.7E-03	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.5E-09
151	0.8748	0.01	6.9E-09	1.7E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.9E-09
152	1.20477	0.01	9.5E-09	1.7E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.5E-09
153	1.79974	0.01	1.4E-08	1.7E-03	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
154	2.8456	0.02	2.2E-08	1.7E-03	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.2E-08
155	3.09493	0.02	2.4E-08	1.7E-03	1.0E-03	5.7E-06	1.6E-01	2.7E-02	2.4E-08
156	2.27977	0.02	1.8E-08	1.7E-03	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
157	1.73257	0.01	1.4E-08	1.7E-03	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
158	1.34762	0.01	1.1E-08	1.7E-03	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
159	1.07682	0.01	8.5E-09	1.7E-03	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.5E-09
160	0.88926	0.01	7.0E-09	1.7E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.0E-09
161	0.77518	0.01	6.1E-09	1.7E-03	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.1E-09
162	1.03705	0.01	8.2E-09	1.7E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.2E-09
163	1.45141	0.01	1.1E-08	1.7E-03	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
164	2.06628	0.02	1.6E-08	1.7E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
165	3.01074	0.02	2.4E-08	1.7E-03	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.4E-08
166	2.63463	0.02	2.1E-08	1.7E-03	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
167	2.05748	0.02	1.6E-08	1.7E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
168	1.62241	0.01	1.3E-08	1.7E-03	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
169	1.29845	0.01	1.0E-08	1.7E-03	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
170	1.06439	0.01	8.4E-09	1.7E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.4E-09
171	0.88418	0.01	7.0E-09	1.7E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.0E-09

MUIR School Project

Risk From P1P1 - Unmitigated Residential

Max 0.45

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	0.67654	0.01	5.3E-09	1.7E-03	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
173	0.87227	0.01	6.9E-09	1.7E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.9E-09
174	1.13973	0.01	9.0E-09	1.7E-03	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.0E-09
175	1.50013	0.01	1.2E-08	1.7E-03	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
176	1.94713	0.02	1.5E-08	1.7E-03	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
177	2.87886	0.02	2.3E-08	1.7E-03	1.0E-03	5.3E-06	1.6E-01	2.7E-02	2.3E-08
178	2.48236	0.02	2.0E-08	1.7E-03	1.0E-03	4.5E-06	1.6E-01	2.7E-02	2.0E-08
179	2.08927	0.02	1.6E-08	1.7E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
180	1.73612	0.01	1.4E-08	1.7E-03	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
181	1.43675	0.01	1.1E-08	1.7E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
182	1.19565	0.01	9.4E-09	1.7E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.4E-09
183	1.01588	0.01	8.0E-09	1.7E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.0E-09
184	0.85337	0.01	6.7E-09	1.7E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.7E-09
185	1.11379	0.01	8.8E-09	1.7E-03	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.8E-09
186	1.37567	0.01	1.1E-08	1.7E-03	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
187	1.65677	0.01	1.3E-08	1.7E-03	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
188	2.06727	0.02	1.6E-08	1.7E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
189	2.06125	0.02	1.6E-08	1.7E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
190	1.95578	0.02	1.5E-08	1.7E-03	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
191	1.79321	0.01	1.4E-08	1.7E-03	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
192	1.59598	0.01	1.3E-08	1.7E-03	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
193	1.39945	0.01	1.1E-08	1.7E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
194	1.21417	0.01	9.5E-09	1.7E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.5E-09
195	1.05357	0.01	8.3E-09	1.7E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.3E-09
196	0.91734	0.01	7.2E-09	1.7E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
197	0.79334	0.01	6.2E-09	1.7E-03	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
198	0.71781	0.01	5.6E-09	1.7E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09
199	0.85218	0.01	6.7E-09	1.7E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.7E-09
200	1.00777	0.01	7.9E-09	1.7E-03	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.9E-09
201	1.16561	0.01	9.2E-09	1.7E-03	1.0E-03	2.1E-06	1.6E-01	2.7E-02	9.2E-09
202	1.31916	0.01	1.0E-08	1.7E-03	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
203	1.40551	0.01	1.1E-08	1.7E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
204	1.43052	0.01	1.1E-08	1.7E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
205	1.39211	0.01	1.1E-08	1.7E-03	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
206	1.30865	0.01	1.0E-08	1.7E-03	1.0E-03	2.4E-06	1.6E-01	2.7E-02	1.0E-08
207	1.21363	0.01	9.5E-09	1.7E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.5E-09
208	1.10677	0.01	8.7E-09	1.7E-03	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.7E-09
209	0.99099	0.01	7.8E-09	1.7E-03	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.8E-09
210	0.89088	0.01	7.0E-09	1.7E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.0E-09
211	0.7979	0.01	6.3E-09	1.7E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
212	0.70864	0.01	5.6E-09	1.7E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09
213	0.58082	0.00	4.6E-09	1.7E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
214	0.67263	0.01	5.3E-09	1.7E-03	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09

MUIR School Project

Risk From P1P1 - Unmitigated Residential

Max 0.45

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
215	0.76548	0.01	6.0E-09	1.7E-03	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.0E-09
216	0.87098	0.01	6.9E-09	1.7E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.9E-09
217	0.96294	0.01	7.6E-09	1.7E-03	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.6E-09
218	1.02518	0.01	8.1E-09	1.7E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.1E-09
219	1.04054	0.01	8.2E-09	1.7E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.2E-09
220	1.02674	0.01	8.1E-09	1.7E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.1E-09
221	0.9901	0.01	7.8E-09	1.7E-03	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.8E-09
222	0.93655	0.01	7.4E-09	1.7E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.4E-09
223	0.8752	0.01	6.9E-09	1.7E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.9E-09
224	0.81257	0.01	6.4E-09	1.7E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.4E-09
225	0.73349	0.01	5.8E-09	1.7E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.8E-09
226	0.66485	0.01	5.2E-09	1.7E-03	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
227	0.61306	0.00	4.8E-09	1.7E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
228	0.5387	0.00	4.2E-09	1.7E-03	1.0E-03	9.8E-07	1.6E-01	2.7E-02	4.2E-09
229	0.60689	0.00	4.8E-09	1.7E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
230	0.67501	0.01	5.3E-09	1.7E-03	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.3E-09
231	0.73669	0.01	5.8E-09	1.7E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.8E-09
232	0.77934	0.01	6.1E-09	1.7E-03	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.1E-09
233	0.79753	0.01	6.3E-09	1.7E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
234	0.79192	0.01	6.2E-09	1.7E-03	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
235	0.7673	0.01	6.0E-09	1.7E-03	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.0E-09
236	0.73984	0.01	5.8E-09	1.7E-03	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.8E-09
237	0.70219	0.01	5.5E-09	1.7E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.5E-09
238	0.61954	0.00	4.9E-09	1.7E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.9E-09
239	0.5891	0.00	4.6E-09	1.7E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
240	0.55393	0.00	4.4E-09	1.7E-03	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.4E-09
241	0.51983	0.00	4.1E-09	1.7E-03	1.0E-03	9.5E-07	1.6E-01	2.7E-02	4.1E-09
242	0.35555	0.00	2.8E-09	1.7E-03	1.0E-03	6.5E-07	1.6E-01	2.7E-02	2.8E-09
243	0.39822	0.00	3.1E-09	1.7E-03	1.0E-03	7.3E-07	1.6E-01	2.7E-02	3.1E-09
244	0.44318	0.00	3.5E-09	1.7E-03	1.0E-03	8.1E-07	1.6E-01	2.7E-02	3.5E-09
245	0.49228	0.00	3.9E-09	1.7E-03	1.0E-03	9.0E-07	1.6E-01	2.7E-02	3.9E-09
246	0.54016	0.00	4.2E-09	1.7E-03	1.0E-03	9.9E-07	1.6E-01	2.7E-02	4.2E-09
247	0.58255	0.00	4.6E-09	1.7E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.6E-09
248	0.61516	0.00	4.8E-09	1.7E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
249	0.6285	0.00	4.9E-09	1.7E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.9E-09
250	0.62796	0.00	4.9E-09	1.7E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.9E-09
251	0.61611	0.00	4.8E-09	1.7E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
252	0.571	0.00	4.5E-09	1.7E-03	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.5E-09
253	0.52898	0.00	4.2E-09	1.7E-03	1.0E-03	9.7E-07	1.6E-01	2.7E-02	4.2E-09
254	0.50177	0.00	3.9E-09	1.7E-03	1.0E-03	9.2E-07	1.6E-01	2.7E-02	3.9E-09
255	0.47995	0.00	3.8E-09	1.7E-03	1.0E-03	8.8E-07	1.6E-01	2.7E-02	3.8E-09
256	0.45882	0.00	3.6E-09	1.7E-03	1.0E-03	8.4E-07	1.6E-01	2.7E-02	3.6E-09
257	0.43642	0.00	3.4E-09	1.7E-03	1.0E-03	8.0E-07	1.6E-01	2.7E-02	3.4E-09

MUIR School Project

Risk From P1P1 - Unmitigated Residential

	Max	0.45							
							Birth to 2		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
258	0.30692	0.00	2.4E-09	1.7E-03	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09
259	0.33751	0.00	2.7E-09	1.7E-03	1.0E-03	6.2E-07	1.6E-01	2.7E-02	2.7E-09
260	0.40993	0.00	3.2E-09	1.7E-03	1.0E-03	7.5E-07	1.6E-01	2.7E-02	3.2E-09
261	0.44268	0.00	3.5E-09	1.7E-03	1.0E-03	8.1E-07	1.6E-01	2.7E-02	3.5E-09
262	0.47467	0.00	3.7E-09	1.7E-03	1.0E-03	8.7E-07	1.6E-01	2.7E-02	3.7E-09
263	0.49563	0.00	3.9E-09	1.7E-03	1.0E-03	9.1E-07	1.6E-01	2.7E-02	3.9E-09
264	0.50998	0.00	4.0E-09	1.7E-03	1.0E-03	9.3E-07	1.6E-01	2.7E-02	4.0E-09
265	0.50977	0.00	4.0E-09	1.7E-03	1.0E-03	9.3E-07	1.6E-01	2.7E-02	4.0E-09
266	0.50304	0.00	4.0E-09	1.7E-03	1.0E-03	9.2E-07	1.6E-01	2.7E-02	4.0E-09
267	0.49114	0.00	3.9E-09	1.7E-03	1.0E-03	9.0E-07	1.6E-01	2.7E-02	3.9E-09
268	0.43459	0.00	3.4E-09	1.7E-03	1.0E-03	7.9E-07	1.6E-01	2.7E-02	3.4E-09
269	0.4144	0.00	3.3E-09	1.7E-03	1.0E-03	7.6E-07	1.6E-01	2.7E-02	3.3E-09
270	0.39533	0.00	3.1E-09	1.7E-03	1.0E-03	7.2E-07	1.6E-01	2.7E-02	3.1E-09
271	0.3844	0.00	3.0E-09	1.7E-03	1.0E-03	7.0E-07	1.6E-01	2.7E-02	3.0E-09
272	0.36898	0.00	2.9E-09	1.7E-03	1.0E-03	6.7E-07	1.6E-01	2.7E-02	2.9E-09
273	0.36962	0.00	2.9E-09	1.7E-03	1.0E-03	6.8E-07	1.6E-01	2.7E-02	2.9E-09
274	0.39318	0.00	3.1E-09	1.7E-03	1.0E-03	7.2E-07	1.6E-01	2.7E-02	3.1E-09
275	0.4105	0.00	3.2E-09	1.7E-03	1.0E-03	7.5E-07	1.6E-01	2.7E-02	3.2E-09
276	0.42159	0.00	3.3E-09	1.7E-03	1.0E-03	7.7E-07	1.6E-01	2.7E-02	3.3E-09
277	0.42341	0.00	3.3E-09	1.7E-03	1.0E-03	7.7E-07	1.6E-01	2.7E-02	3.3E-09
278	0.41976	0.00	3.3E-09	1.7E-03	1.0E-03	7.7E-07	1.6E-01	2.7E-02	3.3E-09
279	0.41264	0.00	3.2E-09	1.7E-03	1.0E-03	7.5E-07	1.6E-01	2.7E-02	3.2E-09
280	0.35892	0.00	2.8E-09	1.7E-03	1.0E-03	6.6E-07	1.6E-01	2.7E-02	2.8E-09
281	0.34727	0.00	2.7E-09	1.7E-03	1.0E-03	6.3E-07	1.6E-01	2.7E-02	2.7E-09
282	0.33372	0.00	2.6E-09	1.7E-03	1.0E-03	6.1E-07	1.6E-01	2.7E-02	2.6E-09
283	0.31008	0.00	2.4E-09	1.7E-03	1.0E-03	5.7E-07	1.6E-01	2.7E-02	2.4E-09
284	0.30767	0.00	2.4E-09	1.7E-03	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09

Risk From P1P2 - Unmitigated Residential

MUIR School Project

Risk From P1P2 - Unmitigated Residential

Max 0.22

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.19742	0.00	3.9E-09	4.4E-03	1.0E-03	9.0E-07	1.6E-01	2.7E-02	3.9E-09
44	0.22214	0.00	4.4E-09	4.4E-03	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.4E-09
45	0.25077	0.00	4.9E-09	4.4E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.9E-09
46	0.28401	0.01	5.6E-09	4.4E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09
47	0.3213	0.01	6.3E-09	4.4E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
48	0.3629	0.01	7.1E-09	4.4E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.1E-09
49	0.40744	0.01	8.0E-09	4.4E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.0E-09
50	0.45377	0.01	8.9E-09	4.4E-03	1.0E-03	2.1E-06	1.6E-01	2.7E-02	8.9E-09
51	0.49975	0.01	9.8E-09	4.4E-03	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.8E-09
52	0.54342	0.01	1.1E-08	4.4E-03	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
53	0.5834	0.01	1.1E-08	4.4E-03	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
54	0.61823	0.01	1.2E-08	4.4E-03	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
55	0.66907	0.01	1.3E-08	4.4E-03	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
56	0.66733	0.01	1.3E-08	4.4E-03	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
57	0.65034	0.01	1.3E-08	4.4E-03	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
58	0.62329	0.01	1.2E-08	4.4E-03	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
59	0.5891	0.01	1.2E-08	4.4E-03	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
60	0.55107	0.01	1.1E-08	4.4E-03	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
61	0.24309	0.00	4.8E-09	4.4E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
62	0.27937	0.01	5.5E-09	4.4E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.5E-09
63	0.32167	0.01	6.3E-09	4.4E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
64	0.37128	0.01	7.3E-09	4.4E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.3E-09
65	0.42613	0.01	8.4E-09	4.4E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.4E-09
66	0.4902	0.01	9.6E-09	4.4E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.6E-09
67	0.56248	0.01	1.1E-08	4.4E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
68	0.63332	0.01	1.2E-08	4.4E-03	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
69	0.70135	0.01	1.4E-08	4.4E-03	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
70	0.76173	0.01	1.5E-08	4.4E-03	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
71	0.81698	0.02	1.6E-08	4.4E-03	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
72	0.82333	0.02	1.6E-08	4.4E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
73	0.77266	0.02	1.5E-08	4.4E-03	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
74	0.71564	0.01	1.4E-08	4.4E-03	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
75	0.6557	0.01	1.3E-08	4.4E-03	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
76	0.24131	0.00	4.7E-09	4.4E-03	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.7E-09
77	0.29118	0.01	5.7E-09	4.4E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.7E-09
78	0.35196	0.01	6.9E-09	4.4E-03	1.0E-03	1.6E-06	1.6E-01	2.7E-02	6.9E-09
79	0.42982	0.01	8.5E-09	4.4E-03	1.0E-03	2.0E-06	1.6E-01	2.7E-02	8.5E-09
80	0.50982	0.01	1.0E-08	4.4E-03	1.0E-03	2.3E-06	1.6E-01	2.7E-02	1.0E-08
81	0.60036	0.01	1.2E-08	4.4E-03	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
82	0.71251	0.01	1.4E-08	4.4E-03	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
83	0.82781	0.02	1.6E-08	4.4E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
84	0.9418	0.02	1.9E-08	4.4E-03	1.0E-03	4.3E-06	1.6E-01	2.7E-02	1.9E-08
85	1.04177	0.02	2.0E-08	4.4E-03	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.0E-08

MUIR School Project

Risk From P1P2 - Unmitigated Residential

Max 0.22

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
86	1.13078	0.02	2.2E-08	4.4E-03	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.2E-08
87	1.05742	0.02	2.1E-08	4.4E-03	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
88	0.96494	0.02	1.9E-08	4.4E-03	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
89	0.86933	0.02	1.7E-08	4.4E-03	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
90	0.77614	0.02	1.5E-08	4.4E-03	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
91	0.68823	0.01	1.4E-08	4.4E-03	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.4E-08
92	0.28284	0.01	5.6E-09	4.4E-03	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09
93	0.33751	0.01	6.6E-09	4.4E-03	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.6E-09
94	0.40184	0.01	7.9E-09	4.4E-03	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.9E-09
95	0.4965	0.01	9.8E-09	4.4E-03	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.8E-09
96	0.60824	0.01	1.2E-08	4.4E-03	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
97	0.74063	0.01	1.5E-08	4.4E-03	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
98	0.92246	0.02	1.8E-08	4.4E-03	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
99	1.12161	0.02	2.2E-08	4.4E-03	1.0E-03	5.1E-06	1.6E-01	2.7E-02	2.2E-08
100	1.32614	0.03	2.6E-08	4.4E-03	1.0E-03	6.1E-06	1.6E-01	2.7E-02	2.6E-08
101	1.50156	0.03	3.0E-08	4.4E-03	1.0E-03	6.9E-06	1.6E-01	2.7E-02	3.0E-08
102	1.6731	0.03	3.3E-08	4.4E-03	1.0E-03	7.6E-06	1.6E-01	2.7E-02	3.3E-08
103	1.67709	0.03	3.3E-08	4.4E-03	1.0E-03	7.7E-06	1.6E-01	2.7E-02	3.3E-08
104	1.37116	0.03	2.7E-08	4.4E-03	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
105	1.20326	0.02	2.4E-08	4.4E-03	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.4E-08
106	1.04668	0.02	2.1E-08	4.4E-03	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
107	0.90435	0.02	1.8E-08	4.4E-03	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
108	0.78006	0.02	1.5E-08	4.4E-03	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
109	0.3679	0.01	7.2E-09	4.4E-03	1.0E-03	1.7E-06	1.6E-01	2.7E-02	7.2E-09
110	0.45094	0.01	8.9E-09	4.4E-03	1.0E-03	2.1E-06	1.6E-01	2.7E-02	8.9E-09
111	0.56889	0.01	1.1E-08	4.4E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
112	0.7229	0.01	1.4E-08	4.4E-03	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
113	0.91906	0.02	1.8E-08	4.4E-03	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
114	1.21651	0.02	2.4E-08	4.4E-03	1.0E-03	5.6E-06	1.6E-01	2.7E-02	2.4E-08
115	1.57772	0.03	3.1E-08	4.4E-03	1.0E-03	7.2E-06	1.6E-01	2.7E-02	3.1E-08
116	1.99582	0.04	3.9E-08	4.4E-03	1.0E-03	9.1E-06	1.6E-01	2.7E-02	3.9E-08
117	2.39165	0.05	4.7E-08	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
118	2.72508	0.05	5.4E-08	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.4E-08
119	2.43686	0.05	4.8E-08	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
120	2.09992	0.04	4.1E-08	4.4E-03	1.0E-03	9.6E-06	1.6E-01	2.7E-02	4.1E-08
121	1.76632	0.03	3.5E-08	4.4E-03	1.0E-03	8.1E-06	1.6E-01	2.7E-02	3.5E-08
122	1.47757	0.03	2.9E-08	4.4E-03	1.0E-03	6.7E-06	1.6E-01	2.7E-02	2.9E-08
123	1.2315	0.02	2.4E-08	4.4E-03	1.0E-03	5.6E-06	1.6E-01	2.7E-02	2.4E-08
124	1.02702	0.02	2.0E-08	4.4E-03	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
125	0.86808	0.02	1.7E-08	4.4E-03	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
126	0.49775	0.01	9.8E-09	4.4E-03	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.8E-09
127	0.64202	0.01	1.3E-08	4.4E-03	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
128	0.84669	0.02	1.7E-08	4.4E-03	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08

MUIR School Project

Risk From P1P2 - Unmitigated Residential

Max 0.22

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	1.12878	0.02	2.2E-08	4.4E-03	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.2E-08
130	1.60068	0.03	3.1E-08	4.4E-03	1.0E-03	7.3E-06	1.6E-01	2.7E-02	3.1E-08
131	2.40769	0.05	4.7E-08	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
132	3.38848	0.07	6.7E-08	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.7E-08
133	3.59845	0.07	7.1E-08	4.4E-03	1.0E-03	1.6E-05	1.6E-01	2.7E-02	7.1E-08
134	2.8476	0.06	5.6E-08	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.6E-08
135	2.22746	0.04	4.4E-08	4.4E-03	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
136	1.75467	0.03	3.5E-08	4.4E-03	1.0E-03	8.0E-06	1.6E-01	2.7E-02	3.5E-08
137	1.39567	0.03	2.7E-08	4.4E-03	1.0E-03	6.4E-06	1.6E-01	2.7E-02	2.7E-08
138	1.12588	0.02	2.2E-08	4.4E-03	1.0E-03	5.1E-06	1.6E-01	2.7E-02	2.2E-08
139	0.92223	0.02	1.8E-08	4.4E-03	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
140	0.5368	0.01	1.1E-08	4.4E-03	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
141	0.70644	0.01	1.4E-08	4.4E-03	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
142	0.96557	0.02	1.9E-08	4.4E-03	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
143	1.37101	0.03	2.7E-08	4.4E-03	1.0E-03	6.3E-06	1.6E-01	2.7E-02	2.7E-08
144	2.15073	0.04	4.2E-08	4.4E-03	1.0E-03	9.8E-06	1.6E-01	2.7E-02	4.2E-08
145	5.27619	0.10	1.0E-07	4.4E-03	1.0E-03	2.4E-05	1.6E-01	2.7E-02	1.0E-07
146	3.64487	0.07	7.2E-08	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.2E-08
147	2.65481	0.05	5.2E-08	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.2E-08
148	1.97544	0.04	3.9E-08	4.4E-03	1.0E-03	9.0E-06	1.6E-01	2.7E-02	3.9E-08
149	1.51456	0.03	3.0E-08	4.4E-03	1.0E-03	6.9E-06	1.6E-01	2.7E-02	3.0E-08
150	1.19152	0.02	2.3E-08	4.4E-03	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
151	0.98674	0.02	1.9E-08	4.4E-03	1.0E-03	4.5E-06	1.6E-01	2.7E-02	1.9E-08
152	1.03563	0.02	2.0E-08	4.4E-03	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
153	1.55591	0.03	3.1E-08	4.4E-03	1.0E-03	7.1E-06	1.6E-01	2.7E-02	3.1E-08
154	2.55277	0.05	5.0E-08	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.0E-08
155	4.34628	0.09	8.5E-08	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.5E-08
156	2.93705	0.06	5.8E-08	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.8E-08
157	2.10579	0.04	4.1E-08	4.4E-03	1.0E-03	9.6E-06	1.6E-01	2.7E-02	4.1E-08
158	1.58736	0.03	3.1E-08	4.4E-03	1.0E-03	7.2E-06	1.6E-01	2.7E-02	3.1E-08
159	1.24821	0.02	2.5E-08	4.4E-03	1.0E-03	5.7E-06	1.6E-01	2.7E-02	2.5E-08
160	0.99316	0.02	2.0E-08	4.4E-03	1.0E-03	4.5E-06	1.6E-01	2.7E-02	2.0E-08
161	0.75278	0.01	1.5E-08	4.4E-03	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
162	1.04709	0.02	2.1E-08	4.4E-03	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
163	1.5915	0.03	3.1E-08	4.4E-03	1.0E-03	7.3E-06	1.6E-01	2.7E-02	3.1E-08
164	2.66571	0.05	5.2E-08	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.2E-08
165	5.56695	0.11	1.1E-07	4.4E-03	1.0E-03	2.5E-05	1.6E-01	2.7E-02	1.1E-07
166	4.59041	0.09	9.0E-08	4.4E-03	1.0E-03	2.1E-05	1.6E-01	2.7E-02	9.0E-08
167	3.03614	0.06	6.0E-08	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	6.0E-08
168	2.1595	0.04	4.2E-08	4.4E-03	1.0E-03	9.9E-06	1.6E-01	2.7E-02	4.2E-08
169	1.61443	0.03	3.2E-08	4.4E-03	1.0E-03	7.4E-06	1.6E-01	2.7E-02	3.2E-08
170	1.26065	0.02	2.5E-08	4.4E-03	1.0E-03	5.8E-06	1.6E-01	2.7E-02	2.5E-08
171	0.99514	0.02	2.0E-08	4.4E-03	1.0E-03	4.5E-06	1.6E-01	2.7E-02	2.0E-08

MUIR School Project

Risk From P1P2 - Unmitigated Residential

Max 0.22

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	0.72701	0.01	1.4E-08	4.4E-03	1.0E-03	3.3E-06	1.6E-01	2.7E-02	1.4E-08
173	1.00439	0.02	2.0E-08	4.4E-03	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
174	1.49654	0.03	2.9E-08	4.4E-03	1.0E-03	6.8E-06	1.6E-01	2.7E-02	2.9E-08
175	2.34962	0.05	4.6E-08	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.6E-08
176	4.15426	0.08	8.2E-08	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.2E-08
177	11.01261	0.22	2.2E-07	4.4E-03	1.0E-03	5.0E-05	1.6E-01	2.7E-02	2.2E-07
178	6.70751	0.13	1.3E-07	4.4E-03	1.0E-03	3.1E-05	1.6E-01	2.7E-02	1.3E-07
179	4.33634	0.09	8.5E-08	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.5E-08
180	2.98353	0.06	5.9E-08	4.4E-03	1.0E-03	1.4E-05	1.6E-01	2.7E-02	5.9E-08
181	2.1565	0.04	4.2E-08	4.4E-03	1.0E-03	9.8E-06	1.6E-01	2.7E-02	4.2E-08
182	1.63854	0.03	3.2E-08	4.4E-03	1.0E-03	7.5E-06	1.6E-01	2.7E-02	3.2E-08
183	1.27376	0.03	2.5E-08	4.4E-03	1.0E-03	5.8E-06	1.6E-01	2.7E-02	2.5E-08
184	1.00665	0.02	2.0E-08	4.4E-03	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
185	1.85717	0.04	3.7E-08	4.4E-03	1.0E-03	8.5E-06	1.6E-01	2.7E-02	3.7E-08
186	2.85314	0.06	5.6E-08	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.6E-08
187	4.43507	0.09	8.7E-08	4.4E-03	1.0E-03	2.0E-05	1.6E-01	2.7E-02	8.7E-08
188	8.23397	0.16	1.6E-07	4.4E-03	1.0E-03	3.8E-05	1.6E-01	2.7E-02	1.6E-07
189	8.02885	0.16	1.6E-07	4.4E-03	1.0E-03	3.7E-05	1.6E-01	2.7E-02	1.6E-07
190	6.56599	0.13	1.3E-07	4.4E-03	1.0E-03	3.0E-05	1.6E-01	2.7E-02	1.3E-07
191	4.92478	0.10	9.7E-08	4.4E-03	1.0E-03	2.2E-05	1.6E-01	2.7E-02	9.7E-08
192	3.62761	0.07	7.1E-08	4.4E-03	1.0E-03	1.7E-05	1.6E-01	2.7E-02	7.1E-08
193	2.69017	0.05	5.3E-08	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.3E-08
194	2.04113	0.04	4.0E-08	4.4E-03	1.0E-03	9.3E-06	1.6E-01	2.7E-02	4.0E-08
195	1.59748	0.03	3.1E-08	4.4E-03	1.0E-03	7.3E-06	1.6E-01	2.7E-02	3.1E-08
196	1.26145	0.02	2.5E-08	4.4E-03	1.0E-03	5.8E-06	1.6E-01	2.7E-02	2.5E-08
197	1.0136	0.02	2.0E-08	4.4E-03	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
198	1.05583	0.02	2.1E-08	4.4E-03	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
199	1.41671	0.03	2.8E-08	4.4E-03	1.0E-03	6.5E-06	1.6E-01	2.7E-02	2.8E-08
200	1.93655	0.04	3.8E-08	4.4E-03	1.0E-03	8.8E-06	1.6E-01	2.7E-02	3.8E-08
201	2.60375	0.05	5.1E-08	4.4E-03	1.0E-03	1.2E-05	1.6E-01	2.7E-02	5.1E-08
202	3.42433	0.07	6.7E-08	4.4E-03	1.0E-03	1.6E-05	1.6E-01	2.7E-02	6.7E-08
203	4.01347	0.08	7.9E-08	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.9E-08
204	4.19753	0.08	8.3E-08	4.4E-03	1.0E-03	1.9E-05	1.6E-01	2.7E-02	8.3E-08
205	3.8953	0.08	7.7E-08	4.4E-03	1.0E-03	1.8E-05	1.6E-01	2.7E-02	7.7E-08
206	3.33717	0.07	6.6E-08	4.4E-03	1.0E-03	1.5E-05	1.6E-01	2.7E-02	6.6E-08
207	2.75469	0.05	5.4E-08	4.4E-03	1.0E-03	1.3E-05	1.6E-01	2.7E-02	5.4E-08
208	2.22691	0.04	4.4E-08	4.4E-03	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
209	1.80701	0.04	3.6E-08	4.4E-03	1.0E-03	8.3E-06	1.6E-01	2.7E-02	3.6E-08
210	1.46953	0.03	2.9E-08	4.4E-03	1.0E-03	6.7E-06	1.6E-01	2.7E-02	2.9E-08
211	1.20115	0.02	2.4E-08	4.4E-03	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.4E-08
212	0.98455	0.02	1.9E-08	4.4E-03	1.0E-03	4.5E-06	1.6E-01	2.7E-02	1.9E-08
213	0.86355	0.02	1.7E-08	4.4E-03	1.0E-03	3.9E-06	1.6E-01	2.7E-02	1.7E-08
214	1.08817	0.02	2.1E-08	4.4E-03	1.0E-03	5.0E-06	1.6E-01	2.7E-02	2.1E-08

MUIR School Project

Risk From P1P2 - Unmitigated Residential

Max 0.22

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
215	1.36268	0.03	2.7E-08	4.4E-03	1.0E-03	6.2E-06	1.6E-01	2.7E-02	2.7E-08
216	1.7179	0.03	3.4E-08	4.4E-03	1.0E-03	7.8E-06	1.6E-01	2.7E-02	3.4E-08
217	2.09075	0.04	4.1E-08	4.4E-03	1.0E-03	9.5E-06	1.6E-01	2.7E-02	4.1E-08
218	2.39109	0.05	4.7E-08	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.7E-08
219	2.4944	0.05	4.9E-08	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.9E-08
220	2.43883	0.05	4.8E-08	4.4E-03	1.0E-03	1.1E-05	1.6E-01	2.7E-02	4.8E-08
221	2.25926	0.04	4.4E-08	4.4E-03	1.0E-03	1.0E-05	1.6E-01	2.7E-02	4.4E-08
222	2.0085	0.04	3.9E-08	4.4E-03	1.0E-03	9.2E-06	1.6E-01	2.7E-02	3.9E-08
223	1.71865	0.03	3.4E-08	4.4E-03	1.0E-03	7.8E-06	1.6E-01	2.7E-02	3.4E-08
224	1.48941	0.03	2.9E-08	4.4E-03	1.0E-03	6.8E-06	1.6E-01	2.7E-02	2.9E-08
225	1.27336	0.03	2.5E-08	4.4E-03	1.0E-03	5.8E-06	1.6E-01	2.7E-02	2.5E-08
226	1.07232	0.02	2.1E-08	4.4E-03	1.0E-03	4.9E-06	1.6E-01	2.7E-02	2.1E-08
227	0.91584	0.02	1.8E-08	4.4E-03	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
228	0.83956	0.02	1.7E-08	4.4E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.7E-08
229	1.01542	0.02	2.0E-08	4.4E-03	1.0E-03	4.6E-06	1.6E-01	2.7E-02	2.0E-08
230	1.21234	0.02	2.4E-08	4.4E-03	1.0E-03	5.5E-06	1.6E-01	2.7E-02	2.4E-08
231	1.41698	0.03	2.8E-08	4.4E-03	1.0E-03	6.5E-06	1.6E-01	2.7E-02	2.8E-08
232	1.58107	0.03	3.1E-08	4.4E-03	1.0E-03	7.2E-06	1.6E-01	2.7E-02	3.1E-08
233	1.66367	0.03	3.3E-08	4.4E-03	1.0E-03	7.6E-06	1.6E-01	2.7E-02	3.3E-08
234	1.65475	0.03	3.3E-08	4.4E-03	1.0E-03	7.6E-06	1.6E-01	2.7E-02	3.3E-08
235	1.54233	0.03	3.0E-08	4.4E-03	1.0E-03	7.0E-06	1.6E-01	2.7E-02	3.0E-08
236	1.47124	0.03	2.9E-08	4.4E-03	1.0E-03	6.7E-06	1.6E-01	2.7E-02	2.9E-08
237	1.30274	0.03	2.6E-08	4.4E-03	1.0E-03	5.9E-06	1.6E-01	2.7E-02	2.6E-08
238	1.16006	0.02	2.3E-08	4.4E-03	1.0E-03	5.3E-06	1.6E-01	2.7E-02	2.3E-08
239	1.0437	0.02	2.1E-08	4.4E-03	1.0E-03	4.8E-06	1.6E-01	2.7E-02	2.1E-08
240	0.9253	0.02	1.8E-08	4.4E-03	1.0E-03	4.2E-06	1.6E-01	2.7E-02	1.8E-08
241	0.81585	0.02	1.6E-08	4.4E-03	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
242	0.48238	0.01	9.5E-09	4.4E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.5E-09
243	0.56868	0.01	1.1E-08	4.4E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
244	0.66675	0.01	1.3E-08	4.4E-03	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
245	0.78126	0.02	1.5E-08	4.4E-03	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
246	0.90375	0.02	1.8E-08	4.4E-03	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
247	1.02527	0.02	2.0E-08	4.4E-03	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
248	1.12992	0.02	2.2E-08	4.4E-03	1.0E-03	5.2E-06	1.6E-01	2.7E-02	2.2E-08
249	1.17848	0.02	2.3E-08	4.4E-03	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
250	1.18496	0.02	2.3E-08	4.4E-03	1.0E-03	5.4E-06	1.6E-01	2.7E-02	2.3E-08
251	1.15735	0.02	2.3E-08	4.4E-03	1.0E-03	5.3E-06	1.6E-01	2.7E-02	2.3E-08
252	1.02173	0.02	2.0E-08	4.4E-03	1.0E-03	4.7E-06	1.6E-01	2.7E-02	2.0E-08
253	0.96882	0.02	1.9E-08	4.4E-03	1.0E-03	4.4E-06	1.6E-01	2.7E-02	1.9E-08
254	0.90136	0.02	1.8E-08	4.4E-03	1.0E-03	4.1E-06	1.6E-01	2.7E-02	1.8E-08
255	0.83697	0.02	1.6E-08	4.4E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
256	0.77006	0.02	1.5E-08	4.4E-03	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
257	0.7008	0.01	1.4E-08	4.4E-03	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08

MUIR School Project

Risk From P1P2 - Unmitigated Residential

Max 0.22

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
258	0.415	0.01	8.2E-09	4.4E-03	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.2E-09
259	0.472	0.01	9.3E-09	4.4E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.3E-09
260	0.62796	0.01	1.2E-08	4.4E-03	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
261	0.70034	0.01	1.4E-08	4.4E-03	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
262	0.78179	0.02	1.5E-08	4.4E-03	1.0E-03	3.6E-06	1.6E-01	2.7E-02	1.5E-08
263	0.80445	0.02	1.6E-08	4.4E-03	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
264	0.88674	0.02	1.7E-08	4.4E-03	1.0E-03	4.0E-06	1.6E-01	2.7E-02	1.7E-08
265	0.82452	0.02	1.6E-08	4.4E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
266	0.81545	0.02	1.6E-08	4.4E-03	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
267	0.82402	0.02	1.6E-08	4.4E-03	1.0E-03	3.8E-06	1.6E-01	2.7E-02	1.6E-08
268	0.74693	0.01	1.5E-08	4.4E-03	1.0E-03	3.4E-06	1.6E-01	2.7E-02	1.5E-08
269	0.70656	0.01	1.4E-08	4.4E-03	1.0E-03	3.2E-06	1.6E-01	2.7E-02	1.4E-08
270	0.6659	0.01	1.3E-08	4.4E-03	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
271	0.63268	0.01	1.2E-08	4.4E-03	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.2E-08
272	0.59098	0.01	1.2E-08	4.4E-03	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
273	0.55869	0.01	1.1E-08	4.4E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
274	0.6135	0.01	1.2E-08	4.4E-03	1.0E-03	2.8E-06	1.6E-01	2.7E-02	1.2E-08
275	0.64955	0.01	1.3E-08	4.4E-03	1.0E-03	3.0E-06	1.6E-01	2.7E-02	1.3E-08
276	0.68313	0.01	1.3E-08	4.4E-03	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
277	0.64453	0.01	1.3E-08	4.4E-03	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
278	0.64153	0.01	1.3E-08	4.4E-03	1.0E-03	2.9E-06	1.6E-01	2.7E-02	1.3E-08
279	0.6765	0.01	1.3E-08	4.4E-03	1.0E-03	3.1E-06	1.6E-01	2.7E-02	1.3E-08
280	0.58282	0.01	1.1E-08	4.4E-03	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
281	0.56227	0.01	1.1E-08	4.4E-03	1.0E-03	2.6E-06	1.6E-01	2.7E-02	1.1E-08
282	0.53784	0.01	1.1E-08	4.4E-03	1.0E-03	2.5E-06	1.6E-01	2.7E-02	1.1E-08
283	0.49804	0.01	9.8E-09	4.4E-03	1.0E-03	2.3E-06	1.6E-01	2.7E-02	9.8E-09
284	0.48571	0.01	9.6E-09	4.4E-03	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.6E-09

Risk From P2D - Unmitigated Residential

MUIR School Project

Risk From P2D - Unmitigated Residential

Max 4.05

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.17152	0.01	1.2E-08	9.3E-03	1.0E-03	1.7E-06	1.6E-01	4.4E-02	1.2E-08
44	0.18991	0.01	1.3E-08	9.3E-03	1.0E-03	1.9E-06	1.6E-01	4.4E-02	1.3E-08
45	0.21053	0.01	1.4E-08	9.3E-03	1.0E-03	2.1E-06	1.6E-01	4.4E-02	1.4E-08
46	0.23372	0.02	1.6E-08	9.3E-03	1.0E-03	2.3E-06	1.6E-01	4.4E-02	1.6E-08
47	0.25898	0.02	1.7E-08	9.3E-03	1.0E-03	2.5E-06	1.6E-01	4.4E-02	1.7E-08
48	0.28569	0.02	1.9E-08	9.3E-03	1.0E-03	2.8E-06	1.6E-01	4.4E-02	1.9E-08
49	0.31376	0.02	2.1E-08	9.3E-03	1.0E-03	3.1E-06	1.6E-01	4.4E-02	2.1E-08
50	0.34166	0.02	2.3E-08	9.3E-03	1.0E-03	3.3E-06	1.6E-01	4.4E-02	2.3E-08
51	0.36918	0.02	2.5E-08	9.3E-03	1.0E-03	3.6E-06	1.6E-01	4.4E-02	2.5E-08
52	0.39513	0.03	2.7E-08	9.3E-03	1.0E-03	3.9E-06	1.6E-01	4.4E-02	2.7E-08
53	0.41923	0.03	2.8E-08	9.3E-03	1.0E-03	4.1E-06	1.6E-01	4.4E-02	2.8E-08
54	0.44022	0.03	3.0E-08	9.3E-03	1.0E-03	4.3E-06	1.6E-01	4.4E-02	3.0E-08
55	0.47917	0.03	3.2E-08	9.3E-03	1.0E-03	4.7E-06	1.6E-01	4.4E-02	3.2E-08
56	0.48501	0.03	3.3E-08	9.3E-03	1.0E-03	4.7E-06	1.6E-01	4.4E-02	3.3E-08
57	0.48184	0.03	3.2E-08	9.3E-03	1.0E-03	4.7E-06	1.6E-01	4.4E-02	3.2E-08
58	0.47207	0.03	3.2E-08	9.3E-03	1.0E-03	4.6E-06	1.6E-01	4.4E-02	3.2E-08
59	0.45664	0.03	3.1E-08	9.3E-03	1.0E-03	4.5E-06	1.6E-01	4.4E-02	3.1E-08
60	0.43722	0.03	2.9E-08	9.3E-03	1.0E-03	4.3E-06	1.6E-01	4.4E-02	2.9E-08
61	0.20778	0.01	1.4E-08	9.3E-03	1.0E-03	2.0E-06	1.6E-01	4.4E-02	1.4E-08
62	0.23406	0.02	1.6E-08	9.3E-03	1.0E-03	2.3E-06	1.6E-01	4.4E-02	1.6E-08
63	0.26332	0.02	1.8E-08	9.3E-03	1.0E-03	2.6E-06	1.6E-01	4.4E-02	1.8E-08
64	0.29608	0.02	2.0E-08	9.3E-03	1.0E-03	2.9E-06	1.6E-01	4.4E-02	2.0E-08
65	0.33247	0.02	2.2E-08	9.3E-03	1.0E-03	3.2E-06	1.6E-01	4.4E-02	2.2E-08
66	0.3713	0.02	2.5E-08	9.3E-03	1.0E-03	3.6E-06	1.6E-01	4.4E-02	2.5E-08
67	0.41121	0.03	2.8E-08	9.3E-03	1.0E-03	4.0E-06	1.6E-01	4.4E-02	2.8E-08
68	0.45105	0.03	3.0E-08	9.3E-03	1.0E-03	4.4E-06	1.6E-01	4.4E-02	3.0E-08
69	0.48874	0.03	3.3E-08	9.3E-03	1.0E-03	4.8E-06	1.6E-01	4.4E-02	3.3E-08
70	0.52392	0.04	3.5E-08	9.3E-03	1.0E-03	5.1E-06	1.6E-01	4.4E-02	3.5E-08
71	0.55443	0.04	3.7E-08	9.3E-03	1.0E-03	5.4E-06	1.6E-01	4.4E-02	3.7E-08
72	0.59738	0.04	4.0E-08	9.3E-03	1.0E-03	5.8E-06	1.6E-01	4.4E-02	4.0E-08
73	0.57757	0.04	3.9E-08	9.3E-03	1.0E-03	5.6E-06	1.6E-01	4.4E-02	3.9E-08
74	0.55085	0.04	3.7E-08	9.3E-03	1.0E-03	5.4E-06	1.6E-01	4.4E-02	3.7E-08
75	0.51967	0.03	3.5E-08	9.3E-03	1.0E-03	5.1E-06	1.6E-01	4.4E-02	3.5E-08
76	0.20757	0.01	1.4E-08	9.3E-03	1.0E-03	2.0E-06	1.6E-01	4.4E-02	1.4E-08
77	0.2447	0.02	1.6E-08	9.3E-03	1.0E-03	2.4E-06	1.6E-01	4.4E-02	1.6E-08
78	0.28766	0.02	1.9E-08	9.3E-03	1.0E-03	2.8E-06	1.6E-01	4.4E-02	1.9E-08
79	0.34029	0.02	2.3E-08	9.3E-03	1.0E-03	3.3E-06	1.6E-01	4.4E-02	2.3E-08
80	0.38969	0.03	2.6E-08	9.3E-03	1.0E-03	3.8E-06	1.6E-01	4.4E-02	2.6E-08
81	0.44475	0.03	3.0E-08	9.3E-03	1.0E-03	4.3E-06	1.6E-01	4.4E-02	3.0E-08
82	0.50373	0.03	3.4E-08	9.3E-03	1.0E-03	4.9E-06	1.6E-01	4.4E-02	3.4E-08
83	0.56387	0.04	3.8E-08	9.3E-03	1.0E-03	5.5E-06	1.6E-01	4.4E-02	3.8E-08
84	0.62178	0.04	4.2E-08	9.3E-03	1.0E-03	6.1E-06	1.6E-01	4.4E-02	4.2E-08
85	0.67523	0.05	4.5E-08	9.3E-03	1.0E-03	6.6E-06	1.6E-01	4.4E-02	4.5E-08

MUIR School Project

Risk From P2D - Unmitigated Residential

Max 4.05

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
86	0.72169	0.05	4.9E-08	9.3E-03	1.0E-03	7.0E-06	1.6E-01	4.4E-02	4.9E-08
87	0.75314	0.05	5.1E-08	9.3E-03	1.0E-03	7.4E-06	1.6E-01	4.4E-02	5.1E-08
88	0.71543	0.05	4.8E-08	9.3E-03	1.0E-03	7.0E-06	1.6E-01	4.4E-02	4.8E-08
89	0.66937	0.05	4.5E-08	9.3E-03	1.0E-03	6.5E-06	1.6E-01	4.4E-02	4.5E-08
90	0.6202	0.04	4.2E-08	9.3E-03	1.0E-03	6.1E-06	1.6E-01	4.4E-02	4.2E-08
91	0.56926	0.04	3.8E-08	9.3E-03	1.0E-03	5.6E-06	1.6E-01	4.4E-02	3.8E-08
92	0.2434	0.02	1.6E-08	9.3E-03	1.0E-03	2.4E-06	1.6E-01	4.4E-02	1.6E-08
93	0.2837	0.02	1.9E-08	9.3E-03	1.0E-03	2.8E-06	1.6E-01	4.4E-02	1.9E-08
94	0.32831	0.02	2.2E-08	9.3E-03	1.0E-03	3.2E-06	1.6E-01	4.4E-02	2.2E-08
95	0.39144	0.03	2.6E-08	9.3E-03	1.0E-03	3.8E-06	1.6E-01	4.4E-02	2.6E-08
96	0.45959	0.03	3.1E-08	9.3E-03	1.0E-03	4.5E-06	1.6E-01	4.4E-02	3.1E-08
97	0.53791	0.04	3.6E-08	9.3E-03	1.0E-03	5.3E-06	1.6E-01	4.4E-02	3.6E-08
98	0.62939	0.04	4.2E-08	9.3E-03	1.0E-03	6.1E-06	1.6E-01	4.4E-02	4.2E-08
99	0.72505	0.05	4.9E-08	9.3E-03	1.0E-03	7.1E-06	1.6E-01	4.4E-02	4.9E-08
100	0.8196	0.06	5.5E-08	9.3E-03	1.0E-03	8.0E-06	1.6E-01	4.4E-02	5.5E-08
101	0.90366	0.06	6.1E-08	9.3E-03	1.0E-03	8.8E-06	1.6E-01	4.4E-02	6.1E-08
102	0.98123	0.07	6.6E-08	9.3E-03	1.0E-03	9.6E-06	1.6E-01	4.4E-02	6.6E-08
103	1.05993	0.07	7.1E-08	9.3E-03	1.0E-03	1.0E-05	1.6E-01	4.4E-02	7.1E-08
104	0.9664	0.07	6.5E-08	9.3E-03	1.0E-03	9.4E-06	1.6E-01	4.4E-02	6.5E-08
105	0.89427	0.06	6.0E-08	9.3E-03	1.0E-03	8.7E-06	1.6E-01	4.4E-02	6.0E-08
106	0.81645	0.05	5.5E-08	9.3E-03	1.0E-03	8.0E-06	1.6E-01	4.4E-02	5.5E-08
107	0.73836	0.05	5.0E-08	9.3E-03	1.0E-03	7.2E-06	1.6E-01	4.4E-02	5.0E-08
108	0.66201	0.04	4.5E-08	9.3E-03	1.0E-03	6.5E-06	1.6E-01	4.4E-02	4.5E-08
109	0.31152	0.02	2.1E-08	9.3E-03	1.0E-03	3.0E-06	1.6E-01	4.4E-02	2.1E-08
110	0.37041	0.02	2.5E-08	9.3E-03	1.0E-03	3.6E-06	1.6E-01	4.4E-02	2.5E-08
111	0.44981	0.03	3.0E-08	9.3E-03	1.0E-03	4.4E-06	1.6E-01	4.4E-02	3.0E-08
112	0.54369	0.04	3.7E-08	9.3E-03	1.0E-03	5.3E-06	1.6E-01	4.4E-02	3.7E-08
113	0.65644	0.04	4.4E-08	9.3E-03	1.0E-03	6.4E-06	1.6E-01	4.4E-02	4.4E-08
114	0.80232	0.05	5.4E-08	9.3E-03	1.0E-03	7.8E-06	1.6E-01	4.4E-02	5.4E-08
115	0.96074	0.06	6.5E-08	9.3E-03	1.0E-03	9.4E-06	1.6E-01	4.4E-02	6.5E-08
116	1.12739	0.08	7.6E-08	9.3E-03	1.0E-03	1.1E-05	1.6E-01	4.4E-02	7.6E-08
117	1.28036	0.09	8.6E-08	9.3E-03	1.0E-03	1.3E-05	1.6E-01	4.4E-02	8.6E-08
118	1.41684	0.10	9.5E-08	9.3E-03	1.0E-03	1.4E-05	1.6E-01	4.4E-02	9.5E-08
119	1.47283	0.10	9.9E-08	9.3E-03	1.0E-03	1.4E-05	1.6E-01	4.4E-02	9.9E-08
120	1.37736	0.09	9.3E-08	9.3E-03	1.0E-03	1.3E-05	1.6E-01	4.4E-02	9.3E-08
121	1.25268	0.08	8.4E-08	9.3E-03	1.0E-03	1.2E-05	1.6E-01	4.4E-02	8.4E-08
122	1.12123	0.08	7.5E-08	9.3E-03	1.0E-03	1.1E-05	1.6E-01	4.4E-02	7.5E-08
123	0.99136	0.07	6.7E-08	9.3E-03	1.0E-03	9.7E-06	1.6E-01	4.4E-02	6.7E-08
124	0.86955	0.06	5.8E-08	9.3E-03	1.0E-03	8.5E-06	1.6E-01	4.4E-02	5.8E-08
125	0.75902	0.05	5.1E-08	9.3E-03	1.0E-03	7.4E-06	1.6E-01	4.4E-02	5.1E-08
126	0.41401	0.03	2.8E-08	9.3E-03	1.0E-03	4.0E-06	1.6E-01	4.4E-02	2.8E-08
127	0.51274	0.03	3.4E-08	9.3E-03	1.0E-03	5.0E-06	1.6E-01	4.4E-02	3.4E-08
128	0.64149	0.04	4.3E-08	9.3E-03	1.0E-03	6.3E-06	1.6E-01	4.4E-02	4.3E-08

MUIR School Project

Risk From P2D - Unmitigated Residential

Max 4.05

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	0.80216	0.05	5.4E-08	9.3E-03	1.0E-03	7.8E-06	1.6E-01	4.4E-02	5.4E-08
130	1.02612	0.07	6.9E-08	9.3E-03	1.0E-03	1.0E-05	1.6E-01	4.4E-02	6.9E-08
131	1.33635	0.09	9.0E-08	9.3E-03	1.0E-03	1.3E-05	1.6E-01	4.4E-02	9.0E-08
132	1.65596	0.11	1.1E-07	9.3E-03	1.0E-03	1.6E-05	1.6E-01	4.4E-02	1.1E-07
133	2.11568	0.14	1.4E-07	9.3E-03	1.0E-03	2.1E-05	1.6E-01	4.4E-02	1.4E-07
134	1.89182	0.13	1.3E-07	9.3E-03	1.0E-03	1.8E-05	1.6E-01	4.4E-02	1.3E-07
135	1.6356	0.11	1.1E-07	9.3E-03	1.0E-03	1.6E-05	1.6E-01	4.4E-02	1.1E-07
136	1.39591	0.09	9.4E-08	9.3E-03	1.0E-03	1.4E-05	1.6E-01	4.4E-02	9.4E-08
137	1.1864	0.08	8.0E-08	9.3E-03	1.0E-03	1.2E-05	1.6E-01	4.4E-02	8.0E-08
138	1.00355	0.07	6.8E-08	9.3E-03	1.0E-03	9.8E-06	1.6E-01	4.4E-02	6.8E-08
139	0.85146	0.06	5.7E-08	9.3E-03	1.0E-03	8.3E-06	1.6E-01	4.4E-02	5.7E-08
140	0.45615	0.03	3.1E-08	9.3E-03	1.0E-03	4.5E-06	1.6E-01	4.4E-02	3.1E-08
141	0.57821	0.04	3.9E-08	9.3E-03	1.0E-03	5.6E-06	1.6E-01	4.4E-02	3.9E-08
142	0.74779	0.05	5.0E-08	9.3E-03	1.0E-03	7.3E-06	1.6E-01	4.4E-02	5.0E-08
143	0.99138	0.07	6.7E-08	9.3E-03	1.0E-03	9.7E-06	1.6E-01	4.4E-02	6.7E-08
144	1.36481	0.09	9.2E-08	9.3E-03	1.0E-03	1.3E-05	1.6E-01	4.4E-02	9.2E-08
145	3.16417	0.21	2.1E-07	9.3E-03	1.0E-03	3.1E-05	1.6E-01	4.4E-02	2.1E-07
146	2.57252	0.17	1.7E-07	9.3E-03	1.0E-03	2.5E-05	1.6E-01	4.4E-02	1.7E-07
147	2.09809	0.14	1.4E-07	9.3E-03	1.0E-03	2.0E-05	1.6E-01	4.4E-02	1.4E-07
148	1.69475	0.11	1.1E-07	9.3E-03	1.0E-03	1.7E-05	1.6E-01	4.4E-02	1.1E-07
149	1.3737	0.09	9.2E-08	9.3E-03	1.0E-03	1.3E-05	1.6E-01	4.4E-02	9.2E-08
150	1.12268	0.08	7.6E-08	9.3E-03	1.0E-03	1.1E-05	1.6E-01	4.4E-02	7.6E-08
151	0.98869	0.07	6.7E-08	9.3E-03	1.0E-03	9.7E-06	1.6E-01	4.4E-02	6.7E-08
152	0.85081	0.06	5.7E-08	9.3E-03	1.0E-03	8.3E-06	1.6E-01	4.4E-02	5.7E-08
153	1.1913	0.08	8.0E-08	9.3E-03	1.0E-03	1.2E-05	1.6E-01	4.4E-02	8.0E-08
154	1.72771	0.12	1.2E-07	9.3E-03	1.0E-03	1.7E-05	1.6E-01	4.4E-02	1.2E-07
155	3.47563	0.23	2.3E-07	9.3E-03	1.0E-03	3.4E-05	1.6E-01	4.4E-02	2.3E-07
156	2.58511	0.17	1.7E-07	9.3E-03	1.0E-03	2.5E-05	1.6E-01	4.4E-02	1.7E-07
157	1.96515	0.13	1.3E-07	9.3E-03	1.0E-03	1.9E-05	1.6E-01	4.4E-02	1.3E-07
158	1.5216	0.10	1.0E-07	9.3E-03	1.0E-03	1.5E-05	1.6E-01	4.4E-02	1.0E-07
159	1.20756	0.08	8.1E-08	9.3E-03	1.0E-03	1.2E-05	1.6E-01	4.4E-02	8.1E-08
160	1.01869	0.07	6.9E-08	9.3E-03	1.0E-03	9.9E-06	1.6E-01	4.4E-02	6.9E-08
161	0.68114	0.05	4.6E-08	9.3E-03	1.0E-03	6.7E-06	1.6E-01	4.4E-02	4.6E-08
162	0.92463	0.06	6.2E-08	9.3E-03	1.0E-03	9.0E-06	1.6E-01	4.4E-02	6.2E-08
163	1.35248	0.09	9.1E-08	9.3E-03	1.0E-03	1.3E-05	1.6E-01	4.4E-02	9.1E-08
164	2.11709	0.14	1.4E-07	9.3E-03	1.0E-03	2.1E-05	1.6E-01	4.4E-02	1.4E-07
165	3.8608	0.26	2.6E-07	9.3E-03	1.0E-03	3.8E-05	1.6E-01	4.4E-02	2.6E-07
166	4.30996	0.29	2.9E-07	9.3E-03	1.0E-03	4.2E-05	1.6E-01	4.4E-02	2.9E-07
167	2.96798	0.20	2.0E-07	9.3E-03	1.0E-03	2.9E-05	1.6E-01	4.4E-02	2.0E-07
168	2.14876	0.14	1.4E-07	9.3E-03	1.0E-03	2.1E-05	1.6E-01	4.4E-02	1.4E-07
169	1.62102	0.11	1.1E-07	9.3E-03	1.0E-03	1.6E-05	1.6E-01	4.4E-02	1.1E-07
170	1.27785	0.09	8.6E-08	9.3E-03	1.0E-03	1.2E-05	1.6E-01	4.4E-02	8.6E-08
171	1.02834	0.07	6.9E-08	9.3E-03	1.0E-03	1.0E-05	1.6E-01	4.4E-02	6.9E-08

MUIR School Project

Risk From P2D - Unmitigated Residential

Max 4.05

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	0.69744	0.05	4.7E-08	9.3E-03	1.0E-03	6.8E-06	1.6E-01	4.4E-02	4.7E-08
173	0.96421	0.06	6.5E-08	9.3E-03	1.0E-03	9.4E-06	1.6E-01	4.4E-02	6.5E-08
174	1.42401	0.10	9.6E-08	9.3E-03	1.0E-03	1.4E-05	1.6E-01	4.4E-02	9.6E-08
175	2.31074	0.16	1.6E-07	9.3E-03	1.0E-03	2.3E-05	1.6E-01	4.4E-02	1.6E-07
176	4.34308	0.29	2.9E-07	9.3E-03	1.0E-03	4.2E-05	1.6E-01	4.4E-02	2.9E-07
177	16.12498	1.08	1.1E-06	9.3E-03	1.0E-03	1.6E-04	1.6E-01	4.4E-02	1.1E-06
178	8.08496	0.54	5.4E-07	9.3E-03	1.0E-03	7.9E-05	1.6E-01	4.4E-02	5.4E-07
179	4.80893	0.32	3.2E-07	9.3E-03	1.0E-03	4.7E-05	1.6E-01	4.4E-02	3.2E-07
180	3.18298	0.21	2.1E-07	9.3E-03	1.0E-03	3.1E-05	1.6E-01	4.4E-02	2.1E-07
181	2.25002	0.15	1.5E-07	9.3E-03	1.0E-03	2.2E-05	1.6E-01	4.4E-02	1.5E-07
182	1.67345	0.11	1.1E-07	9.3E-03	1.0E-03	1.6E-05	1.6E-01	4.4E-02	1.1E-07
183	1.30645	0.09	8.8E-08	9.3E-03	1.0E-03	1.3E-05	1.6E-01	4.4E-02	8.8E-08
184	1.0285	0.07	6.9E-08	9.3E-03	1.0E-03	1.0E-05	1.6E-01	4.4E-02	6.9E-08
185	2.17918	0.15	1.5E-07	9.3E-03	1.0E-03	2.1E-05	1.6E-01	4.4E-02	1.5E-07
186	3.95214	0.27	2.7E-07	9.3E-03	1.0E-03	3.9E-05	1.6E-01	4.4E-02	2.7E-07
187	8.62676	0.58	5.8E-07	9.3E-03	1.0E-03	8.4E-05	1.6E-01	4.4E-02	5.8E-07
188	60.17071	4.05	4.0E-06	9.3E-03	1.0E-03	5.9E-04	1.6E-01	4.4E-02	4.0E-06
189	32.13622	2.16	2.2E-06	9.3E-03	1.0E-03	3.1E-04	1.6E-01	4.4E-02	2.2E-06
190	14.7252	0.99	9.9E-07	9.3E-03	1.0E-03	1.4E-04	1.6E-01	4.4E-02	9.9E-07
191	7.85389	0.53	5.3E-07	9.3E-03	1.0E-03	7.7E-05	1.6E-01	4.4E-02	5.3E-07
192	4.80895	0.32	3.2E-07	9.3E-03	1.0E-03	4.7E-05	1.6E-01	4.4E-02	3.2E-07
193	3.2059	0.22	2.2E-07	9.3E-03	1.0E-03	3.1E-05	1.6E-01	4.4E-02	2.2E-07
194	2.28109	0.15	1.5E-07	9.3E-03	1.0E-03	2.2E-05	1.6E-01	4.4E-02	1.5E-07
195	1.70867	0.11	1.1E-07	9.3E-03	1.0E-03	1.7E-05	1.6E-01	4.4E-02	1.1E-07
196	1.32066	0.09	8.9E-08	9.3E-03	1.0E-03	1.3E-05	1.6E-01	4.4E-02	8.9E-08
197	1.04211	0.07	7.0E-08	9.3E-03	1.0E-03	1.0E-05	1.6E-01	4.4E-02	7.0E-08
198	1.24286	0.08	8.4E-08	9.3E-03	1.0E-03	1.2E-05	1.6E-01	4.4E-02	8.4E-08
199	1.83902	0.12	1.2E-07	9.3E-03	1.0E-03	1.8E-05	1.6E-01	4.4E-02	1.2E-07
200	2.93666	0.20	2.0E-07	9.3E-03	1.0E-03	2.9E-05	1.6E-01	4.4E-02	2.0E-07
201	4.94066	0.33	3.3E-07	9.3E-03	1.0E-03	4.8E-05	1.6E-01	4.4E-02	3.3E-07
202	8.92105	0.60	6.0E-07	9.3E-03	1.0E-03	8.7E-05	1.6E-01	4.4E-02	6.0E-07
203	12.9973	0.87	8.7E-07	9.3E-03	1.0E-03	1.3E-04	1.6E-01	4.4E-02	8.7E-07
204	12.55971	0.84	8.4E-07	9.3E-03	1.0E-03	1.2E-04	1.6E-01	4.4E-02	8.4E-07
205	9.10249	0.61	6.1E-07	9.3E-03	1.0E-03	8.9E-05	1.6E-01	4.4E-02	6.1E-07
206	6.18154	0.42	4.2E-07	9.3E-03	1.0E-03	6.0E-05	1.6E-01	4.4E-02	4.2E-07
207	4.2361	0.28	2.8E-07	9.3E-03	1.0E-03	4.1E-05	1.6E-01	4.4E-02	2.8E-07
208	3.00404	0.20	2.0E-07	9.3E-03	1.0E-03	2.9E-05	1.6E-01	4.4E-02	2.0E-07
209	2.21733	0.15	1.5E-07	9.3E-03	1.0E-03	2.2E-05	1.6E-01	4.4E-02	1.5E-07
210	1.69401	0.11	1.1E-07	9.3E-03	1.0E-03	1.7E-05	1.6E-01	4.4E-02	1.1E-07
211	1.32668	0.09	8.9E-08	9.3E-03	1.0E-03	1.3E-05	1.6E-01	4.4E-02	8.9E-08
212	1.04901	0.07	7.1E-08	9.3E-03	1.0E-03	1.0E-05	1.6E-01	4.4E-02	7.1E-08
213	1.05869	0.07	7.1E-08	9.3E-03	1.0E-03	1.0E-05	1.6E-01	4.4E-02	7.1E-08
214	1.4691	0.10	9.9E-08	9.3E-03	1.0E-03	1.4E-05	1.6E-01	4.4E-02	9.9E-08

MUIR School Project

Risk From P2D - Unmitigated Residential

Max 4.05

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
215	2.05357	0.14	1.4E-07	9.3E-03	1.0E-03	2.0E-05	1.6E-01	4.4E-02	1.4E-07
216	2.97702	0.20	2.0E-07	9.3E-03	1.0E-03	2.9E-05	1.6E-01	4.4E-02	2.0E-07
217	4.21172	0.28	2.8E-07	9.3E-03	1.0E-03	4.1E-05	1.6E-01	4.4E-02	2.8E-07
218	5.39395	0.36	3.6E-07	9.3E-03	1.0E-03	5.3E-05	1.6E-01	4.4E-02	3.6E-07
219	5.66315	0.38	3.8E-07	9.3E-03	1.0E-03	5.5E-05	1.6E-01	4.4E-02	3.8E-07
220	5.13618	0.35	3.5E-07	9.3E-03	1.0E-03	5.0E-05	1.6E-01	4.4E-02	3.5E-07
221	4.21467	0.28	2.8E-07	9.3E-03	1.0E-03	4.1E-05	1.6E-01	4.4E-02	2.8E-07
222	3.30463	0.22	2.2E-07	9.3E-03	1.0E-03	3.2E-05	1.6E-01	4.4E-02	2.2E-07
223	2.56152	0.17	1.7E-07	9.3E-03	1.0E-03	2.5E-05	1.6E-01	4.4E-02	1.7E-07
224	1.9978	0.13	1.3E-07	9.3E-03	1.0E-03	2.0E-05	1.6E-01	4.4E-02	1.3E-07
225	1.59441	0.11	1.1E-07	9.3E-03	1.0E-03	1.6E-05	1.6E-01	4.4E-02	1.1E-07
226	1.26849	0.09	8.5E-08	9.3E-03	1.0E-03	1.2E-05	1.6E-01	4.4E-02	8.5E-08
227	1.03449	0.07	7.0E-08	9.3E-03	1.0E-03	1.0E-05	1.6E-01	4.4E-02	7.0E-08
228	1.13345	0.08	7.6E-08	9.3E-03	1.0E-03	1.1E-05	1.6E-01	4.4E-02	7.6E-08
229	1.48483	0.10	1.0E-07	9.3E-03	1.0E-03	1.4E-05	1.6E-01	4.4E-02	1.0E-07
230	1.92913	0.13	1.3E-07	9.3E-03	1.0E-03	1.9E-05	1.6E-01	4.4E-02	1.3E-07
231	2.46147	0.17	1.7E-07	9.3E-03	1.0E-03	2.4E-05	1.6E-01	4.4E-02	1.7E-07
232	2.93737	0.20	2.0E-07	9.3E-03	1.0E-03	2.9E-05	1.6E-01	4.4E-02	2.0E-07
233	3.15036	0.21	2.1E-07	9.3E-03	1.0E-03	3.1E-05	1.6E-01	4.4E-02	2.1E-07
234	3.05862	0.21	2.1E-07	9.3E-03	1.0E-03	3.0E-05	1.6E-01	4.4E-02	2.1E-07
235	2.76204	0.19	1.9E-07	9.3E-03	1.0E-03	2.7E-05	1.6E-01	4.4E-02	1.9E-07
236	2.40667	0.16	1.6E-07	9.3E-03	1.0E-03	2.4E-05	1.6E-01	4.4E-02	1.6E-07
237	2.02739	0.14	1.4E-07	9.3E-03	1.0E-03	2.0E-05	1.6E-01	4.4E-02	1.4E-07
238	1.6823	0.11	1.1E-07	9.3E-03	1.0E-03	1.6E-05	1.6E-01	4.4E-02	1.1E-07
239	1.40753	0.09	9.5E-08	9.3E-03	1.0E-03	1.4E-05	1.6E-01	4.4E-02	9.5E-08
240	1.17292	0.08	7.9E-08	9.3E-03	1.0E-03	1.1E-05	1.6E-01	4.4E-02	7.9E-08
241	0.98126	0.07	6.6E-08	9.3E-03	1.0E-03	9.6E-06	1.6E-01	4.4E-02	6.6E-08
242	0.58247	0.04	3.9E-08	9.3E-03	1.0E-03	5.7E-06	1.6E-01	4.4E-02	3.9E-08
243	0.71895	0.05	4.8E-08	9.3E-03	1.0E-03	7.0E-06	1.6E-01	4.4E-02	4.8E-08
244	0.88755	0.06	6.0E-08	9.3E-03	1.0E-03	8.7E-06	1.6E-01	4.4E-02	6.0E-08
245	1.10042	0.07	7.4E-08	9.3E-03	1.0E-03	1.1E-05	1.6E-01	4.4E-02	7.4E-08
246	1.34677	0.09	9.1E-08	9.3E-03	1.0E-03	1.3E-05	1.6E-01	4.4E-02	9.1E-08
247	1.61577	0.11	1.1E-07	9.3E-03	1.0E-03	1.6E-05	1.6E-01	4.4E-02	1.1E-07
248	1.86548	0.13	1.3E-07	9.3E-03	1.0E-03	1.8E-05	1.6E-01	4.4E-02	1.3E-07
249	1.98303	0.13	1.3E-07	9.3E-03	1.0E-03	1.9E-05	1.6E-01	4.4E-02	1.3E-07
250	1.97853	0.13	1.3E-07	9.3E-03	1.0E-03	1.9E-05	1.6E-01	4.4E-02	1.3E-07
251	1.88291	0.13	1.3E-07	9.3E-03	1.0E-03	1.8E-05	1.6E-01	4.4E-02	1.3E-07
252	1.67886	0.11	1.1E-07	9.3E-03	1.0E-03	1.6E-05	1.6E-01	4.4E-02	1.1E-07
253	1.50614	0.10	1.0E-07	9.3E-03	1.0E-03	1.5E-05	1.6E-01	4.4E-02	1.0E-07
254	1.33312	0.09	9.0E-08	9.3E-03	1.0E-03	1.3E-05	1.6E-01	4.4E-02	9.0E-08
255	1.17398	0.08	7.9E-08	9.3E-03	1.0E-03	1.1E-05	1.6E-01	4.4E-02	7.9E-08
256	1.02435	0.07	6.9E-08	9.3E-03	1.0E-03	1.0E-05	1.6E-01	4.4E-02	6.9E-08
257	0.88779	0.06	6.0E-08	9.3E-03	1.0E-03	8.7E-06	1.6E-01	4.4E-02	6.0E-08

MUIR School Project

Risk From P2D - Unmitigated Residential

Max 4.05

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
258	0.4994	0.03	3.4E-08	9.3E-03	1.0E-03	4.9E-06	1.6E-01	4.4E-02	3.4E-08
259	0.59263	0.04	4.0E-08	9.3E-03	1.0E-03	5.8E-06	1.6E-01	4.4E-02	4.0E-08
260	0.8507	0.06	5.7E-08	9.3E-03	1.0E-03	8.3E-06	1.6E-01	4.4E-02	5.7E-08
261	0.99178	0.07	6.7E-08	9.3E-03	1.0E-03	9.7E-06	1.6E-01	4.4E-02	6.7E-08
262	1.15274	0.08	7.8E-08	9.3E-03	1.0E-03	1.1E-05	1.6E-01	4.4E-02	7.8E-08
263	1.28	0.09	8.6E-08	9.3E-03	1.0E-03	1.2E-05	1.6E-01	4.4E-02	8.6E-08
264	1.37021	0.09	9.2E-08	9.3E-03	1.0E-03	1.3E-05	1.6E-01	4.4E-02	9.2E-08
265	1.36478	0.09	9.2E-08	9.3E-03	1.0E-03	1.3E-05	1.6E-01	4.4E-02	9.2E-08
266	1.33278	0.09	9.0E-08	9.3E-03	1.0E-03	1.3E-05	1.6E-01	4.4E-02	9.0E-08
267	1.2705	0.09	8.5E-08	9.3E-03	1.0E-03	1.2E-05	1.6E-01	4.4E-02	8.5E-08
268	1.1216	0.08	7.5E-08	9.3E-03	1.0E-03	1.1E-05	1.6E-01	4.4E-02	7.5E-08
269	1.0329	0.07	6.9E-08	9.3E-03	1.0E-03	1.0E-05	1.6E-01	4.4E-02	6.9E-08
270	0.94354	0.06	6.3E-08	9.3E-03	1.0E-03	9.2E-06	1.6E-01	4.4E-02	6.3E-08
271	0.86096	0.06	5.8E-08	9.3E-03	1.0E-03	8.4E-06	1.6E-01	4.4E-02	5.8E-08
272	0.7733	0.05	5.2E-08	9.3E-03	1.0E-03	7.6E-06	1.6E-01	4.4E-02	5.2E-08
273	0.75974	0.05	5.1E-08	9.3E-03	1.0E-03	7.4E-06	1.6E-01	4.4E-02	5.1E-08
274	0.85903	0.06	5.8E-08	9.3E-03	1.0E-03	8.4E-06	1.6E-01	4.4E-02	5.8E-08
275	0.94337	0.06	6.3E-08	9.3E-03	1.0E-03	9.2E-06	1.6E-01	4.4E-02	6.3E-08
276	1.00137	0.07	6.7E-08	9.3E-03	1.0E-03	9.8E-06	1.6E-01	4.4E-02	6.7E-08
277	1.00446	0.07	6.8E-08	9.3E-03	1.0E-03	9.8E-06	1.6E-01	4.4E-02	6.8E-08
278	0.99679	0.07	6.7E-08	9.3E-03	1.0E-03	9.7E-06	1.6E-01	4.4E-02	6.7E-08
279	0.96675	0.07	6.5E-08	9.3E-03	1.0E-03	9.4E-06	1.6E-01	4.4E-02	6.5E-08
280	0.83796	0.06	5.6E-08	9.3E-03	1.0E-03	8.2E-06	1.6E-01	4.4E-02	5.6E-08
281	0.79973	0.05	5.4E-08	9.3E-03	1.0E-03	7.8E-06	1.6E-01	4.4E-02	5.4E-08
282	0.7524	0.05	5.1E-08	9.3E-03	1.0E-03	7.3E-06	1.6E-01	4.4E-02	5.1E-08
283	0.68509	0.05	4.6E-08	9.3E-03	1.0E-03	6.7E-06	1.6E-01	4.4E-02	4.6E-08
284	0.64704	0.04	4.4E-08	9.3E-03	1.0E-03	6.3E-06	1.6E-01	4.4E-02	4.4E-08

Risk From P2BC - Unmitigated Residential

MUIR School Project

Risk From P2BC - Unmitigated Residential

Max 15.85

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.18112	0.09	8.8E-08	7.0E-03	1.0E-03	1.3E-06	1.6E-01	4.2E-01	8.8E-08
44	0.20099	0.10	9.8E-08	7.0E-03	1.0E-03	1.5E-06	1.6E-01	4.2E-01	9.8E-08
45	0.22328	0.11	1.1E-07	7.0E-03	1.0E-03	1.6E-06	1.6E-01	4.2E-01	1.1E-07
46	0.24832	0.12	1.2E-07	7.0E-03	1.0E-03	1.8E-06	1.6E-01	4.2E-01	1.2E-07
47	0.27554	0.13	1.3E-07	7.0E-03	1.0E-03	2.0E-06	1.6E-01	4.2E-01	1.3E-07
48	0.3042	0.15	1.5E-07	7.0E-03	1.0E-03	2.2E-06	1.6E-01	4.2E-01	1.5E-07
49	0.33415	0.16	1.6E-07	7.0E-03	1.0E-03	2.4E-06	1.6E-01	4.2E-01	1.6E-07
50	0.36365	0.18	1.8E-07	7.0E-03	1.0E-03	2.7E-06	1.6E-01	4.2E-01	1.8E-07
51	0.39244	0.19	1.9E-07	7.0E-03	1.0E-03	2.9E-06	1.6E-01	4.2E-01	1.9E-07
52	0.41931	0.20	2.0E-07	7.0E-03	1.0E-03	3.1E-06	1.6E-01	4.2E-01	2.0E-07
53	0.44405	0.22	2.2E-07	7.0E-03	1.0E-03	3.2E-06	1.6E-01	4.2E-01	2.2E-07
54	0.4654	0.23	2.3E-07	7.0E-03	1.0E-03	3.4E-06	1.6E-01	4.2E-01	2.3E-07
55	0.50189	0.24	2.4E-07	7.0E-03	1.0E-03	3.7E-06	1.6E-01	4.2E-01	2.4E-07
56	0.505	0.25	2.5E-07	7.0E-03	1.0E-03	3.7E-06	1.6E-01	4.2E-01	2.5E-07
57	0.49838	0.24	2.4E-07	7.0E-03	1.0E-03	3.6E-06	1.6E-01	4.2E-01	2.4E-07
58	0.48497	0.24	2.4E-07	7.0E-03	1.0E-03	3.5E-06	1.6E-01	4.2E-01	2.4E-07
59	0.46608	0.23	2.3E-07	7.0E-03	1.0E-03	3.4E-06	1.6E-01	4.2E-01	2.3E-07
60	0.44357	0.22	2.2E-07	7.0E-03	1.0E-03	3.2E-06	1.6E-01	4.2E-01	2.2E-07
61	0.22076	0.11	1.1E-07	7.0E-03	1.0E-03	1.6E-06	1.6E-01	4.2E-01	1.1E-07
62	0.24942	0.12	1.2E-07	7.0E-03	1.0E-03	1.8E-06	1.6E-01	4.2E-01	1.2E-07
63	0.28133	0.14	1.4E-07	7.0E-03	1.0E-03	2.1E-06	1.6E-01	4.2E-01	1.4E-07
64	0.31701	0.15	1.5E-07	7.0E-03	1.0E-03	2.3E-06	1.6E-01	4.2E-01	1.5E-07
65	0.35661	0.17	1.7E-07	7.0E-03	1.0E-03	2.6E-06	1.6E-01	4.2E-01	1.7E-07
66	0.39856	0.19	1.9E-07	7.0E-03	1.0E-03	2.9E-06	1.6E-01	4.2E-01	1.9E-07
67	0.44117	0.21	2.1E-07	7.0E-03	1.0E-03	3.2E-06	1.6E-01	4.2E-01	2.1E-07
68	0.4833	0.24	2.4E-07	7.0E-03	1.0E-03	3.5E-06	1.6E-01	4.2E-01	2.4E-07
69	0.52263	0.25	2.5E-07	7.0E-03	1.0E-03	3.8E-06	1.6E-01	4.2E-01	2.5E-07
70	0.55899	0.27	2.7E-07	7.0E-03	1.0E-03	4.1E-06	1.6E-01	4.2E-01	2.7E-07
71	0.5901	0.29	2.9E-07	7.0E-03	1.0E-03	4.3E-06	1.6E-01	4.2E-01	2.9E-07
72	0.61716	0.30	3.0E-07	7.0E-03	1.0E-03	4.5E-06	1.6E-01	4.2E-01	3.0E-07
73	0.59177	0.29	2.9E-07	7.0E-03	1.0E-03	4.3E-06	1.6E-01	4.2E-01	2.9E-07
74	0.56005	0.27	2.7E-07	7.0E-03	1.0E-03	4.1E-06	1.6E-01	4.2E-01	2.7E-07
75	0.5248	0.26	2.6E-07	7.0E-03	1.0E-03	3.8E-06	1.6E-01	4.2E-01	2.6E-07
76	0.2209	0.11	1.1E-07	7.0E-03	1.0E-03	1.6E-06	1.6E-01	4.2E-01	1.1E-07
77	0.26156	0.13	1.3E-07	7.0E-03	1.0E-03	1.9E-06	1.6E-01	4.2E-01	1.3E-07
78	0.30885	0.15	1.5E-07	7.0E-03	1.0E-03	2.3E-06	1.6E-01	4.2E-01	1.5E-07
79	0.36698	0.18	1.8E-07	7.0E-03	1.0E-03	2.7E-06	1.6E-01	4.2E-01	1.8E-07
80	0.42137	0.21	2.1E-07	7.0E-03	1.0E-03	3.1E-06	1.6E-01	4.2E-01	2.1E-07
81	0.48186	0.23	2.3E-07	7.0E-03	1.0E-03	3.5E-06	1.6E-01	4.2E-01	2.3E-07
82	0.54579	0.27	2.7E-07	7.0E-03	1.0E-03	4.0E-06	1.6E-01	4.2E-01	2.7E-07
83	0.61025	0.30	3.0E-07	7.0E-03	1.0E-03	4.5E-06	1.6E-01	4.2E-01	3.0E-07
84	0.67136	0.33	3.3E-07	7.0E-03	1.0E-03	4.9E-06	1.6E-01	4.2E-01	3.3E-07
85	0.72699	0.35	3.5E-07	7.0E-03	1.0E-03	5.3E-06	1.6E-01	4.2E-01	3.5E-07

MUIR School Project

Risk From P2BC - Unmitigated Residential

Max 15.85

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
86	0.77452	0.38	3.8E-07	7.0E-03	1.0E-03	5.7E-06	1.6E-01	4.2E-01	3.8E-07
87	0.77581	0.38	3.8E-07	7.0E-03	1.0E-03	5.7E-06	1.6E-01	4.2E-01	3.8E-07
88	0.72955	0.36	3.6E-07	7.0E-03	1.0E-03	5.3E-06	1.6E-01	4.2E-01	3.6E-07
89	0.67655	0.33	3.3E-07	7.0E-03	1.0E-03	4.9E-06	1.6E-01	4.2E-01	3.3E-07
90	0.62209	0.30	3.0E-07	7.0E-03	1.0E-03	4.5E-06	1.6E-01	4.2E-01	3.0E-07
91	0.56708	0.28	2.8E-07	7.0E-03	1.0E-03	4.1E-06	1.6E-01	4.2E-01	2.8E-07
92	0.26052	0.13	1.3E-07	7.0E-03	1.0E-03	1.9E-06	1.6E-01	4.2E-01	1.3E-07
93	0.30521	0.15	1.5E-07	7.0E-03	1.0E-03	2.2E-06	1.6E-01	4.2E-01	1.5E-07
94	0.35488	0.17	1.7E-07	7.0E-03	1.0E-03	2.6E-06	1.6E-01	4.2E-01	1.7E-07
95	0.4255	0.21	2.1E-07	7.0E-03	1.0E-03	3.1E-06	1.6E-01	4.2E-01	2.1E-07
96	0.50174	0.24	2.4E-07	7.0E-03	1.0E-03	3.7E-06	1.6E-01	4.2E-01	2.4E-07
97	0.58936	0.29	2.9E-07	7.0E-03	1.0E-03	4.3E-06	1.6E-01	4.2E-01	2.9E-07
98	0.69046	0.34	3.4E-07	7.0E-03	1.0E-03	5.0E-06	1.6E-01	4.2E-01	3.4E-07
99	0.79487	0.39	3.9E-07	7.0E-03	1.0E-03	5.8E-06	1.6E-01	4.2E-01	3.9E-07
100	0.89613	0.44	4.4E-07	7.0E-03	1.0E-03	6.5E-06	1.6E-01	4.2E-01	4.4E-07
101	0.98472	0.48	4.8E-07	7.0E-03	1.0E-03	7.2E-06	1.6E-01	4.2E-01	4.8E-07
102	1.06399	0.52	5.2E-07	7.0E-03	1.0E-03	7.8E-06	1.6E-01	4.2E-01	5.2E-07
103	1.11566	0.54	5.4E-07	7.0E-03	1.0E-03	8.1E-06	1.6E-01	4.2E-01	5.4E-07
104	0.98959	0.48	4.8E-07	7.0E-03	1.0E-03	7.2E-06	1.6E-01	4.2E-01	4.8E-07
105	0.90463	0.44	4.4E-07	7.0E-03	1.0E-03	6.6E-06	1.6E-01	4.2E-01	4.4E-07
106	0.81764	0.40	4.0E-07	7.0E-03	1.0E-03	6.0E-06	1.6E-01	4.2E-01	4.0E-07
107	0.73299	0.36	3.6E-07	7.0E-03	1.0E-03	5.3E-06	1.6E-01	4.2E-01	3.6E-07
108	0.65248	0.32	3.2E-07	7.0E-03	1.0E-03	4.8E-06	1.6E-01	4.2E-01	3.2E-07
109	0.33673	0.16	1.6E-07	7.0E-03	1.0E-03	2.5E-06	1.6E-01	4.2E-01	1.6E-07
110	0.40304	0.20	2.0E-07	7.0E-03	1.0E-03	2.9E-06	1.6E-01	4.2E-01	2.0E-07
111	0.49308	0.24	2.4E-07	7.0E-03	1.0E-03	3.6E-06	1.6E-01	4.2E-01	2.4E-07
112	0.6	0.29	2.9E-07	7.0E-03	1.0E-03	4.4E-06	1.6E-01	4.2E-01	2.9E-07
113	0.72834	0.35	3.5E-07	7.0E-03	1.0E-03	5.3E-06	1.6E-01	4.2E-01	3.5E-07
114	0.89434	0.44	4.4E-07	7.0E-03	1.0E-03	6.5E-06	1.6E-01	4.2E-01	4.4E-07
115	1.0718	0.52	5.2E-07	7.0E-03	1.0E-03	7.8E-06	1.6E-01	4.2E-01	5.2E-07
116	1.25418	0.61	6.1E-07	7.0E-03	1.0E-03	9.2E-06	1.6E-01	4.2E-01	6.1E-07
117	1.41642	0.69	6.9E-07	7.0E-03	1.0E-03	1.0E-05	1.6E-01	4.2E-01	6.9E-07
118	1.55644	0.76	7.6E-07	7.0E-03	1.0E-03	1.1E-05	1.6E-01	4.2E-01	7.6E-07
119	1.54624	0.75	7.5E-07	7.0E-03	1.0E-03	1.1E-05	1.6E-01	4.2E-01	7.5E-07
120	1.41908	0.69	6.9E-07	7.0E-03	1.0E-03	1.0E-05	1.6E-01	4.2E-01	6.9E-07
121	1.26893	0.62	6.2E-07	7.0E-03	1.0E-03	9.3E-06	1.6E-01	4.2E-01	6.2E-07
122	1.11926	0.54	5.4E-07	7.0E-03	1.0E-03	8.2E-06	1.6E-01	4.2E-01	5.4E-07
123	0.97882	0.48	4.8E-07	7.0E-03	1.0E-03	7.1E-06	1.6E-01	4.2E-01	4.8E-07
124	0.85082	0.41	4.1E-07	7.0E-03	1.0E-03	6.2E-06	1.6E-01	4.2E-01	4.1E-07
125	0.73762	0.36	3.6E-07	7.0E-03	1.0E-03	5.4E-06	1.6E-01	4.2E-01	3.6E-07
126	0.4533	0.22	2.2E-07	7.0E-03	1.0E-03	3.3E-06	1.6E-01	4.2E-01	2.2E-07
127	0.56679	0.28	2.8E-07	7.0E-03	1.0E-03	4.1E-06	1.6E-01	4.2E-01	2.8E-07
128	0.71619	0.35	3.5E-07	7.0E-03	1.0E-03	5.2E-06	1.6E-01	4.2E-01	3.5E-07

MUIR School Project

Risk From P2BC - Unmitigated Residential

Max 15.85

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	0.90321	0.44	4.4E-07	7.0E-03	1.0E-03	6.6E-06	1.6E-01	4.2E-01	4.4E-07
130	1.1643	0.57	5.7E-07	7.0E-03	1.0E-03	8.5E-06	1.6E-01	4.2E-01	5.7E-07
131	1.52396	0.74	7.4E-07	7.0E-03	1.0E-03	1.1E-05	1.6E-01	4.2E-01	7.4E-07
132	1.88445	0.92	9.2E-07	7.0E-03	1.0E-03	1.4E-05	1.6E-01	4.2E-01	9.2E-07
133	2.20163	1.07	1.1E-06	7.0E-03	1.0E-03	1.6E-05	1.6E-01	4.2E-01	1.1E-06
134	1.91772	0.93	9.3E-07	7.0E-03	1.0E-03	1.4E-05	1.6E-01	4.2E-01	9.3E-07
135	1.62382	0.79	7.9E-07	7.0E-03	1.0E-03	1.2E-05	1.6E-01	4.2E-01	7.9E-07
136	1.36539	0.66	6.6E-07	7.0E-03	1.0E-03	1.0E-05	1.6E-01	4.2E-01	6.6E-07
137	1.1475	0.56	5.6E-07	7.0E-03	1.0E-03	8.4E-06	1.6E-01	4.2E-01	5.6E-07
138	0.96361	0.47	4.7E-07	7.0E-03	1.0E-03	7.0E-06	1.6E-01	4.2E-01	4.7E-07
139	0.81393	0.40	4.0E-07	7.0E-03	1.0E-03	5.9E-06	1.6E-01	4.2E-01	4.0E-07
140	0.50204	0.24	2.4E-07	7.0E-03	1.0E-03	3.7E-06	1.6E-01	4.2E-01	2.4E-07
141	0.6441	0.31	3.1E-07	7.0E-03	1.0E-03	4.7E-06	1.6E-01	4.2E-01	3.1E-07
142	0.8444	0.41	4.1E-07	7.0E-03	1.0E-03	6.2E-06	1.6E-01	4.2E-01	4.1E-07
143	1.13679	0.55	5.5E-07	7.0E-03	1.0E-03	8.3E-06	1.6E-01	4.2E-01	5.5E-07
144	1.58896	0.77	7.7E-07	7.0E-03	1.0E-03	1.2E-05	1.6E-01	4.2E-01	7.7E-07
145	3.20934	1.56	1.6E-06	7.0E-03	1.0E-03	2.3E-05	1.6E-01	4.2E-01	1.6E-06
146	2.52827	1.23	1.2E-06	7.0E-03	1.0E-03	1.8E-05	1.6E-01	4.2E-01	1.2E-06
147	2.01789	0.98	9.8E-07	7.0E-03	1.0E-03	1.5E-05	1.6E-01	4.2E-01	9.8E-07
148	1.6098	0.78	7.8E-07	7.0E-03	1.0E-03	1.2E-05	1.6E-01	4.2E-01	7.8E-07
149	1.29571	0.63	6.3E-07	7.0E-03	1.0E-03	9.5E-06	1.6E-01	4.2E-01	6.3E-07
150	1.05553	0.51	5.1E-07	7.0E-03	1.0E-03	7.7E-06	1.6E-01	4.2E-01	5.1E-07
151	0.92276	0.45	4.5E-07	7.0E-03	1.0E-03	6.7E-06	1.6E-01	4.2E-01	4.5E-07
152	0.97056	0.47	4.7E-07	7.0E-03	1.0E-03	7.1E-06	1.6E-01	4.2E-01	4.7E-07
153	1.38947	0.68	6.8E-07	7.0E-03	1.0E-03	1.0E-05	1.6E-01	4.2E-01	6.8E-07
154	2.06019	1.00	1.0E-06	7.0E-03	1.0E-03	1.5E-05	1.6E-01	4.2E-01	1.0E-06
155	3.23293	1.57	1.6E-06	7.0E-03	1.0E-03	2.4E-05	1.6E-01	4.2E-01	1.6E-06
156	2.37885	1.16	1.2E-06	7.0E-03	1.0E-03	1.7E-05	1.6E-01	4.2E-01	1.2E-06
157	1.80267	0.88	8.8E-07	7.0E-03	1.0E-03	1.3E-05	1.6E-01	4.2E-01	8.8E-07
158	1.39663	0.68	6.8E-07	7.0E-03	1.0E-03	1.0E-05	1.6E-01	4.2E-01	6.8E-07
159	1.11306	0.54	5.4E-07	7.0E-03	1.0E-03	8.1E-06	1.6E-01	4.2E-01	5.4E-07
160	0.94131	0.46	4.6E-07	7.0E-03	1.0E-03	6.9E-06	1.6E-01	4.2E-01	4.6E-07
161	0.76518	0.37	3.7E-07	7.0E-03	1.0E-03	5.6E-06	1.6E-01	4.2E-01	3.7E-07
162	1.05879	0.52	5.2E-07	7.0E-03	1.0E-03	7.7E-06	1.6E-01	4.2E-01	5.2E-07
163	1.59483	0.78	7.8E-07	7.0E-03	1.0E-03	1.2E-05	1.6E-01	4.2E-01	7.8E-07
164	2.58675	1.26	1.3E-06	7.0E-03	1.0E-03	1.9E-05	1.6E-01	4.2E-01	1.3E-06
165	4.96111	2.42	2.4E-06	7.0E-03	1.0E-03	3.6E-05	1.6E-01	4.2E-01	2.4E-06
166	3.74556	1.82	1.8E-06	7.0E-03	1.0E-03	2.7E-05	1.6E-01	4.2E-01	1.8E-06
167	2.60717	1.27	1.3E-06	7.0E-03	1.0E-03	1.9E-05	1.6E-01	4.2E-01	1.3E-06
168	1.91313	0.93	9.3E-07	7.0E-03	1.0E-03	1.4E-05	1.6E-01	4.2E-01	9.3E-07
169	1.46076	0.71	7.1E-07	7.0E-03	1.0E-03	1.1E-05	1.6E-01	4.2E-01	7.1E-07
170	1.16588	0.57	5.7E-07	7.0E-03	1.0E-03	8.5E-06	1.6E-01	4.2E-01	5.7E-07
171	0.93946	0.46	4.6E-07	7.0E-03	1.0E-03	6.9E-06	1.6E-01	4.2E-01	4.6E-07

MUIR School Project

Risk From P2BC - Unmitigated Residential

Max 15.85

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	0.78036	0.38	3.8E-07	7.0E-03	1.0E-03	5.7E-06	1.6E-01	4.2E-01	3.8E-07
173	1.10215	0.54	5.4E-07	7.0E-03	1.0E-03	8.0E-06	1.6E-01	4.2E-01	5.4E-07
174	1.67459	0.82	8.2E-07	7.0E-03	1.0E-03	1.2E-05	1.6E-01	4.2E-01	8.2E-07
175	2.84124	1.38	1.4E-06	7.0E-03	1.0E-03	2.1E-05	1.6E-01	4.2E-01	1.4E-06
176	5.74561	2.80	2.8E-06	7.0E-03	1.0E-03	4.2E-05	1.6E-01	4.2E-01	2.8E-06
177	11.21815	5.46	5.5E-06	7.0E-03	1.0E-03	8.2E-05	1.6E-01	4.2E-01	5.5E-06
178	6.28132	3.06	3.1E-06	7.0E-03	1.0E-03	4.6E-05	1.6E-01	4.2E-01	3.1E-06
179	3.9635	1.93	1.9E-06	7.0E-03	1.0E-03	2.9E-05	1.6E-01	4.2E-01	1.9E-06
180	2.72246	1.33	1.3E-06	7.0E-03	1.0E-03	2.0E-05	1.6E-01	4.2E-01	1.3E-06
181	1.97356	0.96	9.6E-07	7.0E-03	1.0E-03	1.4E-05	1.6E-01	4.2E-01	9.6E-07
182	1.4958	0.73	7.3E-07	7.0E-03	1.0E-03	1.1E-05	1.6E-01	4.2E-01	7.3E-07
183	1.18427	0.58	5.8E-07	7.0E-03	1.0E-03	8.6E-06	1.6E-01	4.2E-01	5.8E-07
184	0.93957	0.46	4.6E-07	7.0E-03	1.0E-03	6.9E-06	1.6E-01	4.2E-01	4.6E-07
185	2.6091	1.27	1.3E-06	7.0E-03	1.0E-03	1.9E-05	1.6E-01	4.2E-01	1.3E-06
186	4.97705	2.42	2.4E-06	7.0E-03	1.0E-03	3.6E-05	1.6E-01	4.2E-01	2.4E-06
187	11.48932	5.59	5.6E-06	7.0E-03	1.0E-03	8.4E-05	1.6E-01	4.2E-01	5.6E-06
188	32.56196	15.85	1.6E-05	7.0E-03	1.0E-03	2.4E-04	1.6E-01	4.2E-01	1.6E-05
189	17.65743	8.60	8.6E-06	7.0E-03	1.0E-03	1.3E-04	1.6E-01	4.2E-01	8.6E-06
190	9.75289	4.75	4.7E-06	7.0E-03	1.0E-03	7.1E-05	1.6E-01	4.2E-01	4.7E-06
191	5.91121	2.88	2.9E-06	7.0E-03	1.0E-03	4.3E-05	1.6E-01	4.2E-01	2.9E-06
192	3.89057	1.89	1.9E-06	7.0E-03	1.0E-03	2.8E-05	1.6E-01	4.2E-01	1.9E-06
193	2.71327	1.32	1.3E-06	7.0E-03	1.0E-03	2.0E-05	1.6E-01	4.2E-01	1.3E-06
194	1.98844	0.97	9.7E-07	7.0E-03	1.0E-03	1.5E-05	1.6E-01	4.2E-01	9.7E-07
195	1.5217	0.74	7.4E-07	7.0E-03	1.0E-03	1.1E-05	1.6E-01	4.2E-01	7.4E-07
196	1.19428	0.58	5.8E-07	7.0E-03	1.0E-03	8.7E-06	1.6E-01	4.2E-01	5.8E-07
197	0.95378	0.46	4.6E-07	7.0E-03	1.0E-03	7.0E-06	1.6E-01	4.2E-01	4.6E-07
198	1.40122	0.68	6.8E-07	7.0E-03	1.0E-03	1.0E-05	1.6E-01	4.2E-01	6.8E-07
199	2.10171	1.02	1.0E-06	7.0E-03	1.0E-03	1.5E-05	1.6E-01	4.2E-01	1.0E-06
200	3.37562	1.64	1.6E-06	7.0E-03	1.0E-03	2.5E-05	1.6E-01	4.2E-01	1.6E-06
201	5.51703	2.69	2.7E-06	7.0E-03	1.0E-03	4.0E-05	1.6E-01	4.2E-01	2.7E-06
202	8.86162	4.31	4.3E-06	7.0E-03	1.0E-03	6.5E-05	1.6E-01	4.2E-01	4.3E-06
203	10.49318	5.11	5.1E-06	7.0E-03	1.0E-03	7.7E-05	1.6E-01	4.2E-01	5.1E-06
204	9.15808	4.46	4.5E-06	7.0E-03	1.0E-03	6.7E-05	1.6E-01	4.2E-01	4.5E-06
205	6.73305	3.28	3.3E-06	7.0E-03	1.0E-03	4.9E-05	1.6E-01	4.2E-01	3.3E-06
206	4.80512	2.34	2.3E-06	7.0E-03	1.0E-03	3.5E-05	1.6E-01	4.2E-01	2.3E-06
207	3.45292	1.68	1.7E-06	7.0E-03	1.0E-03	2.5E-05	1.6E-01	4.2E-01	1.7E-06
208	2.54091	1.24	1.2E-06	7.0E-03	1.0E-03	1.9E-05	1.6E-01	4.2E-01	1.2E-06
209	1.92791	0.94	9.4E-07	7.0E-03	1.0E-03	1.4E-05	1.6E-01	4.2E-01	9.4E-07
210	1.51174	0.74	7.4E-07	7.0E-03	1.0E-03	1.1E-05	1.6E-01	4.2E-01	7.4E-07
211	1.19852	0.58	5.8E-07	7.0E-03	1.0E-03	8.7E-06	1.6E-01	4.2E-01	5.8E-07
212	0.96015	0.47	4.7E-07	7.0E-03	1.0E-03	7.0E-06	1.6E-01	4.2E-01	4.7E-07
213	1.159	0.56	5.6E-07	7.0E-03	1.0E-03	8.5E-06	1.6E-01	4.2E-01	5.6E-07
214	1.60885	0.78	7.8E-07	7.0E-03	1.0E-03	1.2E-05	1.6E-01	4.2E-01	7.8E-07

MUIR School Project

Risk From P2BC - Unmitigated Residential

Max 15.85

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
215	2.21774	1.08	1.1E-06	7.0E-03	1.0E-03	1.6E-05	1.6E-01	4.2E-01	1.1E-06
216	3.11912	1.52	1.5E-06	7.0E-03	1.0E-03	2.3E-05	1.6E-01	4.2E-01	1.5E-06
217	4.16371	2.03	2.0E-06	7.0E-03	1.0E-03	3.0E-05	1.6E-01	4.2E-01	2.0E-06
218	4.84533	2.36	2.4E-06	7.0E-03	1.0E-03	3.5E-05	1.6E-01	4.2E-01	2.4E-06
219	4.7422	2.31	2.3E-06	7.0E-03	1.0E-03	3.5E-05	1.6E-01	4.2E-01	2.3E-06
220	4.1984	2.04	2.0E-06	7.0E-03	1.0E-03	3.1E-05	1.6E-01	4.2E-01	2.0E-06
221	3.46526	1.69	1.7E-06	7.0E-03	1.0E-03	2.5E-05	1.6E-01	4.2E-01	1.7E-06
222	2.76846	1.35	1.3E-06	7.0E-03	1.0E-03	2.0E-05	1.6E-01	4.2E-01	1.3E-06
223	2.19239	1.07	1.1E-06	7.0E-03	1.0E-03	1.6E-05	1.6E-01	4.2E-01	1.1E-06
224	1.74446	0.85	8.5E-07	7.0E-03	1.0E-03	1.3E-05	1.6E-01	4.2E-01	8.5E-07
225	1.42498	0.69	6.9E-07	7.0E-03	1.0E-03	1.0E-05	1.6E-01	4.2E-01	6.9E-07
226	1.14638	0.56	5.6E-07	7.0E-03	1.0E-03	8.4E-06	1.6E-01	4.2E-01	5.6E-07
227	0.94578	0.46	4.6E-07	7.0E-03	1.0E-03	6.9E-06	1.6E-01	4.2E-01	4.6E-07
228	1.20095	0.58	5.8E-07	7.0E-03	1.0E-03	8.8E-06	1.6E-01	4.2E-01	5.8E-07
229	1.55109	0.76	7.6E-07	7.0E-03	1.0E-03	1.1E-05	1.6E-01	4.2E-01	7.6E-07
230	1.97303	0.96	9.6E-07	7.0E-03	1.0E-03	1.4E-05	1.6E-01	4.2E-01	9.6E-07
231	2.43245	1.18	1.2E-06	7.0E-03	1.0E-03	1.8E-05	1.6E-01	4.2E-01	1.2E-06
232	2.74952	1.34	1.3E-06	7.0E-03	1.0E-03	2.0E-05	1.6E-01	4.2E-01	1.3E-06
233	2.80806	1.37	1.4E-06	7.0E-03	1.0E-03	2.0E-05	1.6E-01	4.2E-01	1.4E-06
234	2.66014	1.30	1.3E-06	7.0E-03	1.0E-03	1.9E-05	1.6E-01	4.2E-01	1.3E-06
235	2.38735	1.16	1.2E-06	7.0E-03	1.0E-03	1.7E-05	1.6E-01	4.2E-01	1.2E-06
236	2.08514	1.02	1.0E-06	7.0E-03	1.0E-03	1.5E-05	1.6E-01	4.2E-01	1.0E-06
237	1.7717	0.86	8.6E-07	7.0E-03	1.0E-03	1.3E-05	1.6E-01	4.2E-01	8.6E-07
238	1.49067	0.73	7.3E-07	7.0E-03	1.0E-03	1.1E-05	1.6E-01	4.2E-01	7.3E-07
239	1.26104	0.61	6.1E-07	7.0E-03	1.0E-03	9.2E-06	1.6E-01	4.2E-01	6.1E-07
240	1.06233	0.52	5.2E-07	7.0E-03	1.0E-03	7.8E-06	1.6E-01	4.2E-01	5.2E-07
241	0.89756	0.44	4.4E-07	7.0E-03	1.0E-03	6.5E-06	1.6E-01	4.2E-01	4.4E-07
242	0.61244	0.30	3.0E-07	7.0E-03	1.0E-03	4.5E-06	1.6E-01	4.2E-01	3.0E-07
243	0.75269	0.37	3.7E-07	7.0E-03	1.0E-03	5.5E-06	1.6E-01	4.2E-01	3.7E-07
244	0.92174	0.45	4.5E-07	7.0E-03	1.0E-03	6.7E-06	1.6E-01	4.2E-01	4.5E-07
245	1.12952	0.55	5.5E-07	7.0E-03	1.0E-03	8.2E-06	1.6E-01	4.2E-01	5.5E-07
246	1.36222	0.66	6.6E-07	7.0E-03	1.0E-03	9.9E-06	1.6E-01	4.2E-01	6.6E-07
247	1.598	0.78	7.8E-07	7.0E-03	1.0E-03	1.2E-05	1.6E-01	4.2E-01	7.8E-07
248	1.78037	0.87	8.7E-07	7.0E-03	1.0E-03	1.3E-05	1.6E-01	4.2E-01	8.7E-07
249	1.82847	0.89	8.9E-07	7.0E-03	1.0E-03	1.3E-05	1.6E-01	4.2E-01	8.9E-07
250	1.78569	0.87	8.7E-07	7.0E-03	1.0E-03	1.3E-05	1.6E-01	4.2E-01	8.7E-07
251	1.68372	0.82	8.2E-07	7.0E-03	1.0E-03	1.2E-05	1.6E-01	4.2E-01	8.2E-07
252	1.49191	0.73	7.3E-07	7.0E-03	1.0E-03	1.1E-05	1.6E-01	4.2E-01	7.3E-07
253	1.34585	0.66	6.6E-07	7.0E-03	1.0E-03	9.8E-06	1.6E-01	4.2E-01	6.6E-07
254	1.2008	0.58	5.8E-07	7.0E-03	1.0E-03	8.8E-06	1.6E-01	4.2E-01	5.8E-07
255	1.06346	0.52	5.2E-07	7.0E-03	1.0E-03	7.8E-06	1.6E-01	4.2E-01	5.2E-07
256	0.93402	0.45	4.5E-07	7.0E-03	1.0E-03	6.8E-06	1.6E-01	4.2E-01	4.5E-07
257	0.81513	0.40	4.0E-07	7.0E-03	1.0E-03	5.9E-06	1.6E-01	4.2E-01	4.0E-07

MUIR School Project

Risk From P2BC - Unmitigated Residential

Max 15.85

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
258	0.51897	0.25	2.5E-07	7.0E-03	1.0E-03	3.8E-06	1.6E-01	4.2E-01	2.5E-07
259	0.61227	0.30	3.0E-07	7.0E-03	1.0E-03	4.5E-06	1.6E-01	4.2E-01	3.0E-07
260	0.8653	0.42	4.2E-07	7.0E-03	1.0E-03	6.3E-06	1.6E-01	4.2E-01	4.2E-07
261	0.99739	0.49	4.9E-07	7.0E-03	1.0E-03	7.3E-06	1.6E-01	4.2E-01	4.9E-07
262	1.14018	0.56	5.6E-07	7.0E-03	1.0E-03	8.3E-06	1.6E-01	4.2E-01	5.6E-07
263	1.23657	0.60	6.0E-07	7.0E-03	1.0E-03	9.0E-06	1.6E-01	4.2E-01	6.0E-07
264	1.28896	0.63	6.3E-07	7.0E-03	1.0E-03	9.4E-06	1.6E-01	4.2E-01	6.3E-07
265	1.26127	0.61	6.1E-07	7.0E-03	1.0E-03	9.2E-06	1.6E-01	4.2E-01	6.1E-07
266	1.22416	0.60	6.0E-07	7.0E-03	1.0E-03	8.9E-06	1.6E-01	4.2E-01	6.0E-07
267	1.15821	0.56	5.6E-07	7.0E-03	1.0E-03	8.5E-06	1.6E-01	4.2E-01	5.6E-07
268	1.02222	0.50	5.0E-07	7.0E-03	1.0E-03	7.5E-06	1.6E-01	4.2E-01	5.0E-07
269	0.94533	0.46	4.6E-07	7.0E-03	1.0E-03	6.9E-06	1.6E-01	4.2E-01	4.6E-07
270	0.86581	0.42	4.2E-07	7.0E-03	1.0E-03	6.3E-06	1.6E-01	4.2E-01	4.2E-07
271	0.79232	0.39	3.9E-07	7.0E-03	1.0E-03	5.8E-06	1.6E-01	4.2E-01	3.9E-07
272	0.71459	0.35	3.5E-07	7.0E-03	1.0E-03	5.2E-06	1.6E-01	4.2E-01	3.5E-07
273	0.76159	0.37	3.7E-07	7.0E-03	1.0E-03	5.6E-06	1.6E-01	4.2E-01	3.7E-07
274	0.85062	0.41	4.1E-07	7.0E-03	1.0E-03	6.2E-06	1.6E-01	4.2E-01	4.1E-07
275	0.91766	0.45	4.5E-07	7.0E-03	1.0E-03	6.7E-06	1.6E-01	4.2E-01	4.5E-07
276	0.95455	0.46	4.6E-07	7.0E-03	1.0E-03	7.0E-06	1.6E-01	4.2E-01	4.6E-07
277	0.94498	0.46	4.6E-07	7.0E-03	1.0E-03	6.9E-06	1.6E-01	4.2E-01	4.6E-07
278	0.9287	0.45	4.5E-07	7.0E-03	1.0E-03	6.8E-06	1.6E-01	4.2E-01	4.5E-07
279	0.89498	0.44	4.4E-07	7.0E-03	1.0E-03	6.5E-06	1.6E-01	4.2E-01	4.4E-07
280	0.77666	0.38	3.8E-07	7.0E-03	1.0E-03	5.7E-06	1.6E-01	4.2E-01	3.8E-07
281	0.74159	0.36	3.6E-07	7.0E-03	1.0E-03	5.4E-06	1.6E-01	4.2E-01	3.6E-07
282	0.69847	0.34	3.4E-07	7.0E-03	1.0E-03	5.1E-06	1.6E-01	4.2E-01	3.4E-07
283	0.63785	0.31	3.1E-07	7.0E-03	1.0E-03	4.7E-06	1.6E-01	4.2E-01	3.1E-07
284	0.603	0.29	2.9E-07	7.0E-03	1.0E-03	4.4E-06	1.6E-01	4.2E-01	2.9E-07

Risk From P2P - Unmitigated Residential

MUIR School Project

Risk From P2P - Unmitigated Residential

	Max	0.96				Birth to 2			
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
43	0.16073	0.00	1.6E-09	4.4E-03	1.0E-03	7.3E-07	1.6E-01	1.4E-02	1.6E-09
44	0.1771	0.00	1.7E-09	4.4E-03	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.7E-09
45	0.19534	0.00	1.9E-09	4.4E-03	1.0E-03	8.9E-07	1.6E-01	1.4E-02	1.9E-09
46	0.21574	0.00	2.1E-09	4.4E-03	1.0E-03	9.8E-07	1.6E-01	1.4E-02	2.1E-09
47	0.23783	0.00	2.3E-09	4.4E-03	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.3E-09
48	0.26109	0.00	2.6E-09	4.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
49	0.28554	0.00	2.8E-09	4.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
50	0.30988	0.00	3.0E-09	4.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
51	0.33407	0.00	3.3E-09	4.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
52	0.3571	0.00	3.5E-09	4.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
53	0.37867	0.00	3.7E-09	4.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
54	0.39764	0.00	3.9E-09	4.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
55	0.43639	0.00	4.3E-09	4.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
56	0.44494	0.00	4.4E-09	4.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
57	0.44582	0.00	4.4E-09	4.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
58	0.44075	0.00	4.3E-09	4.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
59	0.43015	0.00	4.2E-09	4.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.2E-09
60	0.41536	0.00	4.1E-09	4.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
61	0.19314	0.00	1.9E-09	4.4E-03	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
62	0.21624	0.00	2.1E-09	4.4E-03	1.0E-03	9.9E-07	1.6E-01	1.4E-02	2.1E-09
63	0.24169	0.00	2.4E-09	4.4E-03	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
64	0.26994	0.00	2.6E-09	4.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
65	0.30129	0.00	3.0E-09	4.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
66	0.33442	0.00	3.3E-09	4.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
67	0.36836	0.00	3.6E-09	4.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
68	0.40264	0.00	4.0E-09	4.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
69	0.43541	0.00	4.3E-09	4.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.3E-09
70	0.46639	0.00	4.6E-09	4.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.6E-09
71	0.49357	0.00	4.8E-09	4.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
72	0.55106	0.01	5.4E-09	4.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
73	0.53895	0.01	5.3E-09	4.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.3E-09
74	0.51963	0.01	5.1E-09	4.4E-03	1.0E-03	2.4E-06	1.6E-01	1.4E-02	5.1E-09
75	0.49506	0.00	4.9E-09	4.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
76	0.19294	0.00	1.9E-09	4.4E-03	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
77	0.22562	0.00	2.2E-09	4.4E-03	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
78	0.26286	0.00	2.6E-09	4.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
79	0.30788	0.00	3.0E-09	4.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	3.0E-09
80	0.34941	0.00	3.4E-09	4.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
81	0.39556	0.00	3.9E-09	4.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
82	0.44437	0.00	4.4E-09	4.4E-03	1.0E-03	2.0E-06	1.6E-01	1.4E-02	4.4E-09
83	0.49464	0.00	4.9E-09	4.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
84	0.54366	0.01	5.3E-09	4.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.3E-09
85	0.58966	0.01	5.8E-09	4.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09

MUIR School Project

Risk From P2P - Unmitigated Residential

	Max	0.96				Birth to 2			
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
86	0.63046	0.01	6.2E-09	4.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.2E-09
87	0.69381	0.01	6.8E-09	4.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.8E-09
88	0.66883	0.01	6.6E-09	4.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.6E-09
89	0.63392	0.01	6.2E-09	4.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.2E-09
90	0.59423	0.01	5.8E-09	4.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.8E-09
91	0.55128	0.01	5.4E-09	4.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
92	0.2252	0.00	2.2E-09	4.4E-03	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
93	0.26019	0.00	2.6E-09	4.4E-03	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
94	0.29825	0.00	2.9E-09	4.4E-03	1.0E-03	1.4E-06	1.6E-01	1.4E-02	2.9E-09
95	0.35142	0.00	3.4E-09	4.4E-03	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.4E-09
96	0.4076	0.00	4.0E-09	4.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
97	0.47204	0.00	4.6E-09	4.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.6E-09
98	0.54477	0.01	5.3E-09	4.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.3E-09
99	0.62171	0.01	6.1E-09	4.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
100	0.69881	0.01	6.9E-09	4.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.9E-09
101	0.77037	0.01	7.6E-09	4.4E-03	1.0E-03	3.5E-06	1.6E-01	1.4E-02	7.6E-09
102	0.83562	0.01	8.2E-09	4.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.2E-09
103	0.93917	0.01	9.2E-09	4.4E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.2E-09
104	0.89219	0.01	8.8E-09	4.4E-03	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.8E-09
105	0.84093	0.01	8.3E-09	4.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.3E-09
106	0.77957	0.01	7.6E-09	4.4E-03	1.0E-03	3.6E-06	1.6E-01	1.4E-02	7.6E-09
107	0.71478	0.01	7.0E-09	4.4E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.0E-09
108	0.64829	0.01	6.4E-09	4.4E-03	1.0E-03	3.0E-06	1.6E-01	1.4E-02	6.4E-09
109	0.28497	0.00	2.8E-09	4.4E-03	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
110	0.33492	0.00	3.3E-09	4.4E-03	1.0E-03	1.5E-06	1.6E-01	1.4E-02	3.3E-09
111	0.40094	0.00	3.9E-09	4.4E-03	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
112	0.47685	0.00	4.7E-09	4.4E-03	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.7E-09
113	0.56723	0.01	5.6E-09	4.4E-03	1.0E-03	2.6E-06	1.6E-01	1.4E-02	5.6E-09
114	0.67887	0.01	6.7E-09	4.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09
115	0.80095	0.01	7.9E-09	4.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	7.9E-09
116	0.92981	0.01	9.1E-09	4.4E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.1E-09
117	1.0524	0.01	1.0E-08	4.4E-03	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
118	1.16415	0.01	1.1E-08	4.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08
119	1.29652	0.01	1.3E-08	4.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
120	1.24899	0.01	1.2E-08	4.4E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.2E-08
121	1.16632	0.01	1.1E-08	4.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08
122	1.06757	0.01	1.0E-08	4.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.0E-08
123	0.96042	0.01	9.4E-09	4.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.4E-09
124	0.85482	0.01	8.4E-09	4.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.4E-09
125	0.75481	0.01	7.4E-09	4.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.4E-09
126	0.37321	0.00	3.7E-09	4.4E-03	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
127	0.45452	0.00	4.5E-09	4.4E-03	1.0E-03	2.1E-06	1.6E-01	1.4E-02	4.5E-09
128	0.55704	0.01	5.5E-09	4.4E-03	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.5E-09

MUIR School Project

Risk From P2P - Unmitigated Residential

Max 0.96

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	0.68239	0.01	6.7E-09	4.4E-03	1.0E-03	3.1E-06	1.6E-01	1.4E-02	6.7E-09
130	0.8483	0.01	8.3E-09	4.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.3E-09
131	1.06583	0.01	1.0E-08	4.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.0E-08
132	1.29619	0.01	1.3E-08	4.4E-03	1.0E-03	5.9E-06	1.6E-01	1.4E-02	1.3E-08
133	1.86548	0.02	1.8E-08	4.4E-03	1.0E-03	8.5E-06	1.6E-01	1.4E-02	1.8E-08
134	1.7397	0.02	1.7E-08	4.4E-03	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.7E-08
135	1.55375	0.02	1.5E-08	4.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08
136	1.35738	0.01	1.3E-08	4.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
137	1.17518	0.01	1.2E-08	4.4E-03	1.0E-03	5.4E-06	1.6E-01	1.4E-02	1.2E-08
138	1.00694	0.01	9.9E-09	4.4E-03	1.0E-03	4.6E-06	1.6E-01	1.4E-02	9.9E-09
139	0.86208	0.01	8.5E-09	4.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.5E-09
140	0.41101	0.00	4.0E-09	4.4E-03	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.0E-09
141	0.51134	0.01	5.0E-09	4.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
142	0.64514	0.01	6.3E-09	4.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.3E-09
143	0.83021	0.01	8.1E-09	4.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.1E-09
144	1.09322	0.01	1.1E-08	4.4E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
145	2.85894	0.03	2.8E-08	4.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
146	2.44332	0.02	2.4E-08	4.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
147	2.05966	0.02	2.0E-08	4.4E-03	1.0E-03	9.4E-06	1.6E-01	1.4E-02	2.0E-08
148	1.69979	0.02	1.7E-08	4.4E-03	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.7E-08
149	1.3972	0.01	1.4E-08	4.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
150	1.15198	0.01	1.1E-08	4.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08
151	1.02948	0.01	1.0E-08	4.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
152	0.73532	0.01	7.2E-09	4.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.2E-09
153	0.99049	0.01	9.7E-09	4.4E-03	1.0E-03	4.5E-06	1.6E-01	1.4E-02	9.7E-09
154	1.36192	0.01	1.3E-08	4.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
155	3.48749	0.03	3.4E-08	4.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08
156	2.65263	0.03	2.6E-08	4.4E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.6E-08
157	2.04133	0.02	2.0E-08	4.4E-03	1.0E-03	9.3E-06	1.6E-01	1.4E-02	2.0E-08
158	1.59132	0.02	1.6E-08	4.4E-03	1.0E-03	7.3E-06	1.6E-01	1.4E-02	1.6E-08
159	1.26463	0.01	1.2E-08	4.4E-03	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.2E-08
160	1.07182	0.01	1.1E-08	4.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
161	0.61018	0.01	6.0E-09	4.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.0E-09
162	0.80931	0.01	7.9E-09	4.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	7.9E-09
163	1.1381	0.01	1.1E-08	4.4E-03	1.0E-03	5.2E-06	1.6E-01	1.4E-02	1.1E-08
164	1.68111	0.02	1.6E-08	4.4E-03	1.0E-03	7.7E-06	1.6E-01	1.4E-02	1.6E-08
165	2.72542	0.03	2.7E-08	4.4E-03	1.0E-03	1.2E-05	1.6E-01	1.4E-02	2.7E-08
166	4.59662	0.05	4.5E-08	4.4E-03	1.0E-03	2.1E-05	1.6E-01	1.4E-02	4.5E-08
167	3.17882	0.03	3.1E-08	4.4E-03	1.0E-03	1.4E-05	1.6E-01	1.4E-02	3.1E-08
168	2.29573	0.02	2.3E-08	4.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.3E-08
169	1.72501	0.02	1.7E-08	4.4E-03	1.0E-03	7.9E-06	1.6E-01	1.4E-02	1.7E-08
170	1.34945	0.01	1.3E-08	4.4E-03	1.0E-03	6.2E-06	1.6E-01	1.4E-02	1.3E-08
171	1.09349	0.01	1.1E-08	4.4E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08

MUIR School Project

Risk From P2P - Unmitigated Residential

	Max	0.96				Birth to 2			
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
172	0.63487	0.01	6.2E-09	4.4E-03	1.0E-03	2.9E-06	1.6E-01	1.4E-02	6.2E-09
173	0.86087	0.01	8.4E-09	4.4E-03	1.0E-03	3.9E-06	1.6E-01	1.4E-02	8.4E-09
174	1.23326	0.01	1.2E-08	4.4E-03	1.0E-03	5.6E-06	1.6E-01	1.4E-02	1.2E-08
175	1.92411	0.02	1.9E-08	4.4E-03	1.0E-03	8.8E-06	1.6E-01	1.4E-02	1.9E-08
176	3.35081	0.03	3.3E-08	4.4E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.3E-08
177	18.96354	0.19	1.9E-07	4.4E-03	1.0E-03	8.6E-05	1.6E-01	1.4E-02	1.9E-07
178	9.23258	0.09	9.1E-08	4.4E-03	1.0E-03	4.2E-05	1.6E-01	1.4E-02	9.1E-08
179	5.3674	0.05	5.3E-08	4.4E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.3E-08
180	3.49257	0.03	3.4E-08	4.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.4E-08
181	2.4376	0.02	2.4E-08	4.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
182	1.79328	0.02	1.8E-08	4.4E-03	1.0E-03	8.2E-06	1.6E-01	1.4E-02	1.8E-08
183	1.39138	0.01	1.4E-08	4.4E-03	1.0E-03	6.3E-06	1.6E-01	1.4E-02	1.4E-08
184	1.09183	0.01	1.1E-08	4.4E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
185	1.95077	0.02	1.9E-08	4.4E-03	1.0E-03	8.9E-06	1.6E-01	1.4E-02	1.9E-08
186	3.52171	0.03	3.5E-08	4.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
187	8.0491	0.08	7.9E-08	4.4E-03	1.0E-03	3.7E-05	1.6E-01	1.4E-02	7.9E-08
188	97.63488	0.96	9.6E-07	4.4E-03	1.0E-03	4.4E-04	1.6E-01	1.4E-02	9.6E-07
189	46.93857	0.46	4.6E-07	4.4E-03	1.0E-03	2.1E-04	1.6E-01	1.4E-02	4.6E-07
190	18.92033	0.19	1.9E-07	4.4E-03	1.0E-03	8.6E-05	1.6E-01	1.4E-02	1.9E-07
191	9.41573	0.09	9.2E-08	4.4E-03	1.0E-03	4.3E-05	1.6E-01	1.4E-02	9.2E-08
192	5.51754	0.05	5.4E-08	4.4E-03	1.0E-03	2.5E-05	1.6E-01	1.4E-02	5.4E-08
193	3.57439	0.04	3.5E-08	4.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
194	2.49508	0.02	2.4E-08	4.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
195	1.83755	0.02	1.8E-08	4.4E-03	1.0E-03	8.4E-06	1.6E-01	1.4E-02	1.8E-08
196	1.40968	0.01	1.4E-08	4.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
197	1.10329	0.01	1.1E-08	4.4E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
198	1.17316	0.01	1.2E-08	4.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.2E-08
199	1.75626	0.02	1.7E-08	4.4E-03	1.0E-03	8.0E-06	1.6E-01	1.4E-02	1.7E-08
200	2.89447	0.03	2.8E-08	4.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
201	5.22592	0.05	5.1E-08	4.4E-03	1.0E-03	2.4E-05	1.6E-01	1.4E-02	5.1E-08
202	10.68414	0.10	1.0E-07	4.4E-03	1.0E-03	4.9E-05	1.6E-01	1.4E-02	1.0E-07
203	17.46104	0.17	1.7E-07	4.4E-03	1.0E-03	8.0E-05	1.6E-01	1.4E-02	1.7E-07
204	17.05286	0.17	1.7E-07	4.4E-03	1.0E-03	7.8E-05	1.6E-01	1.4E-02	1.7E-07
205	11.7267	0.12	1.2E-07	4.4E-03	1.0E-03	5.3E-05	1.6E-01	1.4E-02	1.2E-07
206	7.55182	0.07	7.4E-08	4.4E-03	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.4E-08
207	4.95795	0.05	4.9E-08	4.4E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	4.9E-08
208	3.40638	0.03	3.3E-08	4.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.3E-08
209	2.45244	0.02	2.4E-08	4.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.4E-08
210	1.84078	0.02	1.8E-08	4.4E-03	1.0E-03	8.4E-06	1.6E-01	1.4E-02	1.8E-08
211	1.4237	0.01	1.4E-08	4.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
212	1.1132	0.01	1.1E-08	4.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
213	1.03269	0.01	1.0E-08	4.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
214	1.46247	0.01	1.4E-08	4.4E-03	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.4E-08

MUIR School Project

Risk From P2P - Unmitigated Residential

Max 0.96

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
215	2.11386	0.02	2.1E-08	4.4E-03	1.0E-03	9.6E-06	1.6E-01	1.4E-02	2.1E-08
216	3.21506	0.03	3.2E-08	4.4E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
217	4.82621	0.05	4.7E-08	4.4E-03	1.0E-03	2.2E-05	1.6E-01	1.4E-02	4.7E-08
218	6.58172	0.06	6.5E-08	4.4E-03	1.0E-03	3.0E-05	1.6E-01	1.4E-02	6.5E-08
219	7.09435	0.07	7.0E-08	4.4E-03	1.0E-03	3.2E-05	1.6E-01	1.4E-02	7.0E-08
220	6.38238	0.06	6.3E-08	4.4E-03	1.0E-03	2.9E-05	1.6E-01	1.4E-02	6.3E-08
221	5.10487	0.05	5.0E-08	4.4E-03	1.0E-03	2.3E-05	1.6E-01	1.4E-02	5.0E-08
222	3.88911	0.04	3.8E-08	4.4E-03	1.0E-03	1.8E-05	1.6E-01	1.4E-02	3.8E-08
223	2.93626	0.03	2.9E-08	4.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.9E-08
224	2.23972	0.02	2.2E-08	4.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
225	1.7526	0.02	1.7E-08	4.4E-03	1.0E-03	8.0E-06	1.6E-01	1.4E-02	1.7E-08
226	1.37278	0.01	1.3E-08	4.4E-03	1.0E-03	6.3E-06	1.6E-01	1.4E-02	1.3E-08
227	1.10645	0.01	1.1E-08	4.4E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
228	1.15505	0.01	1.1E-08	4.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08
229	1.5525	0.02	1.5E-08	4.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08
230	2.0773	0.02	2.0E-08	4.4E-03	1.0E-03	9.5E-06	1.6E-01	1.4E-02	2.0E-08
231	2.74444	0.03	2.7E-08	4.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.7E-08
232	3.4035	0.03	3.3E-08	4.4E-03	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.3E-08
233	3.74049	0.04	3.7E-08	4.4E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.7E-08
234	3.64801	0.04	3.6E-08	4.4E-03	1.0E-03	1.7E-05	1.6E-01	1.4E-02	3.6E-08
235	3.26765	0.03	3.2E-08	4.4E-03	1.0E-03	1.5E-05	1.6E-01	1.4E-02	3.2E-08
236	2.80571	0.03	2.8E-08	4.4E-03	1.0E-03	1.3E-05	1.6E-01	1.4E-02	2.8E-08
237	2.32335	0.02	2.3E-08	4.4E-03	1.0E-03	1.1E-05	1.6E-01	1.4E-02	2.3E-08
238	1.89788	0.02	1.9E-08	4.4E-03	1.0E-03	8.6E-06	1.6E-01	1.4E-02	1.9E-08
239	1.56169	0.02	1.5E-08	4.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08
240	1.28238	0.01	1.3E-08	4.4E-03	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.3E-08
241	1.05937	0.01	1.0E-08	4.4E-03	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
242	0.58332	0.01	5.7E-09	4.4E-03	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.7E-09
243	0.72883	0.01	7.2E-09	4.4E-03	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.2E-09
244	0.91402	0.01	9.0E-09	4.4E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.0E-09
245	1.15456	0.01	1.1E-08	4.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08
246	1.44086	0.01	1.4E-08	4.4E-03	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.4E-08
247	1.76823	0.02	1.7E-08	4.4E-03	1.0E-03	8.1E-06	1.6E-01	1.4E-02	1.7E-08
248	2.09668	0.02	2.1E-08	4.4E-03	1.0E-03	9.6E-06	1.6E-01	1.4E-02	2.1E-08
249	2.27204	0.02	2.2E-08	4.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
250	2.28485	0.02	2.2E-08	4.4E-03	1.0E-03	1.0E-05	1.6E-01	1.4E-02	2.2E-08
251	2.17286	0.02	2.1E-08	4.4E-03	1.0E-03	9.9E-06	1.6E-01	1.4E-02	2.1E-08
252	1.94449	0.02	1.9E-08	4.4E-03	1.0E-03	8.9E-06	1.6E-01	1.4E-02	1.9E-08
253	1.72061	0.02	1.7E-08	4.4E-03	1.0E-03	7.8E-06	1.6E-01	1.4E-02	1.7E-08
254	1.50197	0.01	1.5E-08	4.4E-03	1.0E-03	6.8E-06	1.6E-01	1.4E-02	1.5E-08
255	1.30662	0.01	1.3E-08	4.4E-03	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
256	1.1264	0.01	1.1E-08	4.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
257	0.96524	0.01	9.5E-09	4.4E-03	1.0E-03	4.4E-06	1.6E-01	1.4E-02	9.5E-09

MUIR School Project

Risk From P2P - Unmitigated Residential

Max 0.96

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
258	0.50386	0.00	4.9E-09	4.4E-03	1.0E-03	2.3E-06	1.6E-01	1.4E-02	4.9E-09
259	0.6053	0.01	5.9E-09	4.4E-03	1.0E-03	2.8E-06	1.6E-01	1.4E-02	5.9E-09
260	0.89065	0.01	8.7E-09	4.4E-03	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.7E-09
261	1.05418	0.01	1.0E-08	4.4E-03	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
262	1.24583	0.01	1.2E-08	4.4E-03	1.0E-03	5.7E-06	1.6E-01	1.4E-02	1.2E-08
263	1.40841	0.01	1.4E-08	4.4E-03	1.0E-03	6.4E-06	1.6E-01	1.4E-02	1.4E-08
264	1.53258	0.02	1.5E-08	4.4E-03	1.0E-03	7.0E-06	1.6E-01	1.4E-02	1.5E-08
265	1.55029	0.02	1.5E-08	4.4E-03	1.0E-03	7.1E-06	1.6E-01	1.4E-02	1.5E-08
266	1.51126	0.01	1.5E-08	4.4E-03	1.0E-03	6.9E-06	1.6E-01	1.4E-02	1.5E-08
267	1.43296	0.01	1.4E-08	4.4E-03	1.0E-03	6.5E-06	1.6E-01	1.4E-02	1.4E-08
268	1.26538	0.01	1.2E-08	4.4E-03	1.0E-03	5.8E-06	1.6E-01	1.4E-02	1.2E-08
269	1.15572	0.01	1.1E-08	4.4E-03	1.0E-03	5.3E-06	1.6E-01	1.4E-02	1.1E-08
270	1.0477	0.01	1.0E-08	4.4E-03	1.0E-03	4.8E-06	1.6E-01	1.4E-02	1.0E-08
271	0.94756	0.01	9.3E-09	4.4E-03	1.0E-03	4.3E-06	1.6E-01	1.4E-02	9.3E-09
272	0.84353	0.01	8.3E-09	4.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.3E-09
273	0.80279	0.01	7.9E-09	4.4E-03	1.0E-03	3.7E-06	1.6E-01	1.4E-02	7.9E-09
274	0.91894	0.01	9.0E-09	4.4E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.0E-09
275	1.02337	0.01	1.0E-08	4.4E-03	1.0E-03	4.7E-06	1.6E-01	1.4E-02	1.0E-08
276	1.10058	0.01	1.1E-08	4.4E-03	1.0E-03	5.0E-06	1.6E-01	1.4E-02	1.1E-08
277	1.1235	0.01	1.1E-08	4.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
278	1.10993	0.01	1.1E-08	4.4E-03	1.0E-03	5.1E-06	1.6E-01	1.4E-02	1.1E-08
279	1.07464	0.01	1.1E-08	4.4E-03	1.0E-03	4.9E-06	1.6E-01	1.4E-02	1.1E-08
280	0.93178	0.01	9.1E-09	4.4E-03	1.0E-03	4.2E-06	1.6E-01	1.4E-02	9.1E-09
281	0.88658	0.01	8.7E-09	4.4E-03	1.0E-03	4.0E-06	1.6E-01	1.4E-02	8.7E-09
282	0.83046	0.01	8.1E-09	4.4E-03	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.1E-09
283	0.75223	0.01	7.4E-09	4.4E-03	1.0E-03	3.4E-06	1.6E-01	1.4E-02	7.4E-09
284	0.70577	0.01	6.9E-09	4.4E-03	1.0E-03	3.2E-06	1.6E-01	1.4E-02	6.9E-09

Risk From P3 - Unmitigated Residential

MUIR School Project

Risk From P3 - Unmitigated Residential

Max 6.51

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.28325	0.06	6.0E-08	8.8E-03	1.0E-03	2.6E-06	1.6E-01	1.2E-01	4.9E-08
44	0.32521	0.07	6.9E-08	8.8E-03	1.0E-03	3.0E-06	1.6E-01	1.2E-01	5.7E-08
45	0.37425	0.08	7.9E-08	8.8E-03	1.0E-03	3.4E-06	1.6E-01	1.2E-01	6.5E-08
46	0.43127	0.09	9.1E-08	8.8E-03	1.0E-03	4.0E-06	1.6E-01	1.2E-01	7.5E-08
47	0.49445	0.10	1.0E-07	8.8E-03	1.0E-03	4.5E-06	1.6E-01	1.2E-01	8.6E-08
48	0.56092	0.12	1.2E-07	8.8E-03	1.0E-03	5.2E-06	1.6E-01	1.2E-01	9.8E-08
49	0.62793	0.13	1.3E-07	8.8E-03	1.0E-03	5.8E-06	1.6E-01	1.2E-01	1.1E-07
50	0.68995	0.15	1.5E-07	8.8E-03	1.0E-03	6.3E-06	1.6E-01	1.2E-01	1.2E-07
51	0.74626	0.16	1.6E-07	8.8E-03	1.0E-03	6.9E-06	1.6E-01	1.2E-01	1.3E-07
52	0.79422	0.17	1.7E-07	8.8E-03	1.0E-03	7.3E-06	1.6E-01	1.2E-01	1.4E-07
53	0.83041	0.18	1.8E-07	8.8E-03	1.0E-03	7.6E-06	1.6E-01	1.2E-01	1.4E-07
54	0.84748	0.18	1.8E-07	8.8E-03	1.0E-03	7.8E-06	1.6E-01	1.2E-01	1.5E-07
55	0.77563	0.16	1.6E-07	8.8E-03	1.0E-03	7.1E-06	1.6E-01	1.2E-01	1.4E-07
56	0.72934	0.15	1.5E-07	8.8E-03	1.0E-03	6.7E-06	1.6E-01	1.2E-01	1.3E-07
57	0.67474	0.14	1.4E-07	8.8E-03	1.0E-03	6.2E-06	1.6E-01	1.2E-01	1.2E-07
58	0.61839	0.13	1.3E-07	8.8E-03	1.0E-03	5.7E-06	1.6E-01	1.2E-01	1.1E-07
59	0.56299	0.12	1.2E-07	8.8E-03	1.0E-03	5.2E-06	1.6E-01	1.2E-01	9.8E-08
60	0.51052	0.11	1.1E-07	8.8E-03	1.0E-03	4.7E-06	1.6E-01	1.2E-01	8.9E-08
61	0.36791	0.08	7.8E-08	8.8E-03	1.0E-03	3.4E-06	1.6E-01	1.2E-01	6.4E-08
62	0.43556	0.09	9.2E-08	8.8E-03	1.0E-03	4.0E-06	1.6E-01	1.2E-01	7.6E-08
63	0.51543	0.11	1.1E-07	8.8E-03	1.0E-03	4.7E-06	1.6E-01	1.2E-01	9.0E-08
64	0.60884	0.13	1.3E-07	8.8E-03	1.0E-03	5.6E-06	1.6E-01	1.2E-01	1.1E-07
65	0.71254	0.15	1.5E-07	8.8E-03	1.0E-03	6.6E-06	1.6E-01	1.2E-01	1.2E-07
66	0.82228	0.17	1.7E-07	8.8E-03	1.0E-03	7.6E-06	1.6E-01	1.2E-01	1.4E-07
67	0.92886	0.20	2.0E-07	8.8E-03	1.0E-03	8.5E-06	1.6E-01	1.2E-01	1.6E-07
68	1.02275	0.22	2.2E-07	8.8E-03	1.0E-03	9.4E-06	1.6E-01	1.2E-01	1.8E-07
69	1.09877	0.23	2.3E-07	8.8E-03	1.0E-03	1.0E-05	1.6E-01	1.2E-01	1.9E-07
70	1.1484	0.24	2.4E-07	8.8E-03	1.0E-03	1.1E-05	1.6E-01	1.2E-01	2.0E-07
71	1.15918	0.24	2.4E-07	8.8E-03	1.0E-03	1.1E-05	1.6E-01	1.2E-01	2.0E-07
72	0.81143	0.17	1.7E-07	8.8E-03	1.0E-03	7.5E-06	1.6E-01	1.2E-01	1.4E-07
73	0.72531	0.15	1.5E-07	8.8E-03	1.0E-03	6.7E-06	1.6E-01	1.2E-01	1.3E-07
74	0.64612	0.14	1.4E-07	8.8E-03	1.0E-03	5.9E-06	1.6E-01	1.2E-01	1.1E-07
75	0.57453	0.12	1.2E-07	8.8E-03	1.0E-03	5.3E-06	1.6E-01	1.2E-01	1.0E-07
76	0.36947	0.08	7.8E-08	8.8E-03	1.0E-03	3.4E-06	1.6E-01	1.2E-01	6.4E-08
77	0.46539	0.10	9.8E-08	8.8E-03	1.0E-03	4.3E-06	1.6E-01	1.2E-01	8.1E-08
78	0.59016	0.12	1.2E-07	8.8E-03	1.0E-03	5.4E-06	1.6E-01	1.2E-01	1.0E-07
79	0.7616	0.16	1.6E-07	8.8E-03	1.0E-03	7.0E-06	1.6E-01	1.2E-01	1.3E-07
80	0.93437	0.20	2.0E-07	8.8E-03	1.0E-03	8.6E-06	1.6E-01	1.2E-01	1.6E-07
81	1.12513	0.24	2.4E-07	8.8E-03	1.0E-03	1.0E-05	1.6E-01	1.2E-01	2.0E-07
82	1.32283	0.28	2.8E-07	8.8E-03	1.0E-03	1.2E-05	1.6E-01	1.2E-01	2.3E-07
83	1.49514	0.32	3.2E-07	8.8E-03	1.0E-03	1.4E-05	1.6E-01	1.2E-01	2.6E-07
84	1.62443	0.34	3.4E-07	8.8E-03	1.0E-03	1.5E-05	1.6E-01	1.2E-01	2.8E-07
85	1.68344	0.36	3.6E-07	8.8E-03	1.0E-03	1.5E-05	1.6E-01	1.2E-01	2.9E-07

MUIR School Project

Risk From P3 - Unmitigated Residential

Max 6.51

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
86	1.65896	0.35	3.5E-07	8.8E-03	1.0E-03	1.5E-05	1.6E-01	1.2E-01	2.9E-07
87	0.96567	0.20	2.0E-07	8.8E-03	1.0E-03	8.9E-06	1.6E-01	1.2E-01	1.7E-07
88	0.83896	0.18	1.8E-07	8.8E-03	1.0E-03	7.7E-06	1.6E-01	1.2E-01	1.5E-07
89	0.7294	0.15	1.5E-07	8.8E-03	1.0E-03	6.7E-06	1.6E-01	1.2E-01	1.3E-07
90	0.63499	0.13	1.3E-07	8.8E-03	1.0E-03	5.8E-06	1.6E-01	1.2E-01	1.1E-07
91	0.55408	0.12	1.2E-07	8.8E-03	1.0E-03	5.1E-06	1.6E-01	1.2E-01	9.7E-08
92	0.45357	0.10	9.6E-08	8.8E-03	1.0E-03	4.2E-06	1.6E-01	1.2E-01	7.9E-08
93	0.57163	0.12	1.2E-07	8.8E-03	1.0E-03	5.3E-06	1.6E-01	1.2E-01	1.0E-07
94	0.71982	0.15	1.5E-07	8.8E-03	1.0E-03	6.6E-06	1.6E-01	1.2E-01	1.3E-07
95	0.95949	0.20	2.0E-07	8.8E-03	1.0E-03	8.8E-06	1.6E-01	1.2E-01	1.7E-07
96	1.25572	0.27	2.7E-07	8.8E-03	1.0E-03	1.2E-05	1.6E-01	1.2E-01	2.2E-07
97	1.61557	0.34	3.4E-07	8.8E-03	1.0E-03	1.5E-05	1.6E-01	1.2E-01	2.8E-07
98	2.04296	0.43	4.3E-07	8.8E-03	1.0E-03	1.9E-05	1.6E-01	1.2E-01	3.6E-07
99	2.40875	0.51	5.1E-07	8.8E-03	1.0E-03	2.2E-05	1.6E-01	1.2E-01	4.2E-07
100	2.63892	0.56	5.6E-07	8.8E-03	1.0E-03	2.4E-05	1.6E-01	1.2E-01	4.6E-07
101	2.66009	0.56	5.6E-07	8.8E-03	1.0E-03	2.4E-05	1.6E-01	1.2E-01	4.6E-07
102	2.49734	0.53	5.3E-07	8.8E-03	1.0E-03	2.3E-05	1.6E-01	1.2E-01	4.4E-07
103	1.60125	0.34	3.4E-07	8.8E-03	1.0E-03	1.5E-05	1.6E-01	1.2E-01	2.8E-07
104	1.12575	0.24	2.4E-07	8.8E-03	1.0E-03	1.0E-05	1.6E-01	1.2E-01	2.0E-07
105	0.94854	0.20	2.0E-07	8.8E-03	1.0E-03	8.7E-06	1.6E-01	1.2E-01	1.7E-07
106	0.80451	0.17	1.7E-07	8.8E-03	1.0E-03	7.4E-06	1.6E-01	1.2E-01	1.4E-07
107	0.68522	0.14	1.4E-07	8.8E-03	1.0E-03	6.3E-06	1.6E-01	1.2E-01	1.2E-07
108	0.58865	0.12	1.2E-07	8.8E-03	1.0E-03	5.4E-06	1.6E-01	1.2E-01	1.0E-07
109	0.64629	0.14	1.4E-07	8.8E-03	1.0E-03	5.9E-06	1.6E-01	1.2E-01	1.1E-07
110	0.85771	0.18	1.8E-07	8.8E-03	1.0E-03	7.9E-06	1.6E-01	1.2E-01	1.5E-07
111	1.20367	0.25	2.5E-07	8.8E-03	1.0E-03	1.1E-05	1.6E-01	1.2E-01	2.1E-07
112	1.71753	0.36	3.6E-07	8.8E-03	1.0E-03	1.6E-05	1.6E-01	1.2E-01	3.0E-07
113	2.46406	0.52	5.2E-07	8.8E-03	1.0E-03	2.3E-05	1.6E-01	1.2E-01	4.3E-07
114	3.56552	0.75	7.5E-07	8.8E-03	1.0E-03	3.3E-05	1.6E-01	1.2E-01	6.2E-07
115	4.52932	0.96	9.6E-07	8.8E-03	1.0E-03	4.2E-05	1.6E-01	1.2E-01	7.9E-07
116	4.94942	1.05	1.0E-06	8.8E-03	1.0E-03	4.6E-05	1.6E-01	1.2E-01	8.6E-07
117	4.64508	0.98	9.8E-07	8.8E-03	1.0E-03	4.3E-05	1.6E-01	1.2E-01	8.1E-07
118	3.92199	0.83	8.3E-07	8.8E-03	1.0E-03	3.6E-05	1.6E-01	1.2E-01	6.8E-07
119	1.96988	0.42	4.2E-07	8.8E-03	1.0E-03	1.8E-05	1.6E-01	1.2E-01	3.4E-07
120	1.57188	0.33	3.3E-07	8.8E-03	1.0E-03	1.4E-05	1.6E-01	1.2E-01	2.7E-07
121	1.26968	0.27	2.7E-07	8.8E-03	1.0E-03	1.2E-05	1.6E-01	1.2E-01	2.2E-07
122	1.04124	0.22	2.2E-07	8.8E-03	1.0E-03	9.6E-06	1.6E-01	1.2E-01	1.8E-07
123	0.863	0.18	1.8E-07	8.8E-03	1.0E-03	7.9E-06	1.6E-01	1.2E-01	1.5E-07
124	0.72264	0.15	1.5E-07	8.8E-03	1.0E-03	6.6E-06	1.6E-01	1.2E-01	1.3E-07
125	0.61139	0.13	1.3E-07	8.8E-03	1.0E-03	5.6E-06	1.6E-01	1.2E-01	1.1E-07
126	0.99065	0.21	2.1E-07	8.8E-03	1.0E-03	9.1E-06	1.6E-01	1.2E-01	1.7E-07
127	1.46122	0.31	3.1E-07	8.8E-03	1.0E-03	1.3E-05	1.6E-01	1.2E-01	2.5E-07
128	2.3101	0.49	4.9E-07	8.8E-03	1.0E-03	2.1E-05	1.6E-01	1.2E-01	4.0E-07

MUIR School Project

Risk From P3 - Unmitigated Residential

Max 6.51

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	3.88546	0.82	8.2E-07	8.8E-03	1.0E-03	3.6E-05	1.6E-01	1.2E-01	6.8E-07
130	7.36291	1.56	1.6E-06	8.8E-03	1.0E-03	6.8E-05	1.6E-01	1.2E-01	1.3E-06
131	12.34666	2.61	2.6E-06	8.8E-03	1.0E-03	1.1E-04	1.6E-01	1.2E-01	2.2E-06
132	11.83109	2.50	2.5E-06	8.8E-03	1.0E-03	1.1E-04	1.6E-01	1.2E-01	2.1E-06
133	2.30445	0.49	4.9E-07	8.8E-03	1.0E-03	2.1E-05	1.6E-01	1.2E-01	4.0E-07
134	1.76693	0.37	3.7E-07	8.8E-03	1.0E-03	1.6E-05	1.6E-01	1.2E-01	3.1E-07
135	1.38405	0.29	2.9E-07	8.8E-03	1.0E-03	1.3E-05	1.6E-01	1.2E-01	2.4E-07
136	1.10736	0.23	2.3E-07	8.8E-03	1.0E-03	1.0E-05	1.6E-01	1.2E-01	1.9E-07
137	0.8993	0.19	1.9E-07	8.8E-03	1.0E-03	8.3E-06	1.6E-01	1.2E-01	1.6E-07
138	0.74526	0.16	1.6E-07	8.8E-03	1.0E-03	6.9E-06	1.6E-01	1.2E-01	1.3E-07
139	0.62673	0.13	1.3E-07	8.8E-03	1.0E-03	5.8E-06	1.6E-01	1.2E-01	1.1E-07
140	1.08796	0.23	2.3E-07	8.8E-03	1.0E-03	1.0E-05	1.6E-01	1.2E-01	1.9E-07
141	1.66788	0.35	3.5E-07	8.8E-03	1.0E-03	1.5E-05	1.6E-01	1.2E-01	2.9E-07
142	2.84481	0.60	6.0E-07	8.8E-03	1.0E-03	2.6E-05	1.6E-01	1.2E-01	5.0E-07
143	5.85493	1.24	1.2E-06	8.8E-03	1.0E-03	5.4E-05	1.6E-01	1.2E-01	1.0E-06
144	19.9561	4.22	4.2E-06	8.8E-03	1.0E-03	1.8E-04	1.6E-01	1.2E-01	3.5E-06
145	2.56515	0.54	5.4E-07	8.8E-03	1.0E-03	2.4E-05	1.6E-01	1.2E-01	4.5E-07
146	1.89078	0.40	4.0E-07	8.8E-03	1.0E-03	1.7E-05	1.6E-01	1.2E-01	3.3E-07
147	1.45568	0.31	3.1E-07	8.8E-03	1.0E-03	1.3E-05	1.6E-01	1.2E-01	2.5E-07
148	1.14631	0.24	2.4E-07	8.8E-03	1.0E-03	1.1E-05	1.6E-01	1.2E-01	2.0E-07
149	0.92443	0.20	2.0E-07	8.8E-03	1.0E-03	8.5E-06	1.6E-01	1.2E-01	1.6E-07
150	0.75971	0.16	1.6E-07	8.8E-03	1.0E-03	7.0E-06	1.6E-01	1.2E-01	1.3E-07
151	0.644	0.14	1.4E-07	8.8E-03	1.0E-03	5.9E-06	1.6E-01	1.2E-01	1.1E-07
152	2.96734	0.63	6.3E-07	8.8E-03	1.0E-03	2.7E-05	1.6E-01	1.2E-01	5.2E-07
153	6.32208	1.34	1.3E-06	8.8E-03	1.0E-03	5.8E-05	1.6E-01	1.2E-01	1.1E-06
154	19.00896	4.02	4.0E-06	8.8E-03	1.0E-03	1.7E-04	1.6E-01	1.2E-01	3.3E-06
155	1.96201	0.41	4.1E-07	8.8E-03	1.0E-03	1.8E-05	1.6E-01	1.2E-01	3.4E-07
156	1.49212	0.32	3.2E-07	8.8E-03	1.0E-03	1.4E-05	1.6E-01	1.2E-01	2.6E-07
157	1.16835	0.25	2.5E-07	8.8E-03	1.0E-03	1.1E-05	1.6E-01	1.2E-01	2.0E-07
158	0.93479	0.20	2.0E-07	8.8E-03	1.0E-03	8.6E-06	1.6E-01	1.2E-01	1.6E-07
159	0.77127	0.16	1.6E-07	8.8E-03	1.0E-03	7.1E-06	1.6E-01	1.2E-01	1.3E-07
160	0.64861	0.14	1.4E-07	8.8E-03	1.0E-03	6.0E-06	1.6E-01	1.2E-01	1.1E-07
161	1.61117	0.34	3.4E-07	8.8E-03	1.0E-03	1.5E-05	1.6E-01	1.2E-01	2.8E-07
162	2.61162	0.55	5.5E-07	8.8E-03	1.0E-03	2.4E-05	1.6E-01	1.2E-01	4.5E-07
163	4.93532	1.04	1.0E-06	8.8E-03	1.0E-03	4.5E-05	1.6E-01	1.2E-01	8.6E-07
164	10.93379	2.31	2.3E-06	8.8E-03	1.0E-03	1.0E-04	1.6E-01	1.2E-01	1.9E-06
165	30.82887	6.51	6.5E-06	8.8E-03	1.0E-03	2.8E-04	1.6E-01	1.2E-01	5.4E-06
166	1.97143	0.42	4.2E-07	8.8E-03	1.0E-03	1.8E-05	1.6E-01	1.2E-01	3.4E-07
167	1.49985	0.32	3.2E-07	8.8E-03	1.0E-03	1.4E-05	1.6E-01	1.2E-01	2.6E-07
168	1.1783	0.25	2.5E-07	8.8E-03	1.0E-03	1.1E-05	1.6E-01	1.2E-01	2.1E-07
169	0.94916	0.20	2.0E-07	8.8E-03	1.0E-03	8.7E-06	1.6E-01	1.2E-01	1.7E-07
170	0.78634	0.17	1.7E-07	8.8E-03	1.0E-03	7.2E-06	1.6E-01	1.2E-01	1.4E-07
171	0.65359	0.14	1.4E-07	8.8E-03	1.0E-03	6.0E-06	1.6E-01	1.2E-01	1.1E-07

MUIR School Project

Risk From P3 - Unmitigated Residential

Max 6.51

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	1.3879	0.29	2.9E-07	8.8E-03	1.0E-03	1.3E-05	1.6E-01	1.2E-01	2.4E-07
173	2.09422	0.44	4.4E-07	8.8E-03	1.0E-03	1.9E-05	1.6E-01	1.2E-01	3.6E-07
174	3.37831	0.71	7.1E-07	8.8E-03	1.0E-03	3.1E-05	1.6E-01	1.2E-01	5.9E-07
175	5.62082	1.19	1.2E-06	8.8E-03	1.0E-03	5.2E-05	1.6E-01	1.2E-01	9.8E-07
176	9.0082	1.90	1.9E-06	8.8E-03	1.0E-03	8.3E-05	1.6E-01	1.2E-01	1.6E-06
177	3.40371	0.72	7.2E-07	8.8E-03	1.0E-03	3.1E-05	1.6E-01	1.2E-01	5.9E-07
178	2.5095	0.53	5.3E-07	8.8E-03	1.0E-03	2.3E-05	1.6E-01	1.2E-01	4.4E-07
179	1.89933	0.40	4.0E-07	8.8E-03	1.0E-03	1.7E-05	1.6E-01	1.2E-01	3.3E-07
180	1.47585	0.31	3.1E-07	8.8E-03	1.0E-03	1.4E-05	1.6E-01	1.2E-01	2.6E-07
181	1.17225	0.25	2.5E-07	8.8E-03	1.0E-03	1.1E-05	1.6E-01	1.2E-01	2.0E-07
182	0.9598	0.20	2.0E-07	8.8E-03	1.0E-03	8.8E-06	1.6E-01	1.2E-01	1.7E-07
183	0.79517	0.17	1.7E-07	8.8E-03	1.0E-03	7.3E-06	1.6E-01	1.2E-01	1.4E-07
184	0.66163	0.14	1.4E-07	8.8E-03	1.0E-03	6.1E-06	1.6E-01	1.2E-01	1.2E-07
185	3.17826	0.67	6.7E-07	8.8E-03	1.0E-03	2.9E-05	1.6E-01	1.2E-01	5.5E-07
186	4.30239	0.91	9.1E-07	8.8E-03	1.0E-03	4.0E-05	1.6E-01	1.2E-01	7.5E-07
187	5.0169	1.06	1.1E-06	8.8E-03	1.0E-03	4.6E-05	1.6E-01	1.2E-01	8.7E-07
188	4.30719	0.91	9.1E-07	8.8E-03	1.0E-03	4.0E-05	1.6E-01	1.2E-01	7.5E-07
189	3.49312	0.74	7.4E-07	8.8E-03	1.0E-03	3.2E-05	1.6E-01	1.2E-01	6.1E-07
190	2.76096	0.58	5.8E-07	8.8E-03	1.0E-03	2.5E-05	1.6E-01	1.2E-01	4.8E-07
191	2.17384	0.46	4.6E-07	8.8E-03	1.0E-03	2.0E-05	1.6E-01	1.2E-01	3.8E-07
192	1.7293	0.37	3.7E-07	8.8E-03	1.0E-03	1.6E-05	1.6E-01	1.2E-01	3.0E-07
193	1.38747	0.29	2.9E-07	8.8E-03	1.0E-03	1.3E-05	1.6E-01	1.2E-01	2.4E-07
194	1.12789	0.24	2.4E-07	8.8E-03	1.0E-03	1.0E-05	1.6E-01	1.2E-01	2.0E-07
195	0.94518	0.20	2.0E-07	8.8E-03	1.0E-03	8.7E-06	1.6E-01	1.2E-01	1.6E-07
196	0.79066	0.17	1.7E-07	8.8E-03	1.0E-03	7.3E-06	1.6E-01	1.2E-01	1.4E-07
197	0.66517	0.14	1.4E-07	8.8E-03	1.0E-03	6.1E-06	1.6E-01	1.2E-01	1.2E-07
198	1.57623	0.33	3.3E-07	8.8E-03	1.0E-03	1.4E-05	1.6E-01	1.2E-01	2.7E-07
199	2.0097	0.42	4.2E-07	8.8E-03	1.0E-03	1.8E-05	1.6E-01	1.2E-01	3.5E-07
200	2.48637	0.53	5.3E-07	8.8E-03	1.0E-03	2.3E-05	1.6E-01	1.2E-01	4.3E-07
201	2.79916	0.59	5.9E-07	8.8E-03	1.0E-03	2.6E-05	1.6E-01	1.2E-01	4.9E-07
202	2.86796	0.61	6.1E-07	8.8E-03	1.0E-03	2.6E-05	1.6E-01	1.2E-01	5.0E-07
203	2.6982	0.57	5.7E-07	8.8E-03	1.0E-03	2.5E-05	1.6E-01	1.2E-01	4.7E-07
204	2.42861	0.51	5.1E-07	8.8E-03	1.0E-03	2.2E-05	1.6E-01	1.2E-01	4.2E-07
205	2.09606	0.44	4.4E-07	8.8E-03	1.0E-03	1.9E-05	1.6E-01	1.2E-01	3.7E-07
206	1.77161	0.37	3.7E-07	8.8E-03	1.0E-03	1.6E-05	1.6E-01	1.2E-01	3.1E-07
207	1.48459	0.31	3.1E-07	8.8E-03	1.0E-03	1.4E-05	1.6E-01	1.2E-01	2.6E-07
208	1.24126	0.26	2.6E-07	8.8E-03	1.0E-03	1.1E-05	1.6E-01	1.2E-01	2.2E-07
209	1.05552	0.22	2.2E-07	8.8E-03	1.0E-03	9.7E-06	1.6E-01	1.2E-01	1.8E-07
210	0.89645	0.19	1.9E-07	8.8E-03	1.0E-03	8.2E-06	1.6E-01	1.2E-01	1.6E-07
211	0.76451	0.16	1.6E-07	8.8E-03	1.0E-03	7.0E-06	1.6E-01	1.2E-01	1.3E-07
212	0.65152	0.14	1.4E-07	8.8E-03	1.0E-03	6.0E-06	1.6E-01	1.2E-01	1.1E-07
213	1.14649	0.24	2.4E-07	8.8E-03	1.0E-03	1.1E-05	1.6E-01	1.2E-01	2.0E-07
214	1.38569	0.29	2.9E-07	8.8E-03	1.0E-03	1.3E-05	1.6E-01	1.2E-01	2.4E-07

MUIR School Project

Risk From P3 - Unmitigated Residential

Max 6.51

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
215	1.61422	0.34	3.4E-07	8.8E-03	1.0E-03	1.5E-05	1.6E-01	1.2E-01	2.8E-07
216	1.79849	0.38	3.8E-07	8.8E-03	1.0E-03	1.7E-05	1.6E-01	1.2E-01	3.1E-07
217	1.85293	0.39	3.9E-07	8.8E-03	1.0E-03	1.7E-05	1.6E-01	1.2E-01	3.2E-07
218	1.80787	0.38	3.8E-07	8.8E-03	1.0E-03	1.7E-05	1.6E-01	1.2E-01	3.1E-07
219	1.69279	0.36	3.6E-07	8.8E-03	1.0E-03	1.6E-05	1.6E-01	1.2E-01	2.9E-07
220	1.55158	0.33	3.3E-07	8.8E-03	1.0E-03	1.4E-05	1.6E-01	1.2E-01	2.7E-07
221	1.38877	0.29	2.9E-07	8.8E-03	1.0E-03	1.3E-05	1.6E-01	1.2E-01	2.4E-07
222	1.22125	0.26	2.6E-07	8.8E-03	1.0E-03	1.1E-05	1.6E-01	1.2E-01	2.1E-07
223	1.0655	0.23	2.3E-07	8.8E-03	1.0E-03	9.8E-06	1.6E-01	1.2E-01	1.9E-07
224	0.9251	0.20	2.0E-07	8.8E-03	1.0E-03	8.5E-06	1.6E-01	1.2E-01	1.6E-07
225	0.81587	0.17	1.7E-07	8.8E-03	1.0E-03	7.5E-06	1.6E-01	1.2E-01	1.4E-07
226	0.70847	0.15	1.5E-07	8.8E-03	1.0E-03	6.5E-06	1.6E-01	1.2E-01	1.2E-07
227	0.61957	0.13	1.3E-07	8.8E-03	1.0E-03	5.7E-06	1.6E-01	1.2E-01	1.1E-07
228	1.00178	0.21	2.1E-07	8.8E-03	1.0E-03	9.2E-06	1.6E-01	1.2E-01	1.7E-07
229	1.14605	0.24	2.4E-07	8.8E-03	1.0E-03	1.1E-05	1.6E-01	1.2E-01	2.0E-07
230	1.25241	0.26	2.6E-07	8.8E-03	1.0E-03	1.2E-05	1.6E-01	1.2E-01	2.2E-07
231	1.29702	0.27	2.7E-07	8.8E-03	1.0E-03	1.2E-05	1.6E-01	1.2E-01	2.3E-07
232	1.28247	0.27	2.7E-07	8.8E-03	1.0E-03	1.2E-05	1.6E-01	1.2E-01	2.2E-07
233	1.23442	0.26	2.6E-07	8.8E-03	1.0E-03	1.1E-05	1.6E-01	1.2E-01	2.2E-07
234	1.16369	0.25	2.5E-07	8.8E-03	1.0E-03	1.1E-05	1.6E-01	1.2E-01	2.0E-07
235	1.07487	0.23	2.3E-07	8.8E-03	1.0E-03	9.9E-06	1.6E-01	1.2E-01	1.9E-07
236	0.98498	0.21	2.1E-07	8.8E-03	1.0E-03	9.1E-06	1.6E-01	1.2E-01	1.7E-07
237	0.88592	0.19	1.9E-07	8.8E-03	1.0E-03	8.1E-06	1.6E-01	1.2E-01	1.5E-07
238	0.79294	0.17	1.7E-07	8.8E-03	1.0E-03	7.3E-06	1.6E-01	1.2E-01	1.4E-07
239	0.71481	0.15	1.5E-07	8.8E-03	1.0E-03	6.6E-06	1.6E-01	1.2E-01	1.2E-07
240	0.63969	0.14	1.4E-07	8.8E-03	1.0E-03	5.9E-06	1.6E-01	1.2E-01	1.1E-07
241	0.57121	0.12	1.2E-07	8.8E-03	1.0E-03	5.3E-06	1.6E-01	1.2E-01	1.0E-07
242	0.58195	0.12	1.2E-07	8.8E-03	1.0E-03	5.4E-06	1.6E-01	1.2E-01	1.0E-07
243	0.67028	0.14	1.4E-07	8.8E-03	1.0E-03	6.2E-06	1.6E-01	1.2E-01	1.2E-07
244	0.76295	0.16	1.6E-07	8.8E-03	1.0E-03	7.0E-06	1.6E-01	1.2E-01	1.3E-07
245	0.85578	0.18	1.8E-07	8.8E-03	1.0E-03	7.9E-06	1.6E-01	1.2E-01	1.5E-07
246	0.92544	0.20	2.0E-07	8.8E-03	1.0E-03	8.5E-06	1.6E-01	1.2E-01	1.6E-07
247	0.9584	0.20	2.0E-07	8.8E-03	1.0E-03	8.8E-06	1.6E-01	1.2E-01	1.7E-07
248	0.95942	0.20	2.0E-07	8.8E-03	1.0E-03	8.8E-06	1.6E-01	1.2E-01	1.7E-07
249	0.93095	0.20	2.0E-07	8.8E-03	1.0E-03	8.6E-06	1.6E-01	1.2E-01	1.6E-07
250	0.89269	0.19	1.9E-07	8.8E-03	1.0E-03	8.2E-06	1.6E-01	1.2E-01	1.6E-07
251	0.84591	0.18	1.8E-07	8.8E-03	1.0E-03	7.8E-06	1.6E-01	1.2E-01	1.5E-07
252	0.75899	0.16	1.6E-07	8.8E-03	1.0E-03	7.0E-06	1.6E-01	1.2E-01	1.3E-07
253	0.71128	0.15	1.5E-07	8.8E-03	1.0E-03	6.5E-06	1.6E-01	1.2E-01	1.2E-07
254	0.6584	0.14	1.4E-07	8.8E-03	1.0E-03	6.1E-06	1.6E-01	1.2E-01	1.1E-07
255	0.60911	0.13	1.3E-07	8.8E-03	1.0E-03	5.6E-06	1.6E-01	1.2E-01	1.1E-07
256	0.56006	0.12	1.2E-07	8.8E-03	1.0E-03	5.2E-06	1.6E-01	1.2E-01	9.8E-08
257	0.51159	0.11	1.1E-07	8.8E-03	1.0E-03	4.7E-06	1.6E-01	1.2E-01	8.9E-08

MUIR School Project

Risk From P3 - Unmitigated Residential

	Max	6.51				Birth to 2			
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
258	0.48054	0.10	1.0E-07	8.8E-03	1.0E-03	4.4E-06	1.6E-01	1.2E-01	8.4E-08
259	0.53763	0.11	1.1E-07	8.8E-03	1.0E-03	4.9E-06	1.6E-01	1.2E-01	9.4E-08
260	0.66965	0.14	1.4E-07	8.8E-03	1.0E-03	6.2E-06	1.6E-01	1.2E-01	1.2E-07
261	0.71298	0.15	1.5E-07	8.8E-03	1.0E-03	6.6E-06	1.6E-01	1.2E-01	1.2E-07
262	0.74059	0.16	1.6E-07	8.8E-03	1.0E-03	6.8E-06	1.6E-01	1.2E-01	1.3E-07
263	0.73305	0.15	1.5E-07	8.8E-03	1.0E-03	6.7E-06	1.6E-01	1.2E-01	1.3E-07
264	0.72907	0.15	1.5E-07	8.8E-03	1.0E-03	6.7E-06	1.6E-01	1.2E-01	1.3E-07
265	0.66688	0.14	1.4E-07	8.8E-03	1.0E-03	6.1E-06	1.6E-01	1.2E-01	1.2E-07
266	0.65206	0.14	1.4E-07	8.8E-03	1.0E-03	6.0E-06	1.6E-01	1.2E-01	1.1E-07
267	0.64248	0.14	1.4E-07	8.8E-03	1.0E-03	5.9E-06	1.6E-01	1.2E-01	1.1E-07
268	0.57433	0.12	1.2E-07	8.8E-03	1.0E-03	5.3E-06	1.6E-01	1.2E-01	1.0E-07
269	0.54254	0.11	1.1E-07	8.8E-03	1.0E-03	5.0E-06	1.6E-01	1.2E-01	9.5E-08
270	0.51034	0.11	1.1E-07	8.8E-03	1.0E-03	4.7E-06	1.6E-01	1.2E-01	8.9E-08
271	0.48186	0.10	1.0E-07	8.8E-03	1.0E-03	4.4E-06	1.6E-01	1.2E-01	8.4E-08
272	0.44948	0.09	9.5E-08	8.8E-03	1.0E-03	4.1E-06	1.6E-01	1.2E-01	7.8E-08
273	0.56661	0.12	1.2E-07	8.8E-03	1.0E-03	5.2E-06	1.6E-01	1.2E-01	9.9E-08
274	0.58739	0.12	1.2E-07	8.8E-03	1.0E-03	5.4E-06	1.6E-01	1.2E-01	1.0E-07
275	0.59128	0.12	1.2E-07	8.8E-03	1.0E-03	5.4E-06	1.6E-01	1.2E-01	1.0E-07
276	0.58506	0.12	1.2E-07	8.8E-03	1.0E-03	5.4E-06	1.6E-01	1.2E-01	1.0E-07
277	0.53903	0.11	1.1E-07	8.8E-03	1.0E-03	5.0E-06	1.6E-01	1.2E-01	9.4E-08
278	0.53047	0.11	1.1E-07	8.8E-03	1.0E-03	4.9E-06	1.6E-01	1.2E-01	9.2E-08
279	0.53035	0.11	1.1E-07	8.8E-03	1.0E-03	4.9E-06	1.6E-01	1.2E-01	9.2E-08
280	0.46323	0.10	9.8E-08	8.8E-03	1.0E-03	4.3E-06	1.6E-01	1.2E-01	8.1E-08
281	0.44718	0.09	9.4E-08	8.8E-03	1.0E-03	4.1E-06	1.6E-01	1.2E-01	7.8E-08
282	0.42769	0.09	9.0E-08	8.8E-03	1.0E-03	3.9E-06	1.6E-01	1.2E-01	7.5E-08
283	0.39853	0.08	8.4E-08	8.8E-03	1.0E-03	3.7E-06	1.6E-01	1.2E-01	6.9E-08
284	0.3852	0.08	8.1E-08	8.8E-03	1.0E-03	3.5E-06	1.6E-01	1.2E-01	6.7E-08

MUIR School Project

Risk From P3 - Unmitigated Residential

2 to 16

Receptor #	g/sec	D1	Dose	R1	ED	Risk
43	7.6E-03	6.1E-04	1.3E-06	4.7E-02	1.7E-01	1.0E-08
44	7.6E-03	6.1E-04	1.5E-06	4.7E-02	1.7E-01	1.2E-08
45	7.6E-03	6.1E-04	1.7E-06	4.7E-02	1.7E-01	1.4E-08
46	7.6E-03	6.1E-04	2.0E-06	4.7E-02	1.7E-01	1.6E-08
47	7.6E-03	6.1E-04	2.3E-06	4.7E-02	1.7E-01	1.8E-08
48	7.6E-03	6.1E-04	2.6E-06	4.7E-02	1.7E-01	2.1E-08
49	7.6E-03	6.1E-04	2.9E-06	4.7E-02	1.7E-01	2.3E-08
50	7.6E-03	6.1E-04	3.2E-06	4.7E-02	1.7E-01	2.6E-08
51	7.6E-03	6.1E-04	3.5E-06	4.7E-02	1.7E-01	2.8E-08
52	7.6E-03	6.1E-04	3.7E-06	4.7E-02	1.7E-01	2.9E-08
53	7.6E-03	6.1E-04	3.8E-06	4.7E-02	1.7E-01	3.1E-08
54	7.6E-03	6.1E-04	3.9E-06	4.7E-02	1.7E-01	3.1E-08
55	7.6E-03	6.1E-04	3.6E-06	4.7E-02	1.7E-01	2.9E-08
56	7.6E-03	6.1E-04	3.4E-06	4.7E-02	1.7E-01	2.7E-08
57	7.6E-03	6.1E-04	3.1E-06	4.7E-02	1.7E-01	2.5E-08
58	7.6E-03	6.1E-04	2.9E-06	4.7E-02	1.7E-01	2.3E-08
59	7.6E-03	6.1E-04	2.6E-06	4.7E-02	1.7E-01	2.1E-08
60	7.6E-03	6.1E-04	2.4E-06	4.7E-02	1.7E-01	1.9E-08
61	7.6E-03	6.1E-04	1.7E-06	4.7E-02	1.7E-01	1.4E-08
62	7.6E-03	6.1E-04	2.0E-06	4.7E-02	1.7E-01	1.6E-08
63	7.6E-03	6.1E-04	2.4E-06	4.7E-02	1.7E-01	1.9E-08
64	7.6E-03	6.1E-04	2.8E-06	4.7E-02	1.7E-01	2.3E-08
65	7.6E-03	6.1E-04	3.3E-06	4.7E-02	1.7E-01	2.6E-08
66	7.6E-03	6.1E-04	3.8E-06	4.7E-02	1.7E-01	3.0E-08
67	7.6E-03	6.1E-04	4.3E-06	4.7E-02	1.7E-01	3.4E-08
68	7.6E-03	6.1E-04	4.7E-06	4.7E-02	1.7E-01	3.8E-08
69	7.6E-03	6.1E-04	5.1E-06	4.7E-02	1.7E-01	4.1E-08
70	7.6E-03	6.1E-04	5.3E-06	4.7E-02	1.7E-01	4.3E-08
71	7.6E-03	6.1E-04	5.4E-06	4.7E-02	1.7E-01	4.3E-08
72	7.6E-03	6.1E-04	3.8E-06	4.7E-02	1.7E-01	3.0E-08
73	7.6E-03	6.1E-04	3.4E-06	4.7E-02	1.7E-01	2.7E-08
74	7.6E-03	6.1E-04	3.0E-06	4.7E-02	1.7E-01	2.4E-08
75	7.6E-03	6.1E-04	2.7E-06	4.7E-02	1.7E-01	2.1E-08
76	7.6E-03	6.1E-04	1.7E-06	4.7E-02	1.7E-01	1.4E-08
77	7.6E-03	6.1E-04	2.2E-06	4.7E-02	1.7E-01	1.7E-08
78	7.6E-03	6.1E-04	2.7E-06	4.7E-02	1.7E-01	2.2E-08
79	7.6E-03	6.1E-04	3.5E-06	4.7E-02	1.7E-01	2.8E-08
80	7.6E-03	6.1E-04	4.3E-06	4.7E-02	1.7E-01	3.5E-08
81	7.6E-03	6.1E-04	5.2E-06	4.7E-02	1.7E-01	4.2E-08
82	7.6E-03	6.1E-04	6.1E-06	4.7E-02	1.7E-01	4.9E-08
83	7.6E-03	6.1E-04	6.9E-06	4.7E-02	1.7E-01	5.5E-08
84	7.6E-03	6.1E-04	7.5E-06	4.7E-02	1.7E-01	6.0E-08
85	7.6E-03	6.1E-04	7.8E-06	4.7E-02	1.7E-01	6.2E-08

MUIR School Project

Risk From P3 - Unmitigated Residential

2 to 16

Receptor #	g/sec	D1	Dose	R1	ED	Risk
86	7.6E-03	6.1E-04	7.7E-06	4.7E-02	1.7E-01	6.1E-08
87	7.6E-03	6.1E-04	4.5E-06	4.7E-02	1.7E-01	3.6E-08
88	7.6E-03	6.1E-04	3.9E-06	4.7E-02	1.7E-01	3.1E-08
89	7.6E-03	6.1E-04	3.4E-06	4.7E-02	1.7E-01	2.7E-08
90	7.6E-03	6.1E-04	2.9E-06	4.7E-02	1.7E-01	2.4E-08
91	7.6E-03	6.1E-04	2.6E-06	4.7E-02	1.7E-01	2.1E-08
92	7.6E-03	6.1E-04	2.1E-06	4.7E-02	1.7E-01	1.7E-08
93	7.6E-03	6.1E-04	2.6E-06	4.7E-02	1.7E-01	2.1E-08
94	7.6E-03	6.1E-04	3.3E-06	4.7E-02	1.7E-01	2.7E-08
95	7.6E-03	6.1E-04	4.4E-06	4.7E-02	1.7E-01	3.6E-08
96	7.6E-03	6.1E-04	5.8E-06	4.7E-02	1.7E-01	4.6E-08
97	7.6E-03	6.1E-04	7.5E-06	4.7E-02	1.7E-01	6.0E-08
98	7.6E-03	6.1E-04	9.4E-06	4.7E-02	1.7E-01	7.6E-08
99	7.6E-03	6.1E-04	1.1E-05	4.7E-02	1.7E-01	8.9E-08
100	7.6E-03	6.1E-04	1.2E-05	4.7E-02	1.7E-01	9.8E-08
101	7.6E-03	6.1E-04	1.2E-05	4.7E-02	1.7E-01	9.8E-08
102	7.6E-03	6.1E-04	1.2E-05	4.7E-02	1.7E-01	9.2E-08
103	7.6E-03	6.1E-04	7.4E-06	4.7E-02	1.7E-01	5.9E-08
104	7.6E-03	6.1E-04	5.2E-06	4.7E-02	1.7E-01	4.2E-08
105	7.6E-03	6.1E-04	4.4E-06	4.7E-02	1.7E-01	3.5E-08
106	7.6E-03	6.1E-04	3.7E-06	4.7E-02	1.7E-01	3.0E-08
107	7.6E-03	6.1E-04	3.2E-06	4.7E-02	1.7E-01	2.5E-08
108	7.6E-03	6.1E-04	2.7E-06	4.7E-02	1.7E-01	2.2E-08
109	7.6E-03	6.1E-04	3.0E-06	4.7E-02	1.7E-01	2.4E-08
110	7.6E-03	6.1E-04	4.0E-06	4.7E-02	1.7E-01	3.2E-08
111	7.6E-03	6.1E-04	5.6E-06	4.7E-02	1.7E-01	4.5E-08
112	7.6E-03	6.1E-04	7.9E-06	4.7E-02	1.7E-01	6.4E-08
113	7.6E-03	6.1E-04	1.1E-05	4.7E-02	1.7E-01	9.1E-08
114	7.6E-03	6.1E-04	1.6E-05	4.7E-02	1.7E-01	1.3E-07
115	7.6E-03	6.1E-04	2.1E-05	4.7E-02	1.7E-01	1.7E-07
116	7.6E-03	6.1E-04	2.3E-05	4.7E-02	1.7E-01	1.8E-07
117	7.6E-03	6.1E-04	2.1E-05	4.7E-02	1.7E-01	1.7E-07
118	7.6E-03	6.1E-04	1.8E-05	4.7E-02	1.7E-01	1.5E-07
119	7.6E-03	6.1E-04	9.1E-06	4.7E-02	1.7E-01	7.3E-08
120	7.6E-03	6.1E-04	7.3E-06	4.7E-02	1.7E-01	5.8E-08
121	7.6E-03	6.1E-04	5.9E-06	4.7E-02	1.7E-01	4.7E-08
122	7.6E-03	6.1E-04	4.8E-06	4.7E-02	1.7E-01	3.9E-08
123	7.6E-03	6.1E-04	4.0E-06	4.7E-02	1.7E-01	3.2E-08
124	7.6E-03	6.1E-04	3.3E-06	4.7E-02	1.7E-01	2.7E-08
125	7.6E-03	6.1E-04	2.8E-06	4.7E-02	1.7E-01	2.3E-08
126	7.6E-03	6.1E-04	4.6E-06	4.7E-02	1.7E-01	3.7E-08
127	7.6E-03	6.1E-04	6.8E-06	4.7E-02	1.7E-01	5.4E-08
128	7.6E-03	6.1E-04	1.1E-05	4.7E-02	1.7E-01	8.6E-08

MUIR School Project

Risk From P3 - Unmitigated Residential

2 to 16

Receptor #	g/sec	D1	Dose	R1	ED	Risk
129	7.6E-03	6.1E-04	1.8E-05	4.7E-02	1.7E-01	1.4E-07
130	7.6E-03	6.1E-04	3.4E-05	4.7E-02	1.7E-01	2.7E-07
131	7.6E-03	6.1E-04	5.7E-05	4.7E-02	1.7E-01	4.6E-07
132	7.6E-03	6.1E-04	5.5E-05	4.7E-02	1.7E-01	4.4E-07
133	7.6E-03	6.1E-04	1.1E-05	4.7E-02	1.7E-01	8.5E-08
134	7.6E-03	6.1E-04	8.2E-06	4.7E-02	1.7E-01	6.5E-08
135	7.6E-03	6.1E-04	6.4E-06	4.7E-02	1.7E-01	5.1E-08
136	7.6E-03	6.1E-04	5.1E-06	4.7E-02	1.7E-01	4.1E-08
137	7.6E-03	6.1E-04	4.2E-06	4.7E-02	1.7E-01	3.3E-08
138	7.6E-03	6.1E-04	3.4E-06	4.7E-02	1.7E-01	2.8E-08
139	7.6E-03	6.1E-04	2.9E-06	4.7E-02	1.7E-01	2.3E-08
140	7.6E-03	6.1E-04	5.0E-06	4.7E-02	1.7E-01	4.0E-08
141	7.6E-03	6.1E-04	7.7E-06	4.7E-02	1.7E-01	6.2E-08
142	7.6E-03	6.1E-04	1.3E-05	4.7E-02	1.7E-01	1.1E-07
143	7.6E-03	6.1E-04	2.7E-05	4.7E-02	1.7E-01	2.2E-07
144	7.6E-03	6.1E-04	9.2E-05	4.7E-02	1.7E-01	7.4E-07
145	7.6E-03	6.1E-04	1.2E-05	4.7E-02	1.7E-01	9.5E-08
146	7.6E-03	6.1E-04	8.7E-06	4.7E-02	1.7E-01	7.0E-08
147	7.6E-03	6.1E-04	6.7E-06	4.7E-02	1.7E-01	5.4E-08
148	7.6E-03	6.1E-04	5.3E-06	4.7E-02	1.7E-01	4.2E-08
149	7.6E-03	6.1E-04	4.3E-06	4.7E-02	1.7E-01	3.4E-08
150	7.6E-03	6.1E-04	3.5E-06	4.7E-02	1.7E-01	2.8E-08
151	7.6E-03	6.1E-04	3.0E-06	4.7E-02	1.7E-01	2.4E-08
152	7.6E-03	6.1E-04	1.4E-05	4.7E-02	1.7E-01	1.1E-07
153	7.6E-03	6.1E-04	2.9E-05	4.7E-02	1.7E-01	2.3E-07
154	7.6E-03	6.1E-04	8.8E-05	4.7E-02	1.7E-01	7.0E-07
155	7.6E-03	6.1E-04	9.1E-06	4.7E-02	1.7E-01	7.3E-08
156	7.6E-03	6.1E-04	6.9E-06	4.7E-02	1.7E-01	5.5E-08
157	7.6E-03	6.1E-04	5.4E-06	4.7E-02	1.7E-01	4.3E-08
158	7.6E-03	6.1E-04	4.3E-06	4.7E-02	1.7E-01	3.5E-08
159	7.6E-03	6.1E-04	3.6E-06	4.7E-02	1.7E-01	2.9E-08
160	7.6E-03	6.1E-04	3.0E-06	4.7E-02	1.7E-01	2.4E-08
161	7.6E-03	6.1E-04	7.4E-06	4.7E-02	1.7E-01	6.0E-08
162	7.6E-03	6.1E-04	1.2E-05	4.7E-02	1.7E-01	9.7E-08
163	7.6E-03	6.1E-04	2.3E-05	4.7E-02	1.7E-01	1.8E-07
164	7.6E-03	6.1E-04	5.1E-05	4.7E-02	1.7E-01	4.0E-07
165	7.6E-03	6.1E-04	1.4E-04	4.7E-02	1.7E-01	1.1E-06
166	7.6E-03	6.1E-04	9.1E-06	4.7E-02	1.7E-01	7.3E-08
167	7.6E-03	6.1E-04	6.9E-06	4.7E-02	1.7E-01	5.6E-08
168	7.6E-03	6.1E-04	5.4E-06	4.7E-02	1.7E-01	4.4E-08
169	7.6E-03	6.1E-04	4.4E-06	4.7E-02	1.7E-01	3.5E-08
170	7.6E-03	6.1E-04	3.6E-06	4.7E-02	1.7E-01	2.9E-08
171	7.6E-03	6.1E-04	3.0E-06	4.7E-02	1.7E-01	2.4E-08

MUIR School Project

Risk From P3 - Unmitigated Residential

2 to 16

Receptor #	g/sec	D1	Dose	R1	ED	Risk
172	7.6E-03	6.1E-04	6.4E-06	4.7E-02	1.7E-01	5.1E-08
173	7.6E-03	6.1E-04	9.7E-06	4.7E-02	1.7E-01	7.8E-08
174	7.6E-03	6.1E-04	1.6E-05	4.7E-02	1.7E-01	1.3E-07
175	7.6E-03	6.1E-04	2.6E-05	4.7E-02	1.7E-01	2.1E-07
176	7.6E-03	6.1E-04	4.2E-05	4.7E-02	1.7E-01	3.3E-07
177	7.6E-03	6.1E-04	1.6E-05	4.7E-02	1.7E-01	1.3E-07
178	7.6E-03	6.1E-04	1.2E-05	4.7E-02	1.7E-01	9.3E-08
179	7.6E-03	6.1E-04	8.8E-06	4.7E-02	1.7E-01	7.0E-08
180	7.6E-03	6.1E-04	6.8E-06	4.7E-02	1.7E-01	5.5E-08
181	7.6E-03	6.1E-04	5.4E-06	4.7E-02	1.7E-01	4.3E-08
182	7.6E-03	6.1E-04	4.4E-06	4.7E-02	1.7E-01	3.6E-08
183	7.6E-03	6.1E-04	3.7E-06	4.7E-02	1.7E-01	2.9E-08
184	7.6E-03	6.1E-04	3.1E-06	4.7E-02	1.7E-01	2.4E-08
185	7.6E-03	6.1E-04	1.5E-05	4.7E-02	1.7E-01	1.2E-07
186	7.6E-03	6.1E-04	2.0E-05	4.7E-02	1.7E-01	1.6E-07
187	7.6E-03	6.1E-04	2.3E-05	4.7E-02	1.7E-01	1.9E-07
188	7.6E-03	6.1E-04	2.0E-05	4.7E-02	1.7E-01	1.6E-07
189	7.6E-03	6.1E-04	1.6E-05	4.7E-02	1.7E-01	1.3E-07
190	7.6E-03	6.1E-04	1.3E-05	4.7E-02	1.7E-01	1.0E-07
191	7.6E-03	6.1E-04	1.0E-05	4.7E-02	1.7E-01	8.0E-08
192	7.6E-03	6.1E-04	8.0E-06	4.7E-02	1.7E-01	6.4E-08
193	7.6E-03	6.1E-04	6.4E-06	4.7E-02	1.7E-01	5.1E-08
194	7.6E-03	6.1E-04	5.2E-06	4.7E-02	1.7E-01	4.2E-08
195	7.6E-03	6.1E-04	4.4E-06	4.7E-02	1.7E-01	3.5E-08
196	7.6E-03	6.1E-04	3.7E-06	4.7E-02	1.7E-01	2.9E-08
197	7.6E-03	6.1E-04	3.1E-06	4.7E-02	1.7E-01	2.5E-08
198	7.6E-03	6.1E-04	7.3E-06	4.7E-02	1.7E-01	5.8E-08
199	7.6E-03	6.1E-04	9.3E-06	4.7E-02	1.7E-01	7.4E-08
200	7.6E-03	6.1E-04	1.1E-05	4.7E-02	1.7E-01	9.2E-08
201	7.6E-03	6.1E-04	1.3E-05	4.7E-02	1.7E-01	1.0E-07
202	7.6E-03	6.1E-04	1.3E-05	4.7E-02	1.7E-01	1.1E-07
203	7.6E-03	6.1E-04	1.2E-05	4.7E-02	1.7E-01	1.0E-07
204	7.6E-03	6.1E-04	1.1E-05	4.7E-02	1.7E-01	9.0E-08
205	7.6E-03	6.1E-04	9.7E-06	4.7E-02	1.7E-01	7.8E-08
206	7.6E-03	6.1E-04	8.2E-06	4.7E-02	1.7E-01	6.6E-08
207	7.6E-03	6.1E-04	6.9E-06	4.7E-02	1.7E-01	5.5E-08
208	7.6E-03	6.1E-04	5.7E-06	4.7E-02	1.7E-01	4.6E-08
209	7.6E-03	6.1E-04	4.9E-06	4.7E-02	1.7E-01	3.9E-08
210	7.6E-03	6.1E-04	4.1E-06	4.7E-02	1.7E-01	3.3E-08
211	7.6E-03	6.1E-04	3.5E-06	4.7E-02	1.7E-01	2.8E-08
212	7.6E-03	6.1E-04	3.0E-06	4.7E-02	1.7E-01	2.4E-08
213	7.6E-03	6.1E-04	5.3E-06	4.7E-02	1.7E-01	4.2E-08
214	7.6E-03	6.1E-04	6.4E-06	4.7E-02	1.7E-01	5.1E-08

MUIR School Project

Risk From P3 - Unmitigated Residential

2 to 16

Receptor #	g/sec	D1	Dose	R1	ED	Risk
215	7.6E-03	6.1E-04	7.5E-06	4.7E-02	1.7E-01	6.0E-08
216	7.6E-03	6.1E-04	8.3E-06	4.7E-02	1.7E-01	6.7E-08
217	7.6E-03	6.1E-04	8.6E-06	4.7E-02	1.7E-01	6.9E-08
218	7.6E-03	6.1E-04	8.4E-06	4.7E-02	1.7E-01	6.7E-08
219	7.6E-03	6.1E-04	7.8E-06	4.7E-02	1.7E-01	6.3E-08
220	7.6E-03	6.1E-04	7.2E-06	4.7E-02	1.7E-01	5.7E-08
221	7.6E-03	6.1E-04	6.4E-06	4.7E-02	1.7E-01	5.1E-08
222	7.6E-03	6.1E-04	5.6E-06	4.7E-02	1.7E-01	4.5E-08
223	7.6E-03	6.1E-04	4.9E-06	4.7E-02	1.7E-01	3.9E-08
224	7.6E-03	6.1E-04	4.3E-06	4.7E-02	1.7E-01	3.4E-08
225	7.6E-03	6.1E-04	3.8E-06	4.7E-02	1.7E-01	3.0E-08
226	7.6E-03	6.1E-04	3.3E-06	4.7E-02	1.7E-01	2.6E-08
227	7.6E-03	6.1E-04	2.9E-06	4.7E-02	1.7E-01	2.3E-08
228	7.6E-03	6.1E-04	4.6E-06	4.7E-02	1.7E-01	3.7E-08
229	7.6E-03	6.1E-04	5.3E-06	4.7E-02	1.7E-01	4.2E-08
230	7.6E-03	6.1E-04	5.8E-06	4.7E-02	1.7E-01	4.6E-08
231	7.6E-03	6.1E-04	6.0E-06	4.7E-02	1.7E-01	4.8E-08
232	7.6E-03	6.1E-04	5.9E-06	4.7E-02	1.7E-01	4.7E-08
233	7.6E-03	6.1E-04	5.7E-06	4.7E-02	1.7E-01	4.6E-08
234	7.6E-03	6.1E-04	5.4E-06	4.7E-02	1.7E-01	4.3E-08
235	7.6E-03	6.1E-04	5.0E-06	4.7E-02	1.7E-01	4.0E-08
236	7.6E-03	6.1E-04	4.6E-06	4.7E-02	1.7E-01	3.6E-08
237	7.6E-03	6.1E-04	4.1E-06	4.7E-02	1.7E-01	3.3E-08
238	7.6E-03	6.1E-04	3.7E-06	4.7E-02	1.7E-01	2.9E-08
239	7.6E-03	6.1E-04	3.3E-06	4.7E-02	1.7E-01	2.6E-08
240	7.6E-03	6.1E-04	3.0E-06	4.7E-02	1.7E-01	2.4E-08
241	7.6E-03	6.1E-04	2.6E-06	4.7E-02	1.7E-01	2.1E-08
242	7.6E-03	6.1E-04	2.7E-06	4.7E-02	1.7E-01	2.2E-08
243	7.6E-03	6.1E-04	3.1E-06	4.7E-02	1.7E-01	2.5E-08
244	7.6E-03	6.1E-04	3.5E-06	4.7E-02	1.7E-01	2.8E-08
245	7.6E-03	6.1E-04	4.0E-06	4.7E-02	1.7E-01	3.2E-08
246	7.6E-03	6.1E-04	4.3E-06	4.7E-02	1.7E-01	3.4E-08
247	7.6E-03	6.1E-04	4.4E-06	4.7E-02	1.7E-01	3.5E-08
248	7.6E-03	6.1E-04	4.4E-06	4.7E-02	1.7E-01	3.6E-08
249	7.6E-03	6.1E-04	4.3E-06	4.7E-02	1.7E-01	3.4E-08
250	7.6E-03	6.1E-04	4.1E-06	4.7E-02	1.7E-01	3.3E-08
251	7.6E-03	6.1E-04	3.9E-06	4.7E-02	1.7E-01	3.1E-08
252	7.6E-03	6.1E-04	3.5E-06	4.7E-02	1.7E-01	2.8E-08
253	7.6E-03	6.1E-04	3.3E-06	4.7E-02	1.7E-01	2.6E-08
254	7.6E-03	6.1E-04	3.0E-06	4.7E-02	1.7E-01	2.4E-08
255	7.6E-03	6.1E-04	2.8E-06	4.7E-02	1.7E-01	2.3E-08
256	7.6E-03	6.1E-04	2.6E-06	4.7E-02	1.7E-01	2.1E-08
257	7.6E-03	6.1E-04	2.4E-06	4.7E-02	1.7E-01	1.9E-08

MUIR School Project

Risk From P3 - Unmitigated Residential

2 to 16

Receptor #	g/sec	D1	Dose	R1	ED	Risk
258	7.6E-03	6.1E-04	2.2E-06	4.7E-02	1.7E-01	1.8E-08
259	7.6E-03	6.1E-04	2.5E-06	4.7E-02	1.7E-01	2.0E-08
260	7.6E-03	6.1E-04	3.1E-06	4.7E-02	1.7E-01	2.5E-08
261	7.6E-03	6.1E-04	3.3E-06	4.7E-02	1.7E-01	2.6E-08
262	7.6E-03	6.1E-04	3.4E-06	4.7E-02	1.7E-01	2.7E-08
263	7.6E-03	6.1E-04	3.4E-06	4.7E-02	1.7E-01	2.7E-08
264	7.6E-03	6.1E-04	3.4E-06	4.7E-02	1.7E-01	2.7E-08
265	7.6E-03	6.1E-04	3.1E-06	4.7E-02	1.7E-01	2.5E-08
266	7.6E-03	6.1E-04	3.0E-06	4.7E-02	1.7E-01	2.4E-08
267	7.6E-03	6.1E-04	3.0E-06	4.7E-02	1.7E-01	2.4E-08
268	7.6E-03	6.1E-04	2.7E-06	4.7E-02	1.7E-01	2.1E-08
269	7.6E-03	6.1E-04	2.5E-06	4.7E-02	1.7E-01	2.0E-08
270	7.6E-03	6.1E-04	2.4E-06	4.7E-02	1.7E-01	1.9E-08
271	7.6E-03	6.1E-04	2.2E-06	4.7E-02	1.7E-01	1.8E-08
272	7.6E-03	6.1E-04	2.1E-06	4.7E-02	1.7E-01	1.7E-08
273	7.6E-03	6.1E-04	2.6E-06	4.7E-02	1.7E-01	2.1E-08
274	7.6E-03	6.1E-04	2.7E-06	4.7E-02	1.7E-01	2.2E-08
275	7.6E-03	6.1E-04	2.7E-06	4.7E-02	1.7E-01	2.2E-08
276	7.6E-03	6.1E-04	2.7E-06	4.7E-02	1.7E-01	2.2E-08
277	7.6E-03	6.1E-04	2.5E-06	4.7E-02	1.7E-01	2.0E-08
278	7.6E-03	6.1E-04	2.5E-06	4.7E-02	1.7E-01	2.0E-08
279	7.6E-03	6.1E-04	2.5E-06	4.7E-02	1.7E-01	2.0E-08
280	7.6E-03	6.1E-04	2.1E-06	4.7E-02	1.7E-01	1.7E-08
281	7.6E-03	6.1E-04	2.1E-06	4.7E-02	1.7E-01	1.7E-08
282	7.6E-03	6.1E-04	2.0E-06	4.7E-02	1.7E-01	1.6E-08
283	7.6E-03	6.1E-04	1.8E-06	4.7E-02	1.7E-01	1.5E-08
284	7.6E-03	6.1E-04	1.8E-06	4.7E-02	1.7E-01	1.4E-08

8. Construction Health Risk
c. Unmitigated School Risk

Construction Health Risk
Unmitigated School - Assumptions and Risk Summary

MUIR School Project

Unmitigated School - Construction Health Risk Assumptions

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1	1	1	1	no units
EF	0.958904	0.958904	0.958904	0.958904	years
Constant 1	0.000001	0.000001	0.000001	0.000001	no units
CPF	1.1	1.1	1.1	1.1	mg/kg-day-1
ASF	10	10	3	1	no units
P1Demo	0.00	0.00	0.04	0.00	years
P1SP	0.00	0.00	0.00	0.00	years
P1G	0.00	0.00	0.00	0.00	years
P1BC	0.00	0.00	0.47	0.00	years
P1P1	0.00	0.00	0.03	0.00	years
P1P2	0.00	0.00	0.03	0.00	years
P2D	0.00	0.00	0.00	0.00	years
P2BC	0.00	0.00	0.37	0.00	years
P2P	0.00	0.00	0.01	0.00	years
P3	0.00	0.00	0.19	0.00	years
AT	70	70	70	70	years
FAH	1	1	1	0.73	day
Constant 2	1,000,000	1,000,000	1,000,000	1,000,000	no units
Dose Constants:	0.000346	0.001045	0.000605	0.00025	no units
Risk Constants:	0.157143	0.157143	0.047143	0.011471	no units

Dose = (Cair X DBR X A X EF X Constant 1)

Cancer Risk = Dose X CPF x ASF x (ED/AT) X FAH

Risk per Million = Cancer Risk X Constant 2

Non-Cancer Hazard Quotent = Average Annual Concentration x Chronic Inhalation REL

Onsite	lbs/day	g/day	g/sec
P1Demo	1.1525	522.76521	0.012101
P1SP	0	0	0
P1G	0	0	0
P1BC	0.9482	430.09629	0.0099559
P1P1	0.1664571	75.50369	0.0017478
P1P2	0.4161429	188.75922	0.0043694
P2D	0	0	0
P2BC	0.6619815	300.26975	0.0069507
P2P	0.4153	188.37691	0.0043606
P3	0.7374794	334.51503	0.0077434

MUIR School Project

Unmitigated School - Construction Health Risk Assumptions

Source Name	Description
P1Demo	Phase 1 Demolition of buildings and existing hardscape
P1SP	Phase 1 Site Preparation of areas north, east and south of soccer field
P1G	Phase 1 Grading of new building area and areas north and south of the soccer field
P1BC	Phase 1 construction of new building and architectural coating application
P1P1	Hardscape/paving of area south of the soccer field
P1P2	Hardscape/paving of area north and west of the soccer field
P2D	Phase 2 Demolition and grading activities
P2BC	Phase 2 Building construction and architectural coating activities
P2P	Phase 2 Paving activities
P3	Phase 3 Demolition, grading and paving activities

Construction activities can occur between 7 am and 7 pm Monday through Friday.

Receptor Designations

Residential #43 to 284

School

EOS	#1-13	Building use discontinued after Phase 1
POS	#14-34	Buildings onsite that are not removed
NOS	#34-42	Buildings onsite that are used after Phase 1

For school receptors risk for onsite receptors is determined by taking the max of the following scenarios

1. Sum of risk from all 3 phases for the POS receptors.
2. Max of EOS receptor for Phase 1 and NOS receptors for Phase 2 & 3
3. Max of EOS receptors for Phase 1 & 2 and NOS receptors for Phase 3

School Activity Assumptions

1. School is closed to students between the end of the 3rd week of june and the Monday before Labor Day
2. School is closed to students for the 3rd week in November
3. School is closed to students for 2 weeks December/January for Winter Break
4. School is closed to students for Spring Break the last week of March
5. The analysis conservately does not incoroprate days off for minor holidays or other school related day's off.

MUIR School Project
Unmitigated School - Emissions

Phase	Start	End	# days	lbs/day PM10
Phase 1				
Demolition	06/01/20	06/26/20	20	1.1525
Site Preparation	06/27/20	07/01/20	3	0.7771
Grading	07/02/20	07/09/20	6	0.9902
Building Construction	07/10/20	05/13/21	220	0.9482
Paving	05/14/21	05/27/21	10	0.5826
Architectural Coating	05/28/21	06/10/21	10	0.0941
Phase 2				
Demolition	07/01/21	08/11/21	30	1.0409
Grading	08/12/21	08/19/21	6	0.6379
Building Construction	09/01/21	05/03/22	150	0.6843
Paving	09/01/21	09/07/21	5	0.4153
Architectural Coating	05/01/22	05/06/22	5	0.0817
Phase 3				
Demolition	07/01/22	11/03/22	90	0.8379
Grading	11/04/22	11/08/22	6	0.5173
Paving	11/12/22	11/25/22	10	0.3474

Source: *ESA Caleemod Modeling Spreadsheet*

Source	# Volume Sources	% Volume Sources
P1P1	10	0.28571429
P1P2	25	0.71428571

First day of School*

2020-2021	8/24/2020
2021-2022	8/23/3021
2022-2023	8/22/2023

*approximated based on current schedule

Last day of school*

2019-2020	6/19/2020
2020-2021	6/18/2021
2021-2022	6/17/2022

*approximated based on current schedule

Residential Risk

CalEEMod Phase	Start	End	Days	3rd	B-2	2-16 6/1/2022 - 12/31/2022	Lbs/day	Source
Phase 1								
Demolition	6/1/2020	6/26/2020	20	0	0	15	1.1525	P1Demo
Site Preparation	6/27/2020	7/1/2020	3	0	0	0	0.7771	P1SP
Grading	7/2/2020	7/9/2020	6	0	0	0	0.9902	P1G
Building Construction	7/10/2020	5/13/2021	220	0	0	163	0.9482	P1BC
Paving	5/14/2021	5/27/2021	10	0	0	10	0.5826	P1P1, P1P2
Architectural Coating	5/28/2021	6/10/2021	10	0	0	10	0.0941	P1BC
Phase 2								
Demolition	7/1/2021	8/11/2021	30	0	0	0	1.0409	P2D
Grading	8/12/2021	8/19/2021	6	0	0	0	0.6379	P2D
Building Construction	9/1/2021	5/3/2022	150	0	0	130	0.6843	P2BC
Paving	9/1/2021	9/7/2021	5	0	0	5	0.4153	P2P
Architectural Coating	5/1/2022	5/6/2022	5	0	0	5	0.0817	P2BC
Phase 3								
Demolition	7/1/2022	11/3/2022	90	0	0	52	0.8379	P3
Grading	11/4/2022	11/8/2022	6	0	0	6	0.5173	P3
Paving	11/12/2022	11/25/2022	10	0	0	10	0.3474	P3

Source	Days 3rd	Average lbs/day	Days B-2	Total Lbs B-2	Average lbs/day	Days 2-16	Total lbs 2-16	Average lbs/day
P1Demo	0	-	0		-	15	-	**1.1525**
P1SP	0	-	0		-	0	-	**0**
P1G	0	-	0		-	0	-	**0**
P1BC	0	-	0		-	173	-	**0.9482**
P1P1	0	-	0		-	10	1.6645714	**0.16645714**
P1P2	0	-	0		-	10	4.1614286	**0.41614286**
P2D	0	-	0		-	0	-	**0**
P2BC	0	-	0		-	135	89.3675	**0.66198148**
P2P	0	-	0		-	5	-	**0.4153**
P3	0	-	0		-	68	50.1486	**0.73747941**

MUIR School Project

Unmitigated School - Construction Cancer Risk Summary

33	2	2	Receptor
26.10	**7.48**	**7.87**	**Max**

33	Receptor
26.10	**Max**

Receptor #	X	Y		S1 Total	S2 Total	S3 Total	P1 total	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2 Total	P2D	P2BC	P2P	P3
1	378660	3782755	EOS		4.94	5.30	4.94	0.36	0.00	0.00	4.54	0.01	0.03	0.36	0.00	0.36	0.01	4.18
2	378710	3782755	EOS		7.48	7.87	7.48	0.53	0.00	0.00	6.90	0.02	0.03	0.39	0.00	0.38	0.01	6.56
3	378760	3782755	EOS		4.74	5.15	4.74	0.36	0.00	0.00	4.33	0.01	0.03	0.42	0.00	0.41	0.01	5.58
4	378810	3782755	EOS		4.42	4.92	4.42	0.35	0.00	0.00	4.02	0.01	0.04	0.49	0.00	0.49	0.01	5.55
5	378860	3782755	EOS		4.17	4.74	4.17	0.35	0.00	0.00	3.77	0.01	0.04	0.57	0.00	0.56	0.01	5.76
6	378910	3782755	EOS		3.94	4.59	3.94	0.34	0.00	0.00	3.54	0.01	0.05	0.64	0.00	0.63	0.01	6.32
7	378960	3782755	EOS		3.66	4.38	3.66	0.33	0.00	0.00	3.26	0.01	0.05	0.72	0.00	0.72	0.01	4.64
8	379010	3782755	EOS		3.40	4.25	3.40	0.33	0.00	0.00	3.00	0.01	0.06	0.86	0.00	0.85	0.01	4.85
9	378660	3782805	EOS		7.10	7.55	7.10	0.52	0.00	0.00	6.52	0.02	0.04	0.45	0.00	0.44	0.01	6.69
10	378710	3782805	EOS		6.26	6.80	6.26	0.49	0.00	0.00	5.71	0.02	0.04	0.54	0.00	0.53	0.01	7.58
11	378760	3782805	EOS		5.57	6.23	5.57	0.47	0.00	0.00	5.03	0.01	0.06	0.66	0.00	0.65	0.01	6.22
12	378810	3782805	EOS		5.12	5.93	5.12	0.47	0.00	0.00	4.57	0.01	0.07	0.81	0.00	0.80	0.01	5.50
13	378860	3782805	EOS		4.76	5.75	4.76	0.48	0.00	0.00	4.18	0.01	0.08	1.00	0.00	0.99	0.01	4.93
14	378910	3782805	POS		3.31	4.27	3.31	0.33	0.00	0.00	2.90	0.01	0.06	0.96	0.00	0.95	0.01	4.66
15	378960	3782805	POS	14.03			5.97	0.66	0.00	0.00	5.17	0.01	0.13	1.22	0.00	1.21	0.01	6.83
16	378610	3782855	POS	16.52			10.61	1.17	0.00	0.00	9.14	0.02	0.27	1.36	0.00	1.35	0.01	4.55
17	378660	3782855	POS	11.78			6.60	1.20	0.00	0.00	5.06	0.01	0.32	2.64	0.00	2.61	0.02	2.54
18	378710	3782855	POS	11.75			4.22	0.81	0.00	0.00	3.14	0.01	0.26	5.99	0.00	5.96	0.03	1.53
19	378760	3782855	POS	8.49			2.99	0.45	0.00	0.00	2.39	0.01	0.14	3.94	0.00	3.91	0.03	1.56
20	378810	3782855	POS	10.56			2.28	0.34	0.00	0.00	1.83	0.01	0.11	7.24	0.00	7.20	0.04	1.04
21	378860	3782855	POS	15.04			1.95	0.29	0.00	0.00	1.55	0.01	0.10	12.33	0.00	12.25	0.08	0.77
22	378910	3782855	POS	15.72			1.66	0.24	0.00	0.00	1.33	0.01	0.08	13.43	0.00	13.31	0.12	0.63
23	379160	3782855	POS	6.39			1.29	0.16	0.00	0.00	1.07	0.01	0.05	4.54	0.00	4.49	0.05	0.56
24	379210	3782855	POS	6.63			1.46	0.19	0.00	0.00	1.21	0.01	0.06	4.50	0.00	4.46	0.04	0.67
25	378610	3782905	POS	6.17			1.73	0.22	0.00	0.00	1.43	0.01	0.06	3.55	0.00	3.52	0.03	0.89
26	378660	3782905	POS	5.97			2.15	0.27	0.00	0.00	1.79	0.01	0.07	2.49	0.00	2.46	0.02	1.34
27	378710	3782905	POS	6.24			2.51	0.30	0.00	0.00	2.12	0.01	0.07	1.78	0.00	1.76	0.02	1.96
28	378760	3782905	POS	7.03			2.81	0.31	0.00	0.00	2.42	0.01	0.07	1.34	0.00	1.33	0.01	2.88
29	378810	3782905	POS	17.26			3.07	0.55	0.00	0.00	2.22	0.01	0.29	13.46	0.00	13.35	0.11	0.73
30	378860	3782905	POS	23.81			2.89	0.53	0.00	0.00	2.11	0.01	0.24	20.16	0.00	20.04	0.11	0.76
31	379060	3782905	POS	17.92			1.89	0.29	0.00	0.00	1.47	0.01	0.13	15.49	0.00	15.21	0.28	0.54
32	379110	3782905	POS	13.77			1.98	0.30	0.00	0.00	1.53	0.01	0.15	11.27	0.00	10.95	0.32	0.52
33	379160	3782905	POS	26.10			19.04	1.33	0.00	0.00	17.63	0.03	0.05	0.53	0.00	0.52	0.01	6.53
34	379210	3782905	NOS	20.19			12.63	1.14	0.00	0.00	11.34	0.02	0.12	0.88	0.00	0.87	0.01	6.68
35	379260	3782905	NOS		5.94	5.55	13.32	0.84	0.00	0.00	12.41	0.03	0.03	0.39	0.00	0.39	0.01	5.55
36	378560	3782955	NOS		4.84	4.48	13.03	0.94	0.00	0.00	12.03	0.03	0.03	0.35	0.00	0.35	0.01	4.48
37	378610	3782955	NOS		2.16	1.79	18.21	1.46	0.00	0.00	16.58	0.14	0.03	0.36	0.00	0.36	0.01	1.79
38	378660	3782955	NOS		2.89	2.22	22.83	1.74	0.00	0.00	20.92	0.07	0.10	0.66	0.00	0.65	0.01	2.22
39	378710	3782955	NOS		3.35	2.07	19.28	1.69	0.00	0.00	17.30	0.03	0.27	1.27	0.00	1.26	0.01	2.07
40	378760	3782955	NOS		4.51	3.27	14.94	1.41	0.00	0.00	13.28	0.03	0.23	1.24	0.00	1.22	0.01	3.27
41	378810	3782955	NOS		4.40	3.76	20.73	1.36	0.00	0.00	19.25	0.04	0.09	0.64	0.00	0.63	0.01	3.76
42	379010	3782955	NOS		3.63	3.20	22.88	1.63	0.00	0.00	21.14	0.06	0.04	0.42	0.00	0.42	0.01	3.20

MUIR School Project

Unmitigated School - Construction Health Impact Assessment

33	Receptor
0.40	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
1	1.60E-01	0.032644	0	0	0.035208	0.001869	0.003437	0	0.003531	0.001383	0.082402
2	2.42E-01	0.04779	0	0	0.053508	0.002283	0.004017	0	0.003801	0.001465	0.129526
3	1.87E-01	0.032198	0	0	0.033613	0.001801	0.004048	0	0.004091	0.001551	0.110051
4	1.85E-01	0.031523	0	0	0.03119	0.001718	0.004841	0	0.004851	0.001768	0.109549
5	1.88E-01	0.030983	0	0	0.029254	0.00165	0.005456	0	0.005563	0.001962	0.113603
6	1.99E-01	0.030703	0	0	0.027484	0.001581	0.006192	0	0.006304	0.002155	0.124716
7	1.64E-01	0.029723	0	0	0.025324	0.001501	0.006698	0	0.007119	0.002361	0.091583
8	1.68E-01	0.029412	0	0	0.023271	0.001418	0.00765	0	0.008405	0.002669	0.095626
9	2.42E-01	0.046711	0	0	0.05059	0.002232	0.004823	0	0.004404	0.00164	0.132011
10	2.53E-01	0.043829	0	0	0.044314	0.002096	0.005982	0	0.005291	0.001884	0.149661
11	2.22E-01	0.042199	0	0	0.03902	0.001944	0.007476	0	0.006468	0.002187	0.122808
12	2.08E-01	0.042232	0	0	0.035421	0.001822	0.009295	0	0.007969	0.002544	0.108581
13	1.98E-01	0.042779	0	0	0.032431	0.001721	0.01129	0	0.009811	0.002949	0.097198
14	1.66E-01	0.029684	0	0	0.022513	0.00139	0.008269	0	0.009483	0.002913	0.091867
15	2.69E-01	0.058902	0	0	0.040085	0.001928	0.017335	0	0.012052	0.003383	0.134836
16	3.22E-01	0.105091	0	0	0.070934	0.002531	0.036507	0	0.013398	0.003639	0.089843
17	2.74E-01	0.10727	0	0	0.039257	0.001965	0.043549	0	0.025992	0.00551	0.050168
18	2.31E-01	0.072131	0	0	0.024389	0.001558	0.034834	0	0.059232	0.008813	0.030257
19	1.56E-01	0.040528	0	0	0.018539	0.001276	0.01843	0	0.038914	0.007297	0.030851
20	1.63E-01	0.030534	0	0	0.014166	0.001095	0.01447	0	0.071535	0.01102	0.020497
21	2.10E-01	0.026111	0	0	0.012011	0.001006	0.013204	0	0.121806	0.020812	0.01512
22	2.20E-01	0.02135	0	0	0.010353	0.000917	0.01096	0	0.132285	0.032075	0.012458
23	9.98E-02	0.014658	0	0	0.008305	0.00076	0.006735	0	0.044607	0.013707	0.011026
24	1.03E-01	0.01674	0	0	0.009374	0.000822	0.007543	0	0.044291	0.011191	0.01325
25	1.01E-01	0.019828	0	0	0.011122	0.000914	0.008572	0	0.035021	0.008109	0.017649
26	1.06E-01	0.024362	0	0	0.013922	0.001045	0.009945	0	0.024492	0.005868	0.026353
27	1.15E-01	0.026852	0	0	0.016467	0.001153	0.010036	0	0.017522	0.004556	0.038601
28	1.31E-01	0.028101	0	0	0.018752	0.001243	0.009468	0	0.013172	0.003704	0.056884
29	2.83E-01	0.049506	0	0	0.017217	0.001448	0.038399	0	0.132731	0.029498	0.014312
30	3.42E-01	0.047688	0	0	0.016404	0.001352	0.031698	0	0.199234	0.030372	0.014955
31	2.92E-01	0.025941	0	0	0.011366	0.001063	0.01699	0	0.151185	0.074426	0.010646
32	2.63E-01	0.027002	0	0	0.011856	0.001132	0.019623	0	0.108867	0.084569	0.010291
33	4.03E-01	0.118642	0	0	0.136756	0.004011	0.007312	0	0.00516	0.001861	0.128891
34	3.53E-01	0.102409	0	0	0.08795	0.002959	0.016748	0	0.008638	0.002698	0.131904
35	2.96E-01	0.075356	0	0	0.096251	0.004513	0.004695	0	0.003837	0.001487	0.109587
36	2.79E-01	0.084297	0	0	0.093328	0.004225	0.003968	0	0.00344	0.001365	0.08851
37	3.23E-01	0.13052	0	0	0.128615	0.01879	0.004641	0	0.003561	0.001432	0.035356
38	3.94E-01	0.155965	0	0	0.162266	0.009721	0.013375	0	0.006492	0.002285	0.043906
39	3.82E-01	0.150827	0	0	0.134179	0.004613	0.035683	0	0.012528	0.003666	0.040877
40	3.44E-01	0.126006	0	0	0.102995	0.003539	0.0312	0	0.012161	0.003471	0.064563
41	3.71E-01	0.121468	0	0	0.149289	0.005857	0.0116	0	0.006254	0.002173	0.074168
42	3.93E-01	0.146147	0	0	0.163978	0.008154	0.005688	0	0.004153	0.001596	0.063231

Unmitigated School Risk Calculations

MUIR School Project

Risk From P1Demo - Unmitigated School

1.74

1.74

2-16

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
1	13.4881	0.36	3.6E-07	1.2E-02	3.5E-04	5.7E-05	1.6E-01	4.1E-02	3.6E-07
2	19.74622	0.53	5.3E-07	1.2E-02	3.5E-04	8.3E-05	1.6E-01	4.1E-02	5.3E-07
3	13.30387	0.36	3.6E-07	1.2E-02	3.5E-04	5.6E-05	1.6E-01	4.1E-02	3.6E-07
4	13.02484	0.35	3.5E-07	1.2E-02	3.5E-04	5.5E-05	1.6E-01	4.1E-02	3.5E-07
5	12.80166	0.35	3.5E-07	1.2E-02	3.5E-04	5.4E-05	1.6E-01	4.1E-02	3.5E-07
6	12.68622	0.34	3.4E-07	1.2E-02	3.5E-04	5.3E-05	1.6E-01	4.1E-02	3.4E-07
7	12.28112	0.33	3.3E-07	1.2E-02	3.5E-04	5.1E-05	1.6E-01	4.1E-02	3.3E-07
8	12.15254	0.33	3.3E-07	1.2E-02	3.5E-04	5.1E-05	1.6E-01	4.1E-02	3.3E-07
9	19.30039	0.52	5.2E-07	1.2E-02	3.5E-04	8.1E-05	1.6E-01	4.1E-02	5.2E-07
10	18.10949	0.49	4.9E-07	1.2E-02	3.5E-04	7.6E-05	1.6E-01	4.1E-02	4.9E-07
11	17.43624	0.47	4.7E-07	1.2E-02	3.5E-04	7.3E-05	1.6E-01	4.1E-02	4.7E-07
12	17.44989	0.47	4.7E-07	1.2E-02	3.5E-04	7.3E-05	1.6E-01	4.1E-02	4.7E-07
13	17.67588	0.48	4.8E-07	1.2E-02	3.5E-04	7.4E-05	1.6E-01	4.1E-02	4.8E-07
14	12.26523	0.33	3.3E-07	1.2E-02	3.5E-04	5.1E-05	1.6E-01	4.1E-02	3.3E-07
15	24.33765	0.66	6.6E-07	1.2E-02	3.5E-04	1.0E-04	1.6E-01	4.1E-02	6.6E-07
16	43.42235	1.17	1.2E-06	1.2E-02	3.5E-04	1.8E-04	1.6E-01	4.1E-02	1.2E-06
17	44.32248	1.20	1.2E-06	1.2E-02	3.5E-04	1.9E-04	1.6E-01	4.1E-02	1.2E-06
18	29.8038	0.81	8.1E-07	1.2E-02	3.5E-04	1.2E-04	1.6E-01	4.1E-02	8.1E-07
19	16.74576	0.45	4.5E-07	1.2E-02	3.5E-04	7.0E-05	1.6E-01	4.1E-02	4.5E-07
20	12.61633	0.34	3.4E-07	1.2E-02	3.5E-04	5.3E-05	1.6E-01	4.1E-02	3.4E-07
21	10.78866	0.29	2.9E-07	1.2E-02	3.5E-04	4.5E-05	1.6E-01	4.1E-02	2.9E-07
22	8.82168	0.24	2.4E-07	1.2E-02	3.5E-04	3.7E-05	1.6E-01	4.1E-02	2.4E-07
23	6.05667	0.16	1.6E-07	1.2E-02	3.5E-04	2.5E-05	1.6E-01	4.1E-02	1.6E-07
24	6.91674	0.19	1.9E-07	1.2E-02	3.5E-04	2.9E-05	1.6E-01	4.1E-02	1.9E-07
25	8.1927	0.22	2.2E-07	1.2E-02	3.5E-04	3.4E-05	1.6E-01	4.1E-02	2.2E-07
26	10.06596	0.27	2.7E-07	1.2E-02	3.5E-04	4.2E-05	1.6E-01	4.1E-02	2.7E-07
27	11.09496	0.30	3.0E-07	1.2E-02	3.5E-04	4.6E-05	1.6E-01	4.1E-02	3.0E-07
28	11.61089	0.31	3.1E-07	1.2E-02	3.5E-04	4.9E-05	1.6E-01	4.1E-02	3.1E-07
29	20.45505	0.55	5.5E-07	1.2E-02	3.5E-04	8.6E-05	1.6E-01	4.1E-02	5.5E-07
30	19.70394	0.53	5.3E-07	1.2E-02	3.5E-04	8.3E-05	1.6E-01	4.1E-02	5.3E-07
31	10.71859	0.29	2.9E-07	1.2E-02	3.5E-04	4.5E-05	1.6E-01	4.1E-02	2.9E-07
32	11.15707	0.30	3.0E-07	1.2E-02	3.5E-04	4.7E-05	1.6E-01	4.1E-02	3.0E-07
33	49.02157	1.33	1.3E-06	1.2E-02	3.5E-04	2.1E-04	1.6E-01	4.1E-02	1.3E-06
34	42.31428	1.14	1.1E-06	1.2E-02	3.5E-04	1.8E-04	1.6E-01	4.1E-02	1.1E-06
35	31.13602	0.84	8.4E-07	1.2E-02	3.5E-04	1.3E-04	1.6E-01	4.1E-02	8.4E-07
36	34.83044	0.94	9.4E-07	1.2E-02	3.5E-04	1.5E-04	1.6E-01	4.1E-02	9.4E-07
37	53.92903	1.46	1.5E-06	1.2E-02	3.5E-04	2.3E-04	1.6E-01	4.1E-02	1.5E-06
38	64.44266	1.74	1.7E-06	1.2E-02	3.5E-04	2.7E-04	1.6E-01	4.1E-02	1.7E-06
39	62.31996	1.69	1.7E-06	1.2E-02	3.5E-04	2.6E-04	1.6E-01	4.1E-02	1.7E-06
40	52.06413	1.41	1.4E-06	1.2E-02	3.5E-04	2.2E-04	1.6E-01	4.1E-02	1.4E-06
41	50.18899	1.36	1.4E-06	1.2E-02	3.5E-04	2.1E-04	1.6E-01	4.1E-02	1.4E-06
42	60.38624	1.63	1.6E-06	1.2E-02	3.5E-04	2.5E-04	1.6E-01	4.1E-02	1.6E-06

MUIR School Project

Risk From P1BC - Unmitigated School

Max 21.14 **2-16**

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
1	17.68206	4.54	4.5E-06	1.0E-02	3.5E-04	6.1E-05	1.6E-01	4.7E-01	4.5E-06
2	26.87243	6.90	6.9E-06	1.0E-02	3.5E-04	9.3E-05	1.6E-01	4.7E-01	6.9E-06
3	16.88087	4.33	4.3E-06	1.0E-02	3.5E-04	5.8E-05	1.6E-01	4.7E-01	4.3E-06
4	15.66421	4.02	4.0E-06	1.0E-02	3.5E-04	5.4E-05	1.6E-01	4.7E-01	4.0E-06
5	14.69172	3.77	3.8E-06	1.0E-02	3.5E-04	5.1E-05	1.6E-01	4.7E-01	3.8E-06
6	13.80271	3.54	3.5E-06	1.0E-02	3.5E-04	4.8E-05	1.6E-01	4.7E-01	3.5E-06
7	12.71824	3.26	3.3E-06	1.0E-02	3.5E-04	4.4E-05	1.6E-01	4.7E-01	3.3E-06
8	11.68717	3.00	3.0E-06	1.0E-02	3.5E-04	4.0E-05	1.6E-01	4.7E-01	3.0E-06
9	25.40697	6.52	6.5E-06	1.0E-02	3.5E-04	8.8E-05	1.6E-01	4.7E-01	6.5E-06
10	22.25521	5.71	5.7E-06	1.0E-02	3.5E-04	7.7E-05	1.6E-01	4.7E-01	5.7E-06
11	19.59625	5.03	5.0E-06	1.0E-02	3.5E-04	6.8E-05	1.6E-01	4.7E-01	5.0E-06
12	17.78901	4.57	4.6E-06	1.0E-02	3.5E-04	6.1E-05	1.6E-01	4.7E-01	4.6E-06
13	16.28733	4.18	4.2E-06	1.0E-02	3.5E-04	5.6E-05	1.6E-01	4.7E-01	4.2E-06
14	11.30611	2.90	2.9E-06	1.0E-02	3.5E-04	3.9E-05	1.6E-01	4.7E-01	2.9E-06
15	20.13137	5.17	5.2E-06	1.0E-02	3.5E-04	6.9E-05	1.6E-01	4.7E-01	5.2E-06
16	35.62392	9.14	9.1E-06	1.0E-02	3.5E-04	1.2E-04	1.6E-01	4.7E-01	9.1E-06
17	19.7152	5.06	5.1E-06	1.0E-02	3.5E-04	6.8E-05	1.6E-01	4.7E-01	5.1E-06
18	12.24842	3.14	3.1E-06	1.0E-02	3.5E-04	4.2E-05	1.6E-01	4.7E-01	3.1E-06
19	9.3103	2.39	2.4E-06	1.0E-02	3.5E-04	3.2E-05	1.6E-01	4.7E-01	2.4E-06
20	7.11453	1.83	1.8E-06	1.0E-02	3.5E-04	2.5E-05	1.6E-01	4.7E-01	1.8E-06
21	6.03193	1.55	1.5E-06	1.0E-02	3.5E-04	2.1E-05	1.6E-01	4.7E-01	1.5E-06
22	5.19965	1.33	1.3E-06	1.0E-02	3.5E-04	1.8E-05	1.6E-01	4.7E-01	1.3E-06
23	4.17079	1.07	1.1E-06	1.0E-02	3.5E-04	1.4E-05	1.6E-01	4.7E-01	1.1E-06
24	4.70789	1.21	1.2E-06	1.0E-02	3.5E-04	1.6E-05	1.6E-01	4.7E-01	1.2E-06
25	5.58565	1.43	1.4E-06	1.0E-02	3.5E-04	1.9E-05	1.6E-01	4.7E-01	1.4E-06
26	6.9919	1.79	1.8E-06	1.0E-02	3.5E-04	2.4E-05	1.6E-01	4.7E-01	1.8E-06
27	8.27011	2.12	2.1E-06	1.0E-02	3.5E-04	2.9E-05	1.6E-01	4.7E-01	2.1E-06
28	9.41737	2.42	2.4E-06	1.0E-02	3.5E-04	3.2E-05	1.6E-01	4.7E-01	2.4E-06
29	8.64671	2.22	2.2E-06	1.0E-02	3.5E-04	3.0E-05	1.6E-01	4.7E-01	2.2E-06
30	8.23807	2.11	2.1E-06	1.0E-02	3.5E-04	2.8E-05	1.6E-01	4.7E-01	2.1E-06
31	5.70798	1.47	1.5E-06	1.0E-02	3.5E-04	2.0E-05	1.6E-01	4.7E-01	1.5E-06
32	5.9543	1.53	1.5E-06	1.0E-02	3.5E-04	2.1E-05	1.6E-01	4.7E-01	1.5E-06
33	68.68057	17.63	1.8E-05	1.0E-02	3.5E-04	2.4E-04	1.6E-01	4.7E-01	1.8E-05
34	44.16969	11.34	1.1E-05	1.0E-02	3.5E-04	1.5E-04	1.6E-01	4.7E-01	1.1E-05
35	48.33874	12.41	1.2E-05	1.0E-02	3.5E-04	1.7E-04	1.6E-01	4.7E-01	1.2E-05
36	46.87076	12.03	1.2E-05	1.0E-02	3.5E-04	1.6E-04	1.6E-01	4.7E-01	1.2E-05
37	64.59199	16.58	1.7E-05	1.0E-02	3.5E-04	2.2E-04	1.6E-01	4.7E-01	1.7E-05
38	81.49201	20.92	2.1E-05	1.0E-02	3.5E-04	2.8E-04	1.6E-01	4.7E-01	2.1E-05
39	67.38663	17.30	1.7E-05	1.0E-02	3.5E-04	2.3E-04	1.6E-01	4.7E-01	1.7E-05
40	51.72521	13.28	1.3E-05	1.0E-02	3.5E-04	1.8E-04	1.6E-01	4.7E-01	1.3E-05
41	74.97483	19.25	1.9E-05	1.0E-02	3.5E-04	2.6E-04	1.6E-01	4.7E-01	1.9E-05
42	82.35214	21.14	2.1E-05	1.0E-02	3.5E-04	2.8E-04	1.6E-01	4.7E-01	2.1E-05

MUIR School Project

Risk From P1P1 - Unmitigated School

	Max	0.14					2-16		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	5.34542	0.01	1.4E-08	1.7E-03	3.5E-04	3.2E-06	1.6E-01	2.7E-02	1.4E-08
2	6.53105	0.02	1.7E-08	1.7E-03	3.5E-04	4.0E-06	1.6E-01	2.7E-02	1.7E-08
3	5.15193	0.01	1.3E-08	1.7E-03	3.5E-04	3.1E-06	1.6E-01	2.7E-02	1.3E-08
4	4.91399	0.01	1.3E-08	1.7E-03	3.5E-04	3.0E-06	1.6E-01	2.7E-02	1.3E-08
5	4.72168	0.01	1.2E-08	1.7E-03	3.5E-04	2.9E-06	1.6E-01	2.7E-02	1.2E-08
6	4.52382	0.01	1.2E-08	1.7E-03	3.5E-04	2.7E-06	1.6E-01	2.7E-02	1.2E-08
7	4.29462	0.01	1.1E-08	1.7E-03	3.5E-04	2.6E-06	1.6E-01	2.7E-02	1.1E-08
8	4.05698	0.01	1.1E-08	1.7E-03	3.5E-04	2.5E-06	1.6E-01	2.7E-02	1.1E-08
9	6.3843	0.02	1.7E-08	1.7E-03	3.5E-04	3.9E-06	1.6E-01	2.7E-02	1.7E-08
10	5.99545	0.02	1.6E-08	1.7E-03	3.5E-04	3.6E-06	1.6E-01	2.7E-02	1.6E-08
11	5.56088	0.01	1.4E-08	1.7E-03	3.5E-04	3.4E-06	1.6E-01	2.7E-02	1.4E-08
12	5.21211	0.01	1.4E-08	1.7E-03	3.5E-04	3.2E-06	1.6E-01	2.7E-02	1.4E-08
13	4.9222	0.01	1.3E-08	1.7E-03	3.5E-04	3.0E-06	1.6E-01	2.7E-02	1.3E-08
14	3.9766	0.01	1.0E-08	1.7E-03	3.5E-04	2.4E-06	1.6E-01	2.7E-02	1.0E-08
15	5.51565	0.01	1.4E-08	1.7E-03	3.5E-04	3.3E-06	1.6E-01	2.7E-02	1.4E-08
16	7.241	0.02	1.9E-08	1.7E-03	3.5E-04	4.4E-06	1.6E-01	2.7E-02	1.9E-08
17	5.62077	0.01	1.5E-08	1.7E-03	3.5E-04	3.4E-06	1.6E-01	2.7E-02	1.5E-08
18	4.45699	0.01	1.2E-08	1.7E-03	3.5E-04	2.7E-06	1.6E-01	2.7E-02	1.2E-08
19	3.64975	0.01	9.5E-09	1.7E-03	3.5E-04	2.2E-06	1.6E-01	2.7E-02	9.5E-09
20	3.13268	0.01	8.2E-09	1.7E-03	3.5E-04	1.9E-06	1.6E-01	2.7E-02	8.2E-09
21	2.87834	0.01	7.5E-09	1.7E-03	3.5E-04	1.7E-06	1.6E-01	2.7E-02	7.5E-09
22	2.62428	0.01	6.8E-09	1.7E-03	3.5E-04	1.6E-06	1.6E-01	2.7E-02	6.8E-09
23	2.17396	0.01	5.7E-09	1.7E-03	3.5E-04	1.3E-06	1.6E-01	2.7E-02	5.7E-09
24	2.3519	0.01	6.1E-09	1.7E-03	3.5E-04	1.4E-06	1.6E-01	2.7E-02	6.1E-09
25	2.61509	0.01	6.8E-09	1.7E-03	3.5E-04	1.6E-06	1.6E-01	2.7E-02	6.8E-09
26	2.98836	0.01	7.8E-09	1.7E-03	3.5E-04	1.8E-06	1.6E-01	2.7E-02	7.8E-09
27	3.29951	0.01	8.6E-09	1.7E-03	3.5E-04	2.0E-06	1.6E-01	2.7E-02	8.6E-09
28	3.55566	0.01	9.3E-09	1.7E-03	3.5E-04	2.2E-06	1.6E-01	2.7E-02	9.3E-09
29	4.14233	0.01	1.1E-08	1.7E-03	3.5E-04	2.5E-06	1.6E-01	2.7E-02	1.1E-08
30	3.86789	0.01	1.0E-08	1.7E-03	3.5E-04	2.3E-06	1.6E-01	2.7E-02	1.0E-08
31	3.04216	0.01	7.9E-09	1.7E-03	3.5E-04	1.8E-06	1.6E-01	2.7E-02	7.9E-09
32	3.23854	0.01	8.4E-09	1.7E-03	3.5E-04	2.0E-06	1.6E-01	2.7E-02	8.4E-09
33	11.47502	0.03	3.0E-08	1.7E-03	3.5E-04	6.9E-06	1.6E-01	2.7E-02	3.0E-08
34	8.46439	0.02	2.2E-08	1.7E-03	3.5E-04	5.1E-06	1.6E-01	2.7E-02	2.2E-08
35	12.91023	0.03	3.4E-08	1.7E-03	3.5E-04	7.8E-06	1.6E-01	2.7E-02	3.4E-08
36	12.08806	0.03	3.1E-08	1.7E-03	3.5E-04	7.3E-06	1.6E-01	2.7E-02	3.1E-08
37	53.75325	0.14	1.4E-07	1.7E-03	3.5E-04	3.3E-05	1.6E-01	2.7E-02	1.4E-07
38	27.8098	0.07	7.2E-08	1.7E-03	3.5E-04	1.7E-05	1.6E-01	2.7E-02	7.2E-08
39	13.1981	0.03	3.4E-08	1.7E-03	3.5E-04	8.0E-06	1.6E-01	2.7E-02	3.4E-08
40	10.12387	0.03	2.6E-08	1.7E-03	3.5E-04	6.1E-06	1.6E-01	2.7E-02	2.6E-08
41	16.75586	0.04	4.4E-08	1.7E-03	3.5E-04	1.0E-05	1.6E-01	2.7E-02	4.4E-08
42	23.32596	0.06	6.1E-08	1.7E-03	3.5E-04	1.4E-05	1.6E-01	2.7E-02	6.1E-08

MUIR School Project

Risk From P1P2 - Unmitigated School

	Max	0.32					2-16		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	3.93318	0.03	2.6E-08	4.4E-03	3.5E-04	5.9E-06	1.6E-01	2.7E-02	2.6E-08
2	4.59663	0.03	3.0E-08	4.4E-03	3.5E-04	7.0E-06	1.6E-01	2.7E-02	3.0E-08
3	4.63221	0.03	3.0E-08	4.4E-03	3.5E-04	7.0E-06	1.6E-01	2.7E-02	3.0E-08
4	5.54001	0.04	3.6E-08	4.4E-03	3.5E-04	8.4E-06	1.6E-01	2.7E-02	3.6E-08
5	6.24304	0.04	4.1E-08	4.4E-03	3.5E-04	9.4E-06	1.6E-01	2.7E-02	4.1E-08
6	7.0856	0.05	4.6E-08	4.4E-03	3.5E-04	1.1E-05	1.6E-01	2.7E-02	4.6E-08
7	7.66485	0.05	5.0E-08	4.4E-03	3.5E-04	1.2E-05	1.6E-01	2.7E-02	5.0E-08
8	8.75423	0.06	5.7E-08	4.4E-03	3.5E-04	1.3E-05	1.6E-01	2.7E-02	5.7E-08
9	5.51862	0.04	3.6E-08	4.4E-03	3.5E-04	8.3E-06	1.6E-01	2.7E-02	3.6E-08
10	6.84478	0.04	4.5E-08	4.4E-03	3.5E-04	1.0E-05	1.6E-01	2.7E-02	4.5E-08
11	8.55452	0.06	5.6E-08	4.4E-03	3.5E-04	1.3E-05	1.6E-01	2.7E-02	5.6E-08
12	10.63695	0.07	6.9E-08	4.4E-03	3.5E-04	1.6E-05	1.6E-01	2.7E-02	6.9E-08
13	12.91953	0.08	8.4E-08	4.4E-03	3.5E-04	2.0E-05	1.6E-01	2.7E-02	8.4E-08
14	9.46229	0.06	6.2E-08	4.4E-03	3.5E-04	1.4E-05	1.6E-01	2.7E-02	6.2E-08
15	19.83715	0.13	1.3E-07	4.4E-03	3.5E-04	3.0E-05	1.6E-01	2.7E-02	1.3E-07
16	41.77508	0.27	2.7E-07	4.4E-03	3.5E-04	6.3E-05	1.6E-01	2.7E-02	2.7E-07
17	49.83389	0.32	3.2E-07	4.4E-03	3.5E-04	7.5E-05	1.6E-01	2.7E-02	3.2E-07
18	39.86107	0.26	2.6E-07	4.4E-03	3.5E-04	6.0E-05	1.6E-01	2.7E-02	2.6E-07
19	21.08989	0.14	1.4E-07	4.4E-03	3.5E-04	3.2E-05	1.6E-01	2.7E-02	1.4E-07
20	16.55858	0.11	1.1E-07	4.4E-03	3.5E-04	2.5E-05	1.6E-01	2.7E-02	1.1E-07
21	15.10953	0.10	9.8E-08	4.4E-03	3.5E-04	2.3E-05	1.6E-01	2.7E-02	9.8E-08
22	12.54156	0.08	8.2E-08	4.4E-03	3.5E-04	1.9E-05	1.6E-01	2.7E-02	8.2E-08
23	7.70706	0.05	5.0E-08	4.4E-03	3.5E-04	1.2E-05	1.6E-01	2.7E-02	5.0E-08
24	8.63152	0.06	5.6E-08	4.4E-03	3.5E-04	1.3E-05	1.6E-01	2.7E-02	5.6E-08
25	9.80878	0.06	6.4E-08	4.4E-03	3.5E-04	1.5E-05	1.6E-01	2.7E-02	6.4E-08
26	11.38063	0.07	7.4E-08	4.4E-03	3.5E-04	1.7E-05	1.6E-01	2.7E-02	7.4E-08
27	11.48457	0.07	7.5E-08	4.4E-03	3.5E-04	1.7E-05	1.6E-01	2.7E-02	7.5E-08
28	10.83385	0.07	7.1E-08	4.4E-03	3.5E-04	1.6E-05	1.6E-01	2.7E-02	7.1E-08
29	43.94048	0.29	2.9E-07	4.4E-03	3.5E-04	6.6E-05	1.6E-01	2.7E-02	2.9E-07
30	36.27284	0.24	2.4E-07	4.4E-03	3.5E-04	5.5E-05	1.6E-01	2.7E-02	2.4E-07
31	19.44194	0.13	1.3E-07	4.4E-03	3.5E-04	2.9E-05	1.6E-01	2.7E-02	1.3E-07
32	22.45472	0.15	1.5E-07	4.4E-03	3.5E-04	3.4E-05	1.6E-01	2.7E-02	1.5E-07
33	8.36767	0.05	5.4E-08	4.4E-03	3.5E-04	1.3E-05	1.6E-01	2.7E-02	5.4E-08
34	19.16488	0.12	1.2E-07	4.4E-03	3.5E-04	2.9E-05	1.6E-01	2.7E-02	1.2E-07
35	5.37208	0.03	3.5E-08	4.4E-03	3.5E-04	8.1E-06	1.6E-01	2.7E-02	3.5E-08
36	4.54055	0.03	3.0E-08	4.4E-03	3.5E-04	6.9E-06	1.6E-01	2.7E-02	3.0E-08
37	5.31075	0.03	3.5E-08	4.4E-03	3.5E-04	8.0E-06	1.6E-01	2.7E-02	3.5E-08
38	15.30483	0.10	1.0E-07	4.4E-03	3.5E-04	2.3E-05	1.6E-01	2.7E-02	1.0E-07
39	40.8326	0.27	2.7E-07	4.4E-03	3.5E-04	6.2E-05	1.6E-01	2.7E-02	2.7E-07
40	35.70233	0.23	2.3E-07	4.4E-03	3.5E-04	5.4E-05	1.6E-01	2.7E-02	2.3E-07
41	13.27385	0.09	8.6E-08	4.4E-03	3.5E-04	2.0E-05	1.6E-01	2.7E-02	8.6E-08
42	6.50887	0.04	4.2E-08	4.4E-03	3.5E-04	9.8E-06	1.6E-01	2.7E-02	4.2E-08

MUIR School Project

Risk From P2BC - Unmitigated School

Max 20.04 **2-16**

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
1	2.54014	0.36	3.6E-07	7.0E-03	3.5E-04	6.1E-06	1.6E-01	3.7E-01	3.6E-07
2	2.73398	0.38	3.8E-07	7.0E-03	3.5E-04	6.6E-06	1.6E-01	3.7E-01	3.8E-07
3	2.9426	0.41	4.1E-07	7.0E-03	3.5E-04	7.1E-06	1.6E-01	3.7E-01	4.1E-07
4	3.48971	0.49	4.9E-07	7.0E-03	3.5E-04	8.4E-06	1.6E-01	3.7E-01	4.9E-07
5	4.00155	0.56	5.6E-07	7.0E-03	3.5E-04	9.6E-06	1.6E-01	3.7E-01	5.6E-07
6	4.53449	0.63	6.3E-07	7.0E-03	3.5E-04	1.1E-05	1.6E-01	3.7E-01	6.3E-07
7	5.12095	0.72	7.2E-07	7.0E-03	3.5E-04	1.2E-05	1.6E-01	3.7E-01	7.2E-07
8	6.04622	0.85	8.5E-07	7.0E-03	3.5E-04	1.5E-05	1.6E-01	3.7E-01	8.5E-07
9	3.16819	0.44	4.4E-07	7.0E-03	3.5E-04	7.6E-06	1.6E-01	3.7E-01	4.4E-07
10	3.80593	0.53	5.3E-07	7.0E-03	3.5E-04	9.2E-06	1.6E-01	3.7E-01	5.3E-07
11	4.653	0.65	6.5E-07	7.0E-03	3.5E-04	1.1E-05	1.6E-01	3.7E-01	6.5E-07
12	5.73221	0.80	8.0E-07	7.0E-03	3.5E-04	1.4E-05	1.6E-01	3.7E-01	8.0E-07
13	7.05766	0.99	9.9E-07	7.0E-03	3.5E-04	1.7E-05	1.6E-01	3.7E-01	9.9E-07
14	6.82153	0.95	9.5E-07	7.0E-03	3.5E-04	1.6E-05	1.6E-01	3.7E-01	9.5E-07
15	8.66945	1.21	1.2E-06	7.0E-03	3.5E-04	2.1E-05	1.6E-01	3.7E-01	1.2E-06
16	9.63785	1.35	1.3E-06	7.0E-03	3.5E-04	2.3E-05	1.6E-01	3.7E-01	1.3E-06
17	18.6975	2.61	2.6E-06	7.0E-03	3.5E-04	4.5E-05	1.6E-01	3.7E-01	2.6E-06
18	42.6084	5.96	6.0E-06	7.0E-03	3.5E-04	1.0E-04	1.6E-01	3.7E-01	6.0E-06
19	27.99272	3.91	3.9E-06	7.0E-03	3.5E-04	6.7E-05	1.6E-01	3.7E-01	3.9E-06
20	51.45915	7.20	7.2E-06	7.0E-03	3.5E-04	1.2E-04	1.6E-01	3.7E-01	7.2E-06
21	87.6217	12.25	1.2E-05	7.0E-03	3.5E-04	2.1E-04	1.6E-01	3.7E-01	1.2E-05
22	95.15953	13.31	1.3E-05	7.0E-03	3.5E-04	2.3E-04	1.6E-01	3.7E-01	1.3E-05
23	32.08844	4.49	4.5E-06	7.0E-03	3.5E-04	7.7E-05	1.6E-01	3.7E-01	4.5E-06
24	31.86058	4.46	4.5E-06	7.0E-03	3.5E-04	7.7E-05	1.6E-01	3.7E-01	4.5E-06
25	25.19278	3.52	3.5E-06	7.0E-03	3.5E-04	6.1E-05	1.6E-01	3.7E-01	3.5E-06
26	17.6182	2.46	2.5E-06	7.0E-03	3.5E-04	4.2E-05	1.6E-01	3.7E-01	2.5E-06
27	12.60423	1.76	1.8E-06	7.0E-03	3.5E-04	3.0E-05	1.6E-01	3.7E-01	1.8E-06
28	9.47515	1.33	1.3E-06	7.0E-03	3.5E-04	2.3E-05	1.6E-01	3.7E-01	1.3E-06
29	95.48041	13.35	1.3E-05	7.0E-03	3.5E-04	2.3E-04	1.6E-01	3.7E-01	1.3E-05
30	143.31931	20.04	2.0E-05	7.0E-03	3.5E-04	3.4E-04	1.6E-01	3.7E-01	2.0E-05
31	108.75554	15.21	1.5E-05	7.0E-03	3.5E-04	2.6E-04	1.6E-01	3.7E-01	1.5E-05
32	78.31386	10.95	1.1E-05	7.0E-03	3.5E-04	1.9E-04	1.6E-01	3.7E-01	1.1E-05
33	3.71206	0.52	5.2E-07	7.0E-03	3.5E-04	8.9E-06	1.6E-01	3.7E-01	5.2E-07
34	6.21401	0.87	8.7E-07	7.0E-03	3.5E-04	1.5E-05	1.6E-01	3.7E-01	8.7E-07
35	2.76048	0.39	3.9E-07	7.0E-03	3.5E-04	6.6E-06	1.6E-01	3.7E-01	3.9E-07
36	2.47472	0.35	3.5E-07	7.0E-03	3.5E-04	6.0E-06	1.6E-01	3.7E-01	3.5E-07
37	2.56133	0.36	3.6E-07	7.0E-03	3.5E-04	6.2E-06	1.6E-01	3.7E-01	3.6E-07
38	4.67033	0.65	6.5E-07	7.0E-03	3.5E-04	1.1E-05	1.6E-01	3.7E-01	6.5E-07
39	9.01212	1.26	1.3E-06	7.0E-03	3.5E-04	2.2E-05	1.6E-01	3.7E-01	1.3E-06
40	8.74782	1.22	1.2E-06	7.0E-03	3.5E-04	2.1E-05	1.6E-01	3.7E-01	1.2E-06
41	4.49917	0.63	6.3E-07	7.0E-03	3.5E-04	1.1E-05	1.6E-01	3.7E-01	6.3E-07
42	2.98727	0.42	4.2E-07	7.0E-03	3.5E-04	7.2E-06	1.6E-01	3.7E-01	4.2E-07

MUIR School Project

Risk From P2P - Unmitigated School

	Max	0.32					2-16		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	1.5862	0.01	5.2E-09	4.4E-03	3.5E-04	2.4E-06	1.6E-01	1.4E-02	5.2E-09
2	1.6797	0.01	5.5E-09	4.4E-03	3.5E-04	2.5E-06	1.6E-01	1.4E-02	5.5E-09
3	1.77829	0.01	5.8E-09	4.4E-03	3.5E-04	2.7E-06	1.6E-01	1.4E-02	5.8E-09
4	2.02708	0.01	6.6E-09	4.4E-03	3.5E-04	3.1E-06	1.6E-01	1.4E-02	6.6E-09
5	2.24933	0.01	7.3E-09	4.4E-03	3.5E-04	3.4E-06	1.6E-01	1.4E-02	7.3E-09
6	2.47074	0.01	8.0E-09	4.4E-03	3.5E-04	3.7E-06	1.6E-01	1.4E-02	8.0E-09
7	2.7069	0.01	8.8E-09	4.4E-03	3.5E-04	4.1E-06	1.6E-01	1.4E-02	8.8E-09
8	3.06085	0.01	9.9E-09	4.4E-03	3.5E-04	4.6E-06	1.6E-01	1.4E-02	9.9E-09
9	1.8808	0.01	6.1E-09	4.4E-03	3.5E-04	2.8E-06	1.6E-01	1.4E-02	6.1E-09
10	2.1601	0.01	7.0E-09	4.4E-03	3.5E-04	3.3E-06	1.6E-01	1.4E-02	7.0E-09
11	2.50716	0.01	8.1E-09	4.4E-03	3.5E-04	3.8E-06	1.6E-01	1.4E-02	8.1E-09
12	2.9171	0.01	9.5E-09	4.4E-03	3.5E-04	4.4E-06	1.6E-01	1.4E-02	9.5E-09
13	3.38129	0.01	1.1E-08	4.4E-03	3.5E-04	5.1E-06	1.6E-01	1.4E-02	1.1E-08
14	3.34036	0.01	1.1E-08	4.4E-03	3.5E-04	5.0E-06	1.6E-01	1.4E-02	1.1E-08
15	3.87863	0.01	1.3E-08	4.4E-03	3.5E-04	5.9E-06	1.6E-01	1.4E-02	1.3E-08
16	4.17318	0.01	1.4E-08	4.4E-03	3.5E-04	6.3E-06	1.6E-01	1.4E-02	1.4E-08
17	6.31761	0.02	2.1E-08	4.4E-03	3.5E-04	9.5E-06	1.6E-01	1.4E-02	2.1E-08
18	10.10557	0.03	3.3E-08	4.4E-03	3.5E-04	1.5E-05	1.6E-01	1.4E-02	3.3E-08
19	8.36724	0.03	2.7E-08	4.4E-03	3.5E-04	1.3E-05	1.6E-01	1.4E-02	2.7E-08
20	12.63599	0.04	4.1E-08	4.4E-03	3.5E-04	1.9E-05	1.6E-01	1.4E-02	4.1E-08
21	23.86371	0.08	7.8E-08	4.4E-03	3.5E-04	3.6E-05	1.6E-01	1.4E-02	7.8E-08
22	36.7784	0.12	1.2E-07	4.4E-03	3.5E-04	5.6E-05	1.6E-01	1.4E-02	1.2E-07
23	15.71705	0.05	5.1E-08	4.4E-03	3.5E-04	2.4E-05	1.6E-01	1.4E-02	5.1E-08
24	12.83185	0.04	4.2E-08	4.4E-03	3.5E-04	1.9E-05	1.6E-01	1.4E-02	4.2E-08
25	9.29851	0.03	3.0E-08	4.4E-03	3.5E-04	1.4E-05	1.6E-01	1.4E-02	3.0E-08
26	6.72836	0.02	2.2E-08	4.4E-03	3.5E-04	1.0E-05	1.6E-01	1.4E-02	2.2E-08
27	5.22401	0.02	1.7E-08	4.4E-03	3.5E-04	7.9E-06	1.6E-01	1.4E-02	1.7E-08
28	4.24733	0.01	1.4E-08	4.4E-03	3.5E-04	6.4E-06	1.6E-01	1.4E-02	1.4E-08
29	33.82406	0.11	1.1E-07	4.4E-03	3.5E-04	5.1E-05	1.6E-01	1.4E-02	1.1E-07
30	34.82607	0.11	1.1E-07	4.4E-03	3.5E-04	5.3E-05	1.6E-01	1.4E-02	1.1E-07
31	85.33958	0.28	2.8E-07	4.4E-03	3.5E-04	1.3E-04	1.6E-01	1.4E-02	2.8E-07
32	96.97023	0.32	3.2E-07	4.4E-03	3.5E-04	1.5E-04	1.6E-01	1.4E-02	3.2E-07
33	2.13389	0.01	6.9E-09	4.4E-03	3.5E-04	3.2E-06	1.6E-01	1.4E-02	6.9E-09
34	3.09405	0.01	1.0E-08	4.4E-03	3.5E-04	4.7E-06	1.6E-01	1.4E-02	1.0E-08
35	1.7048	0.01	5.5E-09	4.4E-03	3.5E-04	2.6E-06	1.6E-01	1.4E-02	5.5E-09
36	1.56478	0.01	5.1E-09	4.4E-03	3.5E-04	2.4E-06	1.6E-01	1.4E-02	5.1E-09
37	1.64174	0.01	5.3E-09	4.4E-03	3.5E-04	2.5E-06	1.6E-01	1.4E-02	5.3E-09
38	2.62045	0.01	8.5E-09	4.4E-03	3.5E-04	4.0E-06	1.6E-01	1.4E-02	8.5E-09
39	4.20336	0.01	1.4E-08	4.4E-03	3.5E-04	6.3E-06	1.6E-01	1.4E-02	1.4E-08
40	3.98004	0.01	1.3E-08	4.4E-03	3.5E-04	6.0E-06	1.6E-01	1.4E-02	1.3E-08
41	2.49209	0.01	8.1E-09	4.4E-03	3.5E-04	3.8E-06	1.6E-01	1.4E-02	8.1E-09
42	1.8301	0.01	5.9E-09	4.4E-03	3.5E-04	2.8E-06	1.6E-01	1.4E-02	5.9E-09

MUIR School Project

Risk From P3 - Unmitigated School

	Max	7.58					2-16		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	53.20783	4.18	4.2E-06	7.7E-03	3.5E-04	1.4E-04	1.6E-01	1.9E-01	4.2E-06
2	83.63657	6.56	6.6E-06	7.7E-03	3.5E-04	2.2E-04	1.6E-01	1.9E-01	6.6E-06
3	71.06119	5.58	5.6E-06	7.7E-03	3.5E-04	1.9E-04	1.6E-01	1.9E-01	5.6E-06
4	70.73714	5.55	5.6E-06	7.7E-03	3.5E-04	1.9E-04	1.6E-01	1.9E-01	5.6E-06
5	73.35453	5.76	5.8E-06	7.7E-03	3.5E-04	2.0E-04	1.6E-01	1.9E-01	5.8E-06
6	80.53016	6.32	6.3E-06	7.7E-03	3.5E-04	2.2E-04	1.6E-01	1.9E-01	6.3E-06
7	59.1362	4.64	4.6E-06	7.7E-03	3.5E-04	1.6E-04	1.6E-01	1.9E-01	4.6E-06
8	61.74698	4.85	4.8E-06	7.7E-03	3.5E-04	1.7E-04	1.6E-01	1.9E-01	4.8E-06
9	85.24106	6.69	6.7E-06	7.7E-03	3.5E-04	2.3E-04	1.6E-01	1.9E-01	6.7E-06
10	96.63806	7.58	7.6E-06	7.7E-03	3.5E-04	2.6E-04	1.6E-01	1.9E-01	7.6E-06
11	79.29845	6.22	6.2E-06	7.7E-03	3.5E-04	2.1E-04	1.6E-01	1.9E-01	6.2E-06
12	70.11166	5.50	5.5E-06	7.7E-03	3.5E-04	1.9E-04	1.6E-01	1.9E-01	5.5E-06
13	62.76191	4.93	4.9E-06	7.7E-03	3.5E-04	1.7E-04	1.6E-01	1.9E-01	4.9E-06
14	59.31965	4.66	4.7E-06	7.7E-03	3.5E-04	1.6E-04	1.6E-01	1.9E-01	4.7E-06
15	87.06508	6.83	6.8E-06	7.7E-03	3.5E-04	2.3E-04	1.6E-01	1.9E-01	6.8E-06
16	58.01281	4.55	4.6E-06	7.7E-03	3.5E-04	1.6E-04	1.6E-01	1.9E-01	4.6E-06
17	32.3943	2.54	2.5E-06	7.7E-03	3.5E-04	8.7E-05	1.6E-01	1.9E-01	2.5E-06
18	19.53716	1.53	1.5E-06	7.7E-03	3.5E-04	5.2E-05	1.6E-01	1.9E-01	1.5E-06
19	19.921	1.56	1.6E-06	7.7E-03	3.5E-04	5.3E-05	1.6E-01	1.9E-01	1.6E-06
20	13.235	1.04	1.0E-06	7.7E-03	3.5E-04	3.5E-05	1.6E-01	1.9E-01	1.0E-06
21	9.76333	0.77	7.7E-07	7.7E-03	3.5E-04	2.6E-05	1.6E-01	1.9E-01	7.7E-07
22	8.04396	0.63	6.3E-07	7.7E-03	3.5E-04	2.2E-05	1.6E-01	1.9E-01	6.3E-07
23	7.1197	0.56	5.6E-07	7.7E-03	3.5E-04	1.9E-05	1.6E-01	1.9E-01	5.6E-07
24	8.55541	0.67	6.7E-07	7.7E-03	3.5E-04	2.3E-05	1.6E-01	1.9E-01	6.7E-07
25	11.39621	0.89	8.9E-07	7.7E-03	3.5E-04	3.1E-05	1.6E-01	1.9E-01	8.9E-07
26	17.01666	1.34	1.3E-06	7.7E-03	3.5E-04	4.6E-05	1.6E-01	1.9E-01	1.3E-06
27	24.92516	1.96	2.0E-06	7.7E-03	3.5E-04	6.7E-05	1.6E-01	1.9E-01	2.0E-06
28	36.73032	2.88	2.9E-06	7.7E-03	3.5E-04	9.8E-05	1.6E-01	1.9E-01	2.9E-06
29	9.24159	0.73	7.3E-07	7.7E-03	3.5E-04	2.5E-05	1.6E-01	1.9E-01	7.3E-07
30	9.65642	0.76	7.6E-07	7.7E-03	3.5E-04	2.6E-05	1.6E-01	1.9E-01	7.6E-07
31	6.87433	0.54	5.4E-07	7.7E-03	3.5E-04	1.8E-05	1.6E-01	1.9E-01	5.4E-07
32	6.64491	0.52	5.2E-07	7.7E-03	3.5E-04	1.8E-05	1.6E-01	1.9E-01	5.2E-07
33	83.22617	6.53	6.5E-06	7.7E-03	3.5E-04	2.2E-04	1.6E-01	1.9E-01	6.5E-06
34	85.17164	6.68	6.7E-06	7.7E-03	3.5E-04	2.3E-04	1.6E-01	1.9E-01	6.7E-06
35	70.76138	5.55	5.6E-06	7.7E-03	3.5E-04	1.9E-04	1.6E-01	1.9E-01	5.6E-06
36	57.15197	4.48	4.5E-06	7.7E-03	3.5E-04	1.5E-04	1.6E-01	1.9E-01	4.5E-06
37	22.82995	1.79	1.8E-06	7.7E-03	3.5E-04	6.1E-05	1.6E-01	1.9E-01	1.8E-06
38	28.35042	2.22	2.2E-06	7.7E-03	3.5E-04	7.6E-05	1.6E-01	1.9E-01	2.2E-06
39	26.39444	2.07	2.1E-06	7.7E-03	3.5E-04	7.1E-05	1.6E-01	1.9E-01	2.1E-06
40	41.68923	3.27	3.3E-06	7.7E-03	3.5E-04	1.1E-04	1.6E-01	1.9E-01	3.3E-06
41	47.89111	3.76	3.8E-06	7.7E-03	3.5E-04	1.3E-04	1.6E-01	1.9E-01	3.8E-06
42	40.82888	3.20	3.2E-06	7.7E-03	3.5E-04	1.1E-04	1.6E-01	1.9E-01	3.2E-06

8. Construction Health Risk
d. Mitigated Residential Risk

Construction Health Risk
Mitigated Residential - Assumptions and Risk Summary

MUIR School Project

Mitigated Residential - Construction Health Risk Assumptions

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1	1	1	1	no units
EF	0.958904	0.958904	0.958904	0.958904	years
Constant 1	0.000001	0.000001	0.000001	0.000001	no units
CPF	1.1	1.1	1.1	1.1	mg/kg-day-1
ASF	10	10	3	1	no units
P1Demo	0.05	0.00	0.00	0.00	years
P1SP	0.01	0.00	0.00	0.00	years
P1G	0.02	0.00	0.00	0.00	years
P1BC	0.10	0.53	0.00	0.00	years
P1P1	0.00	0.03	0.00	0.00	years
P1P2	0.00	0.03	0.00	0.00	years
P2D	0.00	0.04	0.00	0.00	years
P2BC	0.00	0.42	0.00	0.00	years
P2P	0.00	0.01	0.00	0.00	years
P3	0.00	0.12	0.17	0.00	years
AT	70	70	70	70	years
FAH	1	1	1	0.73	day
Constant 2	1,000,000	1,000,000	1,000,000	1,000,000	no units
Dose Constants:	0.000346	0.001045	0.000605	0.00025	no units
Risk Constants:	0.157143	0.157143	0.047143	0.011471	no units

Dose = (Cair X DBR X A X EF X Constant 1)

Cancer Risk = Dose X CPF x ASF x (ED/AT) X FAH

Risk per Million = Cancer Risk X Constant 2

Non-Cancer Hazard Quotent = Average Annual Concentration x Chronic Inhalation REL

Onsite	lbs/day	g/day	g/sec
	3rd Trimester		
P1Demo	0.0375	17.009714	0.0003937
P1SP	0.0401	18.189054	0.000421
P1G	0.0336	15.240704	0.0003528
P1BC	0.0177	8.0285849	0.0001858
	Birth to 2 years		
P1BC	0.0169881	7.7056648	0.0001784
P1P1	0.0121143	5.4949476	0.0001272
P1P2	0.0302857	13.737369	0.000318
P2D	0.0320625	14.543305	0.0003367
P2BC	0.0125148	5.6766354	0.0001314
P2P	0.032	14.514956	0.000336
P3	0.0375	17.009714	0.0003937
	2 to 16 years		
P3	0.0352097	15.970841	0.0003697

MUIR School Project

Mitigated Residential - Construction Health Risk Assumptions

Source Name	Description
P1Demo	Phase 1 Demolition of buildings and existing hardscape
P1SP	Phase 1 Site Preparation of areas north, east and south of soccer field
P1G	Phase 1 Grading of new building area and areas north and south of the soccer field
P1BC	Phase 1 construction of new building and architectural coating application
P1P1	Hardscape/paving of area south of the soccer field
P1P2	Hardscape/paving of area north and west of the soccer field
P2D	Phase 2 Demolition and grading activities
P2BC	Phase 2 Building construction and architectural coating activities
P2P	Phase 2 Paving activities
P3	Phase 3 Demolition, grading and paving activities

Construction activities can occur between 7 am and 7 pm Monday through Friday.

Receptor Designations

Residential #43 to 284

School

EOS	#1-13	Building use discontinued after Phase 1
POS	#14-34	Buildings onsite that are not removed
NOS	#34-42	Buildings onsite that are used after Phase 1

For school receptors risk for onsite receptors is determined by taking the max of the following scenarios

1. Sum of risk from all 3 phases for the POS receptors.
2. Max of EOS receptor for Phase 1 and NOS receptors for Phase 2 & 3
3. Max of EOS receptors for Phase 1 & 2 and NOS receptors for Phase 3

MUIR School Project
Mitigated Residential - Emissions

Phase	Start	End	# days	lbs/day PM10
Phase 1				
Demolition	06/01/20	06/26/20	20	0.0375
Site Preparation	06/27/20	07/01/20	3	0.0401
Grading	07/02/20	07/09/20	6	0.0336
Building Construction	07/10/20	05/13/21	220	0.0177
Paving	05/14/21	05/27/21	10	0.0424
Architectural Coating	05/28/21	06/10/21	10	0.00396
Phase 2				
Demolition	07/01/21	08/11/21	30	0.0375
Grading	08/12/21	08/19/21	6	0.023
Building Construction	09/01/21	05/03/22	150	0.0128
Paving	09/01/21	09/07/21	5	0.032
Architectural Coating	05/01/22	05/06/22	5	0.00396
Phase 3				
Demolition	07/01/22	11/03/22	90	0.0375
Grading	11/04/22	11/08/22	6	0.023
Paving	11/12/22	11/25/22	10	0.032

Source	# Volume Sources	% Volume Sources
P1P1	10	0.28571429
P1P2	25	0.71428571

Source: *ESA Caleemod Modeling Spreadsheet*

Residential Risk CalEEMod Phase	Start	End	Days	3rd 6/1/2020 - 8/31/2020	B-2 9/1/2020 - 8/31/2022	2-16 9/1/2022 - 12/31/2022	Lbs/day	Source
Phase 1								
Demolition	6/1/2020	6/26/2020	20	20	0	0	0.0375	P1Demo
Site Preparation	6/27/2020	7/1/2020	3	3	0	0	0.0401	P1SP
Grading	7/2/2020	7/9/2020	6	6	0	0	0.0336	P1G
Building Construction	7/10/2020	5/13/2021	220	37	183	0	0.0177	P1BC
Paving	5/14/2021	5/27/2021	10	0	10	0	0.0424	P1P1, P1P2
Architectural Coating	5/28/2021	6/10/2021	10	0	10	0	0.00396	P1BC
Phase 2								
Demolition	7/1/2021	8/11/2021	30	0	10	0	0.0375	P2D
Grading	8/12/2021	8/19/2021	6	0	6	0	0.023	P2D
Building Construction	9/1/2021	5/3/2022	150	0	150	0	0.0128	P2BC
Paving	9/1/2021	9/7/2021	5	0	5	0	0.032	P2P
Architectural Coating	5/1/2022	5/6/2022	5	0	5	0	0.00396	P2BC
Phase 3								
Demolition	7/1/2022	11/3/2022	90	0	44	46	0.0375	P3
Grading	11/4/2022	11/8/2022	6	0	0	6	0.023	P3
Paving	11/12/2022	11/25/2022	10	0	0	10	0.032	P3

Source	Days 3rd	Average lbs/day	Days B-2	Total Lbs B-2	Average lbs/day	Days 2-16	Total lbs 2-16	Average lbs/day
P1Demo	20	**0.0375**	0		-	0		-
P1SP	3	**0.0401**	0		-	0		-
P1G	6	**0.0336**	0		-	0		-
P1BC	37	**0.0177**	193	3.2787	**0.01698808**	0		-
P1P1	0	-	10	0.12114286	**0.01211429**	0		-
P1P2	0	-	10	0.30285714	**0.03028571**	0		-
P2D	0	-	16	0.513	**0.0320625**	0		-
P2BC	0	-	155	1.9398	**0.01251484**	0		-
P2P	0	-	5		**0.032**	0		-
P3	0	-	44		**0.0375**	62	2.183	**0.03520968**

MUIR School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

			132 Receptor			132 Receptor					188 Receptor			165 Receptor	
			0.77 Max			0.64 Max P1					0.52 Max P2			0.30 Max P3	
Receptor #	X	Y	Total	P1 total	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2 Total	P2D	P2BC	P2P	P3
43	379060	3782955	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	379110	3782955	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	379160	3782955	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	379210	3782955	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	379260	3782955	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	379310	3782955	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
49	378510	3783005	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
50	378560	3783005	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
51	378610	3783005	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
52	378660	3783005	0.03	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.01
53	378710	3783005	0.03	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.01
54	378760	3783005	0.03	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.01
55	378960	3783005	0.03	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.01
56	379010	3783005	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01
57	379060	3783005	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01
58	379110	3783005	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01
59	379160	3783005	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01
60	379210	3783005	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
61	379260	3783005	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62	379310	3783005	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	379360	3783005	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	378460	3783055	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
65	378510	3783055	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
66	378560	3783055	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
67	378610	3783055	0.03	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.01
68	378660	3783055	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.01
69	378710	3783055	0.04	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.01
70	379010	3783055	0.05	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
71	379060	3783055	0.05	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
72	379110	3783055	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
73	379160	3783055	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
74	379210	3783055	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
75	379260	3783055	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01
76	379310	3783055	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77	379360	3783055	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78	379410	3783055	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
79	378460	3783105	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
80	378510	3783105	0.03	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.01
81	378560	3783105	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.01
82	378610	3783105	0.05	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
83	378660	3783105	0.06	0.03	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.01	0.00	0.01
84	379060	3783105	0.06	0.04	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.01	0.00	0.02
85	379110	3783105	0.07	0.04	0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.01	0.00	0.02
86	379160	3783105	0.07	0.04	0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.01	0.00	0.02

MUIR School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

			132 Receptor			132 Receptor					188 Receptor			165 Receptor	
87	379210	3783105	0.04	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
88	379260	3783105	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
89	379310	3783105	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
90	379360	3783105	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
91	379410	3783105	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
92	379460	3783105	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93	378460	3783155	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
94	378510	3783155	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
95	378560	3783155	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01
96	378610	3783155	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.01
97	378660	3783155	0.05	0.03	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.01	0.00	0.02
98	379110	3783155	0.07	0.04	0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.01	0.00	0.02
99	379160	3783155	0.09	0.06	0.00	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.01	0.00	0.02
100	379210	3783155	0.11	0.07	0.00	0.00	0.00	0.06	0.00	0.00	0.01	0.00	0.01	0.00	0.03
101	379260	3783155	0.11	0.08	0.00	0.00	0.00	0.06	0.00	0.00	0.01	0.00	0.01	0.00	0.03
102	379310	3783155	0.11	0.07	0.00	0.00	0.00	0.06	0.00	0.00	0.01	0.00	0.01	0.00	0.02
103	379360	3783155	0.07	0.05	0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.01	0.00	0.02
104	379410	3783155	0.05	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
105	379460	3783155	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
106	379510	3783155	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
107	378410	3783205	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
108	378460	3783205	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
109	378510	3783205	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
110	378560	3783205	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
111	378610	3783205	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.01
112	379160	3783205	0.05	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.02
113	379210	3783205	0.07	0.04	0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.01	0.00	0.02
114	379260	3783205	0.11	0.07	0.00	0.00	0.00	0.06	0.00	0.00	0.01	0.00	0.01	0.00	0.03
115	379310	3783205	0.17	0.11	0.01	0.00	0.00	0.10	0.00	0.00	0.01	0.00	0.01	0.00	0.04
116	379360	3783205	0.22	0.15	0.01	0.00	0.00	0.13	0.01	0.00	0.01	0.00	0.01	0.00	0.05
117	379410	3783205	0.23	0.17	0.01	0.00	0.00	0.14	0.02	0.00	0.02	0.00	0.01	0.00	0.04
118	379460	3783205	0.20	0.14	0.01	0.00	0.00	0.11	0.01	0.00	0.02	0.00	0.01	0.00	0.04
119	379510	3783205	0.10	0.06	0.00	0.00	0.00	0.05	0.00	0.00	0.02	0.00	0.01	0.00	0.02
120	379560	3783205	0.08	0.04	0.00	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.01	0.00	0.02
121	378410	3783255	0.06	0.03	0.00	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.01	0.00	0.01
122	378460	3783255	0.05	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
123	378510	3783255	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
124	378560	3783255	0.04	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
125	379210	3783255	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
126	379260	3783255	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01
127	379310	3783255	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
128	379360	3783255	0.06	0.03	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.01	0.00	0.02
129	379410	3783255	0.10	0.05	0.00	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.01	0.00	0.04
130	379460	3783255	0.19	0.11	0.01	0.00	0.00	0.09	0.00	0.00	0.01	0.00	0.01	0.00	0.07
131	379510	3783255	0.43	0.29	0.01	0.00	0.00	0.27	0.01	0.00	0.02	0.00	0.01	0.00	0.12
132	379560	3783255	0.77	0.64	0.03	0.00	0.01	0.56	0.03	0.00	0.02	0.00	0.02	0.00	0.11

MUIR School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

			132 Receptor			132 Receptor					188 Receptor			165 Receptor	
133	379610	3783255	0.12	0.07	0.00	0.00	0.00	0.06	0.00	0.01	0.03	0.01	0.02	0.00	0.02
134	378360	3783305	0.09	0.05	0.00	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.02	0.00	0.02
135	378410	3783305	0.07	0.04	0.00	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.01	0.00	0.01
136	378460	3783305	0.06	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.01	0.00	0.01
137	378510	3783305	0.05	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
138	379260	3783305	0.04	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
139	379310	3783305	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
140	379360	3783305	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01
141	379410	3783305	0.05	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.02
142	379460	3783305	0.07	0.04	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.01	0.00	0.03
143	379510	3783305	0.13	0.06	0.00	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.01	0.00	0.06
144	379560	3783305	0.35	0.14	0.01	0.00	0.00	0.13	0.00	0.00	0.02	0.00	0.01	0.00	0.19
145	379610	3783305	0.14	0.08	0.00	0.00	0.00	0.06	0.00	0.01	0.04	0.01	0.03	0.00	0.02
146	379660	3783305	0.10	0.05	0.00	0.00	0.00	0.04	0.00	0.01	0.03	0.01	0.02	0.00	0.02
147	378360	3783355	0.08	0.04	0.00	0.00	0.00	0.03	0.00	0.00	0.03	0.01	0.02	0.00	0.01
148	378410	3783355	0.06	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.01	0.00	0.01
149	378460	3783355	0.05	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.01	0.00	0.01
150	379260	3783355	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
151	379310	3783355	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
152	379360	3783355	0.07	0.03	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.01	0.00	0.03
153	379410	3783355	0.13	0.06	0.00	0.00	0.00	0.05	0.00	0.00	0.02	0.00	0.01	0.00	0.06
154	379460	3783355	0.32	0.11	0.01	0.00	0.00	0.10	0.00	0.00	0.02	0.00	0.02	0.00	0.18
155	379510	3783355	0.12	0.06	0.00	0.00	0.00	0.04	0.00	0.01	0.04	0.01	0.03	0.00	0.02
156	379560	3783355	0.09	0.04	0.00	0.00	0.00	0.03	0.00	0.00	0.03	0.01	0.02	0.00	0.01
157	379610	3783355	0.07	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.02	0.00	0.01
158	379660	3783355	0.05	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.01	0.00	0.01
159	379710	3783355	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
160	378360	3783405	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
161	378410	3783405	0.05	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.02
162	379210	3783405	0.07	0.03	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.01	0.00	0.03
163	379260	3783405	0.11	0.05	0.00	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.01	0.00	0.05
164	379310	3783405	0.21	0.08	0.00	0.00	0.00	0.07	0.00	0.00	0.03	0.01	0.02	0.00	0.10
165	379360	3783405	0.49	0.14	0.01	0.00	0.00	0.12	0.00	0.01	0.06	0.01	0.05	0.00	0.30
166	379410	3783405	0.12	0.06	0.00	0.00	0.00	0.04	0.00	0.01	0.05	0.01	0.03	0.00	0.02
167	379460	3783405	0.09	0.04	0.00	0.00	0.00	0.03	0.00	0.00	0.03	0.01	0.02	0.00	0.01
168	379510	3783405	0.07	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.01	0.02	0.00	0.01
169	379560	3783405	0.05	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.01	0.00	0.01
170	379610	3783405	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
171	379660	3783405	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
172	379710	3783405	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01
173	379160	3783455	0.06	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.02
174	379210	3783455	0.09	0.04	0.00	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.02	0.00	0.03
175	379260	3783455	0.14	0.05	0.00	0.00	0.00	0.04	0.00	0.00	0.03	0.01	0.03	0.00	0.05
176	379310	3783455	0.23	0.08	0.01	0.00	0.00	0.06	0.00	0.01	0.07	0.01	0.05	0.00	0.09
177	379360	3783455	0.28	0.09	0.01	0.00	0.00	0.06	0.00	0.02	0.16	0.04	0.10	0.01	0.03
178	379410	3783455	0.17	0.07	0.00	0.00	0.00	0.05	0.00	0.01	0.08	0.02	0.06	0.01	0.02

MUIR School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

			132 Receptor			132 Receptor					188 Receptor			165 Receptor	
179	379460	3783455	0.12	0.05	0.00	0.00	0.00	0.04	0.00	0.01	0.05	0.01	0.04	0.00	0.02
180	379510	3783455	0.09	0.04	0.00	0.00	0.00	0.03	0.00	0.00	0.04	0.01	0.02	0.00	0.01
181	379560	3783455	0.07	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.01	0.02	0.00	0.01
182	379610	3783455	0.05	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.01	0.00	0.01
183	379660	3783455	0.04	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.01	0.00	0.01
184	379110	3783505	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
185	379160	3783505	0.10	0.04	0.00	0.00	0.00	0.03	0.00	0.00	0.03	0.01	0.02	0.00	0.03
186	379210	3783505	0.15	0.05	0.00	0.00	0.00	0.04	0.00	0.00	0.06	0.01	0.05	0.00	0.04
187	379260	3783505	0.24	0.06	0.00	0.00	0.00	0.05	0.00	0.01	0.13	0.02	0.11	0.01	0.05
188	379310	3783505	0.64	0.08	0.01	0.00	0.00	0.06	0.00	0.01	0.52	0.15	0.30	0.07	0.04
189	379360	3783505	0.38	0.07	0.01	0.00	0.00	0.05	0.00	0.01	0.28	0.08	0.16	0.04	0.03
190	379410	3783505	0.23	0.06	0.00	0.00	0.00	0.04	0.00	0.01	0.14	0.04	0.09	0.01	0.03
191	379460	3783505	0.15	0.05	0.00	0.00	0.00	0.04	0.00	0.01	0.08	0.02	0.05	0.01	0.02
192	379510	3783505	0.11	0.04	0.00	0.00	0.00	0.03	0.00	0.01	0.05	0.01	0.04	0.00	0.02
193	379560	3783505	0.08	0.03	0.00	0.00	0.00	0.03	0.00	0.00	0.04	0.01	0.02	0.00	0.01
194	379060	3783555	0.06	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.01	0.02	0.00	0.01
195	379110	3783555	0.05	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.01	0.00	0.01
196	379160	3783555	0.04	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
197	379210	3783555	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
198	379260	3783555	0.05	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.01	0.00	0.02
199	379310	3783555	0.07	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.00	0.02	0.00	0.02
200	379360	3783555	0.10	0.03	0.00	0.00	0.00	0.03	0.00	0.00	0.04	0.01	0.03	0.00	0.02
201	379410	3783555	0.13	0.04	0.00	0.00	0.00	0.03	0.00	0.00	0.07	0.01	0.05	0.00	0.03
202	379460	3783555	0.18	0.04	0.00	0.00	0.00	0.03	0.00	0.00	0.11	0.02	0.08	0.01	0.03
203	379510	3783555	0.21	0.05	0.00	0.00	0.00	0.03	0.00	0.01	0.14	0.03	0.10	0.01	0.03
204	378660	3783605	0.20	0.05	0.00	0.00	0.00	0.03	0.00	0.01	0.13	0.03	0.08	0.01	0.02
205	378710	3783605	0.15	0.04	0.00	0.00	0.00	0.03	0.00	0.01	0.09	0.02	0.06	0.01	0.02
206	379010	3783605	0.12	0.04	0.00	0.00	0.00	0.03	0.00	0.00	0.06	0.01	0.04	0.01	0.02
207	379060	3783605	0.09	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.05	0.01	0.03	0.00	0.01
208	379110	3783605	0.07	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.01	0.02	0.00	0.01
209	379160	3783605	0.06	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.01	0.02	0.00	0.01
210	379210	3783605	0.05	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.01	0.00	0.01
211	379260	3783605	0.04	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
212	379310	3783605	0.03	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
213	379360	3783605	0.04	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
214	379410	3783605	0.05	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.01	0.00	0.01
215	379460	3783605	0.07	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.00	0.02	0.00	0.02
216	378460	3783655	0.08	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.04	0.01	0.03	0.00	0.02
217	378510	3783655	0.10	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.05	0.01	0.04	0.00	0.02
218	378560	3783655	0.11	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.06	0.01	0.04	0.00	0.02
219	378610	3783655	0.11	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.06	0.01	0.04	0.01	0.02
220	378660	3783655	0.10	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.06	0.01	0.04	0.00	0.01
221	378710	3783655	0.09	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.05	0.01	0.03	0.00	0.01
222	378760	3783655	0.07	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.04	0.01	0.03	0.00	0.01
223	378960	3783655	0.06	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.01	0.02	0.00	0.01
224	379010	3783655	0.05	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.02	0.00	0.01

MUIR School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

			132 Receptor			132 Receptor					188 Receptor			165 Receptor	
225	379060	3783655	0.04	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
226	379110	3783655	0.04	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
227	379160	3783655	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
228	379210	3783655	0.04	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
229	379260	3783655	0.05	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
230	379310	3783655	0.06	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.02	0.00	0.01
231	379360	3783655	0.06	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.01	0.02	0.00	0.01
232	379410	3783655	0.07	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.01	0.03	0.00	0.01
233	378310	3783705	0.07	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.04	0.01	0.03	0.00	0.01
234	378360	3783705	0.07	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.01	0.02	0.00	0.01
235	378410	3783705	0.06	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.01	0.02	0.00	0.01
236	378460	3783705	0.06	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.01	0.02	0.00	0.01
237	378510	3783705	0.05	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.02	0.00	0.01
238	378560	3783705	0.04	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
239	378610	3783705	0.04	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
240	378660	3783705	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
241	378710	3783705	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
242	378760	3783705	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
243	378810	3783705	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
244	378860	3783705	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
245	378910	3783705	0.04	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
246	378960	3783705	0.04	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
247	379010	3783705	0.05	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
248	379060	3783705	0.05	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.02	0.00	0.01
249	379110	3783705	0.05	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.02	0.00	0.01
250	379160	3783705	0.05	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.02	0.00	0.01
251	379210	3783705	0.05	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.02	0.00	0.01
252	379260	3783705	0.04	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
253	379310	3783705	0.04	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
254	379360	3783705	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
255	378360	3783755	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
256	378410	3783755	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
257	378460	3783755	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00
258	378510	3783755	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
259	378560	3783755	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
260	378610	3783755	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
261	378660	3783755	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
262	378710	3783755	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
263	378760	3783755	0.04	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
264	378810	3783755	0.04	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
265	378860	3783755	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
266	378910	3783755	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01
267	378960	3783755	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
268	379010	3783755	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
269	379060	3783755	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
270	379110	3783755	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00

MUIR School Project

Mitigated Residential - Residential Construction Cancer Risk Summary

			132	Receptor		132	Receptor				188	Receptor		165	Receptor
271	379160	3783755	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00
272	379210	3783755	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00
273	379260	3783755	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
274	379310	3783755	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
275	378410	3783805	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
276	378460	3783805	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
277	378510	3783805	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
278	378560	3783805	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
279	378610	3783805	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01
280	378660	3783805	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00
281	378710	3783805	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00
282	378760	3783805	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00
283	378810	3783805	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00
284	378860	3783805	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00

MUIR School Project

Mitigated Residential - Residential Construction Health Impact Assessment

188	Receptor
0.01	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
1	7.01E-03	0.001062	0.000247	0.000761	0.000657	0.000136	0.00025	0.000143	6.68E-05	0.000107	0.003576
2	1.04E-02	0.001555	0.00029	0.001098	0.000999	0.000166	0.000292	0.000154	7.19E-05	0.000113	0.00562
3	8.24E-03	0.001048	0.000254	0.000753	0.000627	0.000131	0.000295	0.000164	7.73E-05	0.000119	0.004775
4	8.26E-03	0.001026	0.00026	0.000739	0.000582	0.000125	0.000352	0.000192	9.17E-05	0.000136	0.004753
5	8.47E-03	0.001008	0.000264	0.000727	0.000546	0.00012	0.000397	0.000218	0.000105	0.000151	0.004929
6	9.01E-03	0.000999	0.000268	0.000722	0.000513	0.000115	0.000451	0.000245	0.000119	0.000166	0.005412
7	7.57E-03	0.000967	0.000269	0.000701	0.000473	0.000109	0.000487	0.000273	0.000135	0.000182	0.003974
8	7.85E-03	0.000957	0.000273	0.000695	0.000434	0.000103	0.000557	0.000318	0.000159	0.000206	0.004149
9	1.05E-02	0.00152	0.0003	0.001078	0.000944	0.000162	0.000351	0.000177	8.33E-05	0.000126	0.005728
10	1.11E-02	0.001426	0.000307	0.001014	0.000827	0.000153	0.000435	0.00021	0.0001	0.000145	0.006494
11	9.95E-03	0.001373	0.000314	0.000978	0.000728	0.000141	0.000544	0.000253	0.000122	0.000168	0.005329
12	9.51E-03	0.001374	0.000323	0.00098	0.000661	0.000133	0.000676	0.000307	0.000151	0.000196	0.004711
13	9.27E-03	0.001392	0.000333	0.000994	0.000605	0.000125	0.000822	0.000373	0.000185	0.000227	0.004218
14	7.81E-03	0.000966	0.000279	0.000702	0.00042	0.000101	0.000602	0.000355	0.000179	0.000224	0.003986
15	1.26E-02	0.001917	0.000394	0.00135	0.000748	0.00014	0.001262	0.000461	0.000228	0.000261	0.005851
16	1.54E-02	0.003419	0.000526	0.002368	0.001324	0.000184	0.002657	0.000527	0.000253	0.00028	0.003898
17	1.42E-02	0.00349	0.000564	0.001966	0.000733	0.000143	0.003169	0.00104	0.000491	0.000425	0.002177
18	1.28E-02	0.002347	0.000572	0.001661	0.000455	0.000113	0.002535	0.002017	0.00112	0.000679	0.001313
19	8.39E-03	0.001319	0.000388	0.000968	0.000346	9.28E-05	0.001341	0.001297	0.000736	0.000562	0.001339
20	8.50E-03	0.000994	0.000367	0.000747	0.000264	7.97E-05	0.001053	0.001909	0.001352	0.000849	0.000889
21	1.06E-02	0.00085	0.00038	0.000658	0.000224	7.32E-05	0.000961	0.002917	0.002303	0.001604	0.000656
22	1.15E-02	0.000695	0.000354	0.00055	0.000193	6.68E-05	0.000798	0.003294	0.002501	0.002471	0.000541
23	5.48E-03	0.000477	0.000247	0.000378	0.000155	5.53E-05	0.00049	0.001298	0.000843	0.001056	0.000478
24	5.51E-03	0.000545	0.00026	0.000425	0.000175	5.98E-05	0.000549	0.001222	0.000837	0.000862	0.000575
25	5.38E-03	0.000645	0.000272	0.000494	0.000208	6.65E-05	0.000624	0.001015	0.000662	0.000625	0.000766
26	5.58E-03	0.000793	0.000287	0.000594	0.00026	7.6E-05	0.000724	0.000791	0.000463	0.000452	0.001144
27	5.89E-03	0.000874	0.000287	0.000647	0.000307	8.39E-05	0.00073	0.000606	0.000331	0.000351	0.001675
28	6.48E-03	0.000914	0.000283	0.000672	0.00035	9.05E-05	0.000689	0.000475	0.000249	0.000285	0.002468
29	1.81E-02	0.001611	0.001252	0.001424	0.000321	0.000105	0.002795	0.005214	0.002509	0.002273	0.000621
30	1.88E-02	0.001552	0.000916	0.001273	0.000306	9.84E-05	0.002307	0.005598	0.003767	0.00234	0.000649
31	1.88E-02	0.000844	0.000619	0.000734	0.000212	7.74E-05	0.001236	0.006032	0.002858	0.005735	0.000462
32	1.92E-02	0.000879	0.000765	0.000808	0.000221	8.24E-05	0.001428	0.006043	0.002058	0.006516	0.000447
33	1.64E-02	0.00386	0.000475	0.002626	0.002553	0.000292	0.000532	0.000209	9.76E-05	0.000143	0.005593
34	1.56E-02	0.003332	0.00048	0.002301	0.001642	0.000215	0.001219	0.000342	0.000163	0.000208	0.005723
35	1.24E-02	0.002452	0.000462	0.001919	0.001797	0.000328	0.000342	0.000158	7.25E-05	0.000115	0.004755
36	1.15E-02	0.002743	0.000426	0.001867	0.001742	0.000308	0.000289	0.000142	6.5E-05	0.000105	0.003841
37	1.45E-02	0.004247	0.001371	0.00296	0.002401	0.001367	0.000338	0.000149	6.73E-05	0.00011	0.001534
38	1.72E-02	0.005075	0.00106	0.003845	0.003029	0.000707	0.000973	0.000266	0.000123	0.000176	0.001905
39	1.76E-02	0.004908	0.001003	0.003439	0.002505	0.000336	0.002597	0.000509	0.000237	0.000282	0.001774
40	1.61E-02	0.0041	0.000693	0.003107	0.001923	0.000258	0.002271	0.000487	0.00023	0.000267	0.002801
41	1.52E-02	0.003952	0.000684	0.002792	0.002787	0.000426	0.000844	0.000254	0.000118	0.000167	0.003218
42	1.59E-02	0.004755	0.000725	0.003244	0.003061	0.000593	0.000414	0.000171	7.85E-05	0.000123	0.002744
43	1.29E-04	1.95E-05	1.75E-05	1.69E-05	9.93E-06	6.66E-06	1.26E-05	1.15E-05	4.76E-06	1.08E-05	1.9E-05
44	1.47E-04	2.24E-05	1.99E-05	1.94E-05	1.15E-05	7.77E-06	1.41E-05	1.28E-05	5.28E-06	1.19E-05	2.19E-05

MUIR School Project

Mitigated Residential - Residential Construction Health Impact Assessment

188	Receptor
0.01	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
45	1.68E-04	2.58E-05	2.3E-05	2.25E-05	1.34E-05	9.16E-06	1.59E-05	1.42E-05	5.87E-06	1.31E-05	2.51E-05
46	1.93E-04	2.99E-05	2.67E-05	2.61E-05	1.56E-05	1.09E-05	1.81E-05	1.57E-05	6.53E-06	1.45E-05	2.9E-05
47	2.22E-04	3.47E-05	3.12E-05	3.04E-05	1.83E-05	1.31E-05	2.04E-05	1.74E-05	7.24E-06	1.6E-05	3.32E-05
48	2.55E-04	4.01E-05	3.66E-05	3.53E-05	2.14E-05	1.58E-05	2.31E-05	1.92E-05	7.99E-06	1.75E-05	3.77E-05
49	2.91E-04	4.6E-05	4.3E-05	4.08E-05	2.47E-05	1.91E-05	2.59E-05	2.11E-05	8.78E-06	1.92E-05	4.22E-05
50	3.28E-04	5.19E-05	5.02E-05	4.65E-05	2.8E-05	2.28E-05	2.89E-05	2.3E-05	9.56E-06	2.08E-05	4.64E-05
51	3.65E-04	5.75E-05	5.81E-05	5.22E-05	3.12E-05	2.66E-05	3.18E-05	2.49E-05	1.03E-05	2.24E-05	5.01E-05
52	4.00E-04	6.26E-05	6.6E-05	5.74E-05	3.41E-05	3.03E-05	3.46E-05	2.66E-05	1.1E-05	2.4E-05	5.34E-05
53	4.31E-04	6.69E-05	7.34E-05	6.19E-05	3.65E-05	3.36E-05	3.71E-05	2.82E-05	1.17E-05	2.54E-05	5.58E-05
54	4.53E-04	6.99E-05	7.96E-05	6.51E-05	3.8E-05	3.6E-05	3.93E-05	2.96E-05	1.22E-05	2.67E-05	5.69E-05
55	4.57E-04	6.78E-05	8.57E-05	6.38E-05	3.57E-05	3.42E-05	4.26E-05	3.23E-05	1.32E-05	2.93E-05	5.21E-05
56	4.42E-04	6.46E-05	8.38E-05	6.08E-05	3.36E-05	3.17E-05	4.24E-05	3.27E-05	1.33E-05	2.99E-05	4.9E-05
57	4.18E-04	6.02E-05	7.95E-05	5.66E-05	3.09E-05	2.85E-05	4.14E-05	3.24E-05	1.31E-05	3E-05	4.53E-05
58	3.90E-04	5.55E-05	7.39E-05	5.21E-05	2.81E-05	2.53E-05	3.96E-05	3.18E-05	1.27E-05	2.96E-05	4.16E-05
59	3.60E-04	5.06E-05	6.77E-05	4.74E-05	2.53E-05	2.22E-05	3.75E-05	3.07E-05	1.22E-05	2.89E-05	3.78E-05
60	3.31E-04	4.59E-05	6.14E-05	4.3E-05	2.27E-05	1.95E-05	3.5E-05	2.94E-05	1.17E-05	2.79E-05	3.43E-05
61	1.62E-04	2.47E-05	2.15E-05	2.14E-05	1.27E-05	8.45E-06	1.55E-05	1.4E-05	5.8E-06	1.3E-05	2.47E-05
62	1.89E-04	2.92E-05	2.52E-05	2.53E-05	1.52E-05	1.02E-05	1.78E-05	1.58E-05	6.55E-06	1.45E-05	2.93E-05
63	2.22E-04	3.47E-05	2.98E-05	3.01E-05	1.82E-05	1.24E-05	2.05E-05	1.77E-05	7.39E-06	1.62E-05	3.46E-05
64	2.61E-04	4.14E-05	3.56E-05	3.6E-05	2.2E-05	1.54E-05	2.36E-05	1.99E-05	8.33E-06	1.81E-05	4.09E-05
65	3.09E-04	4.95E-05	4.3E-05	4.32E-05	2.67E-05	1.93E-05	2.71E-05	2.24E-05	9.37E-06	2.02E-05	4.79E-05
66	3.64E-04	5.88E-05	5.23E-05	5.19E-05	3.21E-05	2.45E-05	3.12E-05	2.5E-05	1.05E-05	2.25E-05	5.53E-05
67	4.25E-04	6.89E-05	6.39E-05	6.16E-05	3.79E-05	3.08E-05	3.58E-05	2.77E-05	1.16E-05	2.48E-05	6.24E-05
68	4.88E-04	7.87E-05	7.72E-05	7.15E-05	4.36E-05	3.82E-05	4.03E-05	3.04E-05	1.27E-05	2.71E-05	6.87E-05
69	5.48E-04	8.73E-05	9.12E-05	8.08E-05	4.86E-05	4.55E-05	4.46E-05	3.29E-05	1.37E-05	2.93E-05	7.38E-05
70	5.98E-04	9.42E-05	0.000105	8.84E-05	5.25E-05	5.19E-05	4.84E-05	3.53E-05	1.47E-05	3.13E-05	7.72E-05
71	6.33E-04	9.82E-05	0.000115	9.32E-05	5.44E-05	5.58E-05	5.2E-05	3.73E-05	1.55E-05	3.32E-05	7.79E-05
72	5.23E-04	7.45E-05	0.000104	7.06E-05	3.8E-05	3.58E-05	5.24E-05	4.02E-05	1.62E-05	3.7E-05	5.45E-05
73	4.75E-04	6.67E-05	9.31E-05	6.3E-05	3.35E-05	3.04E-05	4.91E-05	3.89E-05	1.56E-05	3.62E-05	4.87E-05
74	4.29E-04	5.94E-05	8.27E-05	5.59E-05	2.94E-05	2.58E-05	4.55E-05	3.71E-05	1.47E-05	3.49E-05	4.34E-05
75	3.85E-04	5.28E-05	7.29E-05	4.95E-05	2.58E-05	2.2E-05	4.17E-05	3.5E-05	1.38E-05	3.33E-05	3.86E-05
76	1.60E-04	2.44E-05	2.09E-05	2.11E-05	1.25E-05	8.15E-06	1.53E-05	1.4E-05	5.81E-06	1.3E-05	2.48E-05
77	1.97E-04	3.05E-05	2.57E-05	2.63E-05	1.58E-05	1.03E-05	1.85E-05	1.65E-05	6.87E-06	1.52E-05	3.13E-05
78	2.44E-04	3.85E-05	3.19E-05	3.31E-05	2.02E-05	1.33E-05	2.24E-05	1.94E-05	8.12E-06	1.77E-05	3.97E-05
79	3.09E-04	4.97E-05	4.05E-05	4.27E-05	2.66E-05	1.78E-05	2.73E-05	2.29E-05	9.64E-06	2.07E-05	5.12E-05
80	3.79E-04	6.2E-05	5.05E-05	5.36E-05	3.38E-05	2.34E-05	3.24E-05	2.62E-05	1.11E-05	2.35E-05	6.28E-05
81	4.67E-04	7.74E-05	6.41E-05	6.75E-05	4.3E-05	3.16E-05	3.82E-05	2.99E-05	1.27E-05	2.66E-05	7.56E-05
82	5.74E-04	9.59E-05	8.29E-05	8.51E-05	5.41E-05	4.32E-05	4.53E-05	3.39E-05	1.43E-05	2.99E-05	8.89E-05
83	6.91E-04	0.000115	0.000107	0.000105	6.54E-05	5.87E-05	5.26E-05	3.8E-05	1.6E-05	3.32E-05	0.0001
84	8.07E-04	0.000131	0.000135	0.000123	7.53E-05	7.59E-05	5.99E-05	4.19E-05	1.76E-05	3.65E-05	0.000109
85	9.00E-04	0.000143	0.000163	0.000138	8.19E-05	9.04E-05	6.63E-05	4.55E-05	1.91E-05	3.96E-05	0.000113
86	9.49E-04	0.000147	0.000184	0.000144	8.33E-05	9.66E-05	7.19E-05	4.86E-05	2.04E-05	4.24E-05	0.000111
87	6.54E-04	9.16E-05	0.000136	8.73E-05	4.62E-05	4.38E-05	6.73E-05	5.07E-05	2.04E-05	4.66E-05	6.49E-05
88	5.76E-04	7.94E-05	0.000117	7.54E-05	3.93E-05	3.56E-05	6.14E-05	4.82E-05	1.92E-05	4.49E-05	5.64E-05

MUIR School Project

Mitigated Residential - Residential Construction Health Impact Assessment

188	Receptor
0.01	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
89	5.06E-04	6.88E-05	9.97E-05	6.5E-05	3.35E-05	2.91E-05	5.53E-05	4.51E-05	1.78E-05	4.26E-05	4.9E-05
90	4.44E-04	5.96E-05	8.52E-05	5.62E-05	2.86E-05	2.41E-05	4.94E-05	4.18E-05	1.63E-05	3.99E-05	4.27E-05
91	3.89E-04	5.16E-05	7.27E-05	4.86E-05	2.46E-05	2.01E-05	4.38E-05	3.83E-05	1.49E-05	3.7E-05	3.72E-05
92	1.89E-04	2.91E-05	2.41E-05	2.49E-05	1.49E-05	9.46E-06	1.8E-05	1.64E-05	6.85E-06	1.51E-05	3.05E-05
93	2.31E-04	3.61E-05	2.92E-05	3.08E-05	1.88E-05	1.19E-05	2.15E-05	1.91E-05	8.02E-06	1.75E-05	3.84E-05
94	2.83E-04	4.49E-05	3.54E-05	3.82E-05	2.37E-05	1.5E-05	2.56E-05	2.21E-05	9.33E-06	2E-05	4.84E-05
95	3.64E-04	5.92E-05	4.54E-05	5.03E-05	3.19E-05	2.03E-05	3.16E-05	2.64E-05	1.12E-05	2.36E-05	6.45E-05
96	4.68E-04	7.8E-05	5.85E-05	6.63E-05	4.3E-05	2.79E-05	3.87E-05	3.09E-05	1.32E-05	2.74E-05	8.44E-05
97	6.09E-04	0.000104	7.76E-05	8.9E-05	5.88E-05	4.02E-05	4.71E-05	3.62E-05	1.55E-05	3.17E-05	0.000109
98	8.11E-04	0.000142	0.000109	0.000124	8.23E-05	6.18E-05	5.87E-05	4.24E-05	1.81E-05	3.66E-05	0.000137
99	1.06E-03	0.000185	0.000157	0.000168	0.000109	9.83E-05	7.13E-05	4.88E-05	2.09E-05	4.18E-05	0.000162
100	1.33E-03	0.000223	0.000225	0.000216	0.000133	0.00015	8.43E-05	5.52E-05	2.36E-05	4.7E-05	0.000177
101	1.53E-03	0.000241	0.000293	0.000248	0.000144	0.000195	9.55E-05	6.08E-05	2.59E-05	5.18E-05	0.000179
102	1.59E-03	0.000239	0.00034	0.00025	0.000139	0.000199	0.000106	6.61E-05	2.8E-05	5.62E-05	0.000168
103	1.13E-03	0.000159	0.000262	0.000156	8.31E-05	9.07E-05	0.000107	7.14E-05	2.93E-05	6.31E-05	0.000108
104	8.13E-04	0.000111	0.000176	0.000106	5.47E-05	5.12E-05	8.72E-05	6.51E-05	2.6E-05	6E-05	7.56E-05
105	6.90E-04	9.26E-05	0.000143	8.84E-05	4.48E-05	3.98E-05	7.65E-05	6.02E-05	2.38E-05	5.65E-05	6.37E-05
106	5.88E-04	7.78E-05	0.000118	7.4E-05	3.71E-05	3.17E-05	6.66E-05	5.5E-05	2.15E-05	5.24E-05	5.41E-05
107	5.02E-04	6.56E-05	9.69E-05	6.22E-05	3.09E-05	2.55E-05	5.75E-05	4.97E-05	1.93E-05	4.8E-05	4.6E-05
108	4.31E-04	5.58E-05	8.05E-05	5.27E-05	2.61E-05	2.1E-05	4.96E-05	4.46E-05	1.71E-05	4.36E-05	3.96E-05
109	2.52E-04	3.94E-05	3.09E-05	3.34E-05	2.05E-05	1.25E-05	2.34E-05	2.1E-05	8.85E-06	1.91E-05	4.34E-05
110	3.20E-04	5.09E-05	3.84E-05	4.29E-05	2.68E-05	1.62E-05	2.87E-05	2.49E-05	1.06E-05	2.25E-05	5.76E-05
111	4.24E-04	6.92E-05	4.98E-05	5.8E-05	3.73E-05	2.23E-05	3.62E-05	3.03E-05	1.3E-05	2.69E-05	8.09E-05
112	5.75E-04	9.69E-05	6.61E-05	8.07E-05	5.37E-05	3.18E-05	4.6E-05	3.66E-05	1.58E-05	3.2E-05	0.000115
113	8.04E-04	0.000141	9.13E-05	0.000117	8.08E-05	4.86E-05	5.85E-05	4.42E-05	1.91E-05	3.81E-05	0.000166
114	1.21E-03	0.000225	0.00014	0.000188	0.000134	8.54E-05	7.74E-05	5.4E-05	2.35E-05	4.56E-05	0.00024
115	1.83E-03	0.000348	0.000237	0.000306	0.000217	0.000173	0.0001	6.47E-05	2.82E-05	5.38E-05	0.000304
116	2.73E-03	0.00047	0.000452	0.000482	0.000298	0.000397	0.000127	7.59E-05	3.3E-05	6.25E-05	0.000333
117	3.48E-03	0.000491	0.00074	0.000617	0.000307	0.000668	0.000152	8.62E-05	3.72E-05	7.07E-05	0.000312
118	3.19E-03	0.000427	0.00082	0.000512	0.000254	0.00052	0.000173	9.54E-05	4.09E-05	7.82E-05	0.000264
119	1.54E-03	0.000208	0.000395	0.000205	0.000105	0.000114	0.000155	9.92E-05	4.06E-05	8.71E-05	0.000132
120	1.23E-03	0.000164	0.000293	0.000159	8.01E-05	7.81E-05	0.000134	9.27E-05	3.73E-05	8.39E-05	0.000106
121	9.89E-04	0.00013	0.000221	0.000126	6.21E-05	5.66E-05	0.000112	8.43E-05	3.33E-05	7.84E-05	8.53E-05
122	8.09E-04	0.000105	0.00017	0.000101	4.93E-05	4.28E-05	9.4E-05	7.55E-05	2.94E-05	7.17E-05	7E-05
123	6.67E-04	8.54E-05	0.000134	8.19E-05	3.97E-05	3.32E-05	7.83E-05	6.67E-05	2.57E-05	6.45E-05	5.8E-05
124	5.55E-04	7.04E-05	0.000106	6.72E-05	3.25E-05	2.64E-05	6.53E-05	5.85E-05	2.24E-05	5.74E-05	4.86E-05
125	4.68E-04	5.91E-05	8.65E-05	5.6E-05	2.7E-05	2.15E-05	5.52E-05	5.11E-05	1.94E-05	5.07E-05	4.11E-05
126	3.53E-04	5.59E-05	4.06E-05	4.67E-05	2.93E-05	1.69E-05	3.17E-05	2.79E-05	1.19E-05	2.51E-05	6.66E-05
127	4.79E-04	7.8E-05	5.29E-05	6.45E-05	4.18E-05	2.33E-05	4.08E-05	3.45E-05	1.49E-05	3.05E-05	9.82E-05
128	6.87E-04	0.000115	7.17E-05	9.41E-05	6.37E-05	3.4E-05	5.38E-05	4.32E-05	1.88E-05	3.74E-05	0.000155
129	1.04E-03	0.000182	0.000101	0.000147	0.000105	5.32E-05	7.18E-05	5.4E-05	2.37E-05	4.59E-05	0.000261
130	1.85E-03	0.000351	0.000162	0.000276	0.000213	9.89E-05	0.000102	6.91E-05	3.06E-05	5.7E-05	0.000495
131	4.01E-03	0.000917	0.000338	0.000707	0.0006	0.000264	0.000153	9E-05	4.01E-05	7.16E-05	0.00083
132	8.92E-03	0.001822	0.001301	0.001805	0.001265	0.001466	0.000216	0.000111	4.95E-05	8.71E-05	0.000795

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188	Receptor
0.01	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
133	2.05E-03	0.00026	0.000567	0.000259	0.000125	0.000126	0.000229	0.000142	5.79E-05	0.000125	0.000155
134	1.53E-03	0.000193	0.000379	0.000191	9.05E-05	8.43E-05	0.000181	0.000127	5.04E-05	0.000117	0.000119
135	1.18E-03	0.000147	0.000265	0.000144	6.77E-05	5.98E-05	0.000142	0.00011	4.27E-05	0.000104	9.3E-05
136	9.23E-04	0.000114	0.000194	0.000112	5.23E-05	4.44E-05	0.000112	9.4E-05	3.59E-05	9.12E-05	7.44E-05
137	7.38E-04	9.08E-05	0.000146	8.79E-05	4.13E-05	3.4E-05	8.88E-05	7.99E-05	3.02E-05	7.9E-05	6.04E-05
138	6.01E-04	7.37E-05	0.000113	7.09E-05	3.34E-05	2.69E-05	7.16E-05	6.76E-05	2.53E-05	6.77E-05	5.01E-05
139	4.97E-04	6.09E-05	9.06E-05	5.82E-05	2.76E-05	2.19E-05	5.87E-05	5.73E-05	2.14E-05	5.79E-05	4.21E-05
140	3.76E-04	5.9E-05	4.16E-05	4.9E-05	3.06E-05	1.69E-05	3.41E-05	3.07E-05	1.32E-05	2.76E-05	7.31E-05
141	5.21E-04	8.34E-05	5.44E-05	6.84E-05	4.41E-05	2.32E-05	4.49E-05	3.89E-05	1.69E-05	3.44E-05	0.000112
142	7.73E-04	0.000127	7.4E-05	0.000102	6.87E-05	3.35E-05	6.14E-05	5.03E-05	2.22E-05	4.34E-05	0.000191
143	1.30E-03	0.000215	0.000106	0.000168	0.000121	5.26E-05	8.72E-05	6.67E-05	2.99E-05	5.58E-05	0.000393
144	3.08E-03	0.000481	0.000171	0.00036	0.000288	9.57E-05	0.000137	9.19E-05	4.18E-05	7.35E-05	0.001341
145	2.63E-03	0.000308	0.000744	0.000315	0.000139	0.000126	0.000336	0.000213	8.43E-05	0.000192	0.000172
146	1.82E-03	0.000215	0.000443	0.000217	9.61E-05	8.4E-05	0.000232	0.000173	6.64E-05	0.000164	0.000127
147	1.34E-03	0.000159	0.000297	0.000158	7.09E-05	6.03E-05	0.000169	0.000141	5.3E-05	0.000138	9.78E-05
148	1.02E-03	0.000121	0.000209	0.000119	5.4E-05	4.49E-05	0.000126	0.000114	4.23E-05	0.000114	7.7E-05
149	7.97E-04	9.46E-05	0.000154	9.23E-05	4.24E-05	3.46E-05	9.63E-05	9.25E-05	3.41E-05	9.39E-05	6.21E-05
150	6.36E-04	7.59E-05	0.000118	7.34E-05	3.41E-05	2.74E-05	7.58E-05	7.56E-05	2.77E-05	7.74E-05	5.11E-05
151	5.34E-04	6.3E-05	9.39E-05	6.06E-05	2.82E-05	2.23E-05	6.28E-05	6.66E-05	2.43E-05	6.92E-05	4.33E-05
152	7.92E-04	0.000125	7.23E-05	0.0001	6.6E-05	3.06E-05	6.59E-05	5.73E-05	2.55E-05	4.94E-05	0.000199
153	1.34E-03	0.00021	0.000103	0.000164	0.000113	4.58E-05	9.9E-05	8.02E-05	3.65E-05	6.66E-05	0.000425
154	2.86E-03	0.000402	0.000154	0.000303	0.000224	7.24E-05	0.000162	0.000116	5.41E-05	9.15E-05	0.001277
155	2.07E-03	0.000228	0.000469	0.000234	9.8E-05	7.87E-05	0.000276	0.000234	8.5E-05	0.000234	0.000132
156	1.47E-03	0.000165	0.000306	0.000166	7.19E-05	5.8E-05	0.000187	0.000174	6.25E-05	0.000178	0.0001
157	1.09E-03	0.000124	0.000213	0.000123	5.47E-05	4.41E-05	0.000134	0.000132	4.74E-05	0.000137	7.85E-05
158	8.34E-04	9.65E-05	0.000157	9.44E-05	4.28E-05	3.43E-05	0.000101	0.000102	3.67E-05	0.000107	6.28E-05
159	6.62E-04	7.75E-05	0.00012	7.51E-05	3.45E-05	2.74E-05	7.94E-05	8.13E-05	2.93E-05	8.5E-05	5.18E-05
160	5.43E-04	6.37E-05	9.52E-05	6.12E-05	2.86E-05	2.26E-05	6.32E-05	6.86E-05	2.47E-05	7.2E-05	4.36E-05
161	5.17E-04	7.88E-05	5.14E-05	6.43E-05	3.97E-05	1.97E-05	4.79E-05	4.59E-05	2.01E-05	4.1E-05	0.000108
162	7.43E-04	0.000113	6.76E-05	9.12E-05	5.74E-05	2.64E-05	6.66E-05	6.23E-05	2.78E-05	5.44E-05	0.000175
163	1.18E-03	0.000179	9.36E-05	0.00014	9.02E-05	3.69E-05	0.000101	9.11E-05	4.19E-05	7.65E-05	0.000332
164	2.10E-03	0.000301	0.000135	0.000231	0.00015	5.26E-05	0.00017	0.000143	6.8E-05	0.000113	0.000735
165	4.57E-03	0.000582	0.000208	0.000434	0.000267	7.66E-05	0.000354	0.00026	0.00013	0.000183	0.002072
166	2.17E-03	0.000227	0.000425	0.000232	9.42E-05	6.7E-05	0.000292	0.00029	9.84E-05	0.000309	0.000132
167	1.52E-03	0.000165	0.000289	0.000165	7.04E-05	5.23E-05	0.000193	0.0002	6.85E-05	0.000214	0.000101
168	1.12E-03	0.000125	0.000207	0.000123	5.43E-05	4.13E-05	0.000137	0.000145	5.03E-05	0.000154	7.92E-05
169	8.53E-04	9.74E-05	0.000155	9.48E-05	4.3E-05	3.3E-05	0.000103	0.000109	3.84E-05	0.000116	6.38E-05
170	6.78E-04	7.88E-05	0.000121	7.6E-05	3.52E-05	2.71E-05	8.02E-05	8.6E-05	3.06E-05	9.07E-05	5.28E-05
171	5.47E-04	6.41E-05	9.53E-05	6.15E-05	2.89E-05	2.25E-05	6.33E-05	6.92E-05	2.47E-05	7.35E-05	4.39E-05
172	4.78E-04	7.07E-05	4.77E-05	5.8E-05	3.46E-05	1.72E-05	4.62E-05	4.7E-05	2.05E-05	4.27E-05	9.33E-05
173	6.66E-04	9.83E-05	6.16E-05	7.96E-05	4.77E-05	2.22E-05	6.39E-05	6.49E-05	2.9E-05	5.78E-05	0.000141
174	9.83E-04	0.000144	8.25E-05	0.000115	6.81E-05	2.9E-05	9.52E-05	9.59E-05	4.4E-05	8.29E-05	0.000227
175	1.52E-03	0.000216	0.000113	0.00017	9.84E-05	3.82E-05	0.000149	0.000156	7.47E-05	0.000129	0.000378
176	2.50E-03	0.000343	0.000161	0.000266	0.000142	4.95E-05	0.000264	0.000292	0.000151	0.000225	0.000605

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0.01	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
177	5.30E-03	0.000414	0.000646	0.000444	0.000143	7.32E-05	0.0007	0.001086	0.000295	0.001274	0.000229
178	3.15E-03	0.000289	0.000468	0.0003	0.000109	6.32E-05	0.000427	0.000544	0.000165	0.00062	0.000169
179	2.09E-03	0.00021	0.000339	0.000211	8.42E-05	5.32E-05	0.000276	0.000324	0.000104	0.000361	0.000128
180	1.48E-03	0.000158	0.00025	0.000156	6.57E-05	4.42E-05	0.00019	0.000214	7.15E-05	0.000235	9.92E-05
181	1.10E-03	0.000122	0.000189	0.000119	5.21E-05	3.66E-05	0.000137	0.000151	5.19E-05	0.000164	7.88E-05
182	8.53E-04	9.74E-05	0.000147	9.39E-05	4.25E-05	3.04E-05	0.000104	0.000113	3.93E-05	0.000121	6.45E-05
183	6.80E-04	7.9E-05	0.000117	7.57E-05	3.5E-05	2.58E-05	8.1E-05	8.8E-05	3.11E-05	9.35E-05	5.34E-05
184	5.46E-04	6.45E-05	9.37E-05	6.15E-05	2.9E-05	2.17E-05	6.4E-05	6.92E-05	2.47E-05	7.34E-05	4.45E-05
185	1.14E-03	0.000153	9.2E-05	0.000123	6.7E-05	2.83E-05	0.000118	0.000147	6.86E-05	0.000131	0.000214
186	1.74E-03	0.000216	0.000124	0.000173	8.78E-05	3.5E-05	0.000181	0.000266	0.000131	0.000237	0.000289
187	2.90E-03	0.000297	0.00017	0.000239	0.000109	4.21E-05	0.000282	0.000581	0.000302	0.000541	0.000337
188	1.35E-02	0.000407	0.000322	0.000355	0.000127	5.26E-05	0.000524	0.004051	0.000856	0.006561	0.000289
189	7.76E-03	0.00036	0.000366	0.000337	0.000116	5.24E-05	0.000511	0.002164	0.000464	0.003154	0.000235
190	4.20E-03	0.000292	0.000349	0.000283	0.000101	4.98E-05	0.000418	0.000991	0.000256	0.001271	0.000186
191	2.66E-03	0.000229	0.000301	0.000224	8.48E-05	4.56E-05	0.000313	0.000529	0.000155	0.000633	0.000146
192	1.86E-03	0.000179	0.000247	0.000175	7E-05	4.06E-05	0.000231	0.000324	0.000102	0.000371	0.000116
193	1.36E-03	0.000142	0.000199	0.000137	5.76E-05	3.56E-05	0.000171	0.000216	7.13E-05	0.00024	9.32E-05
194	1.04E-03	0.000114	0.000161	0.000109	4.75E-05	3.09E-05	0.00013	0.000154	5.23E-05	0.000168	7.58E-05
195	8.25E-04	9.35E-05	0.000131	8.93E-05	4.01E-05	2.68E-05	0.000102	0.000115	4E-05	0.000123	6.35E-05
196	6.64E-04	7.7E-05	0.000108	7.32E-05	3.37E-05	2.33E-05	8.02E-05	8.89E-05	3.14E-05	9.47E-05	5.31E-05
197	5.41E-04	6.4E-05	8.91E-05	6.06E-05	2.84E-05	2.02E-05	6.45E-05	7.02E-05	2.51E-05	7.41E-05	4.47E-05
198	6.47E-04	8.66E-05	5.94E-05	7.13E-05	3.87E-05	1.83E-05	6.71E-05	8.37E-05	3.68E-05	7.88E-05	0.000106
199	8.67E-04	0.000111	7.42E-05	9.08E-05	4.78E-05	2.17E-05	9.01E-05	0.000124	5.52E-05	0.000118	0.000135
200	1.21E-03	0.000142	9.39E-05	0.000116	5.85E-05	2.56E-05	0.000123	0.000198	8.87E-05	0.000195	0.000167
201	1.72E-03	0.000176	0.000118	0.000146	6.89E-05	2.97E-05	0.000166	0.000333	0.000145	0.000351	0.000188
202	2.61E-03	0.00021	0.00015	0.000176	7.69E-05	3.36E-05	0.000218	0.000601	0.000233	0.000718	0.000193
203	3.47E-03	0.000223	0.000182	0.000193	7.87E-05	3.58E-05	0.000255	0.000875	0.000276	0.001173	0.000181
204	3.39E-03	0.000217	0.000206	0.000196	7.65E-05	3.64E-05	0.000267	0.000846	0.000241	0.001146	0.000163
205	2.66E-03	0.000196	0.000208	0.000181	7.08E-05	3.54E-05	0.000248	0.000613	0.000177	0.000788	0.000141
206	2.00E-03	0.000169	0.000194	0.000159	6.33E-05	3.33E-05	0.000212	0.000416	0.000126	0.000507	0.000119
207	1.52E-03	0.000143	0.000174	0.000135	5.55E-05	3.09E-05	0.000175	0.000285	9.07E-05	0.000333	9.98E-05
208	1.18E-03	0.00012	0.000151	0.000114	4.81E-05	2.82E-05	0.000142	0.000202	6.68E-05	0.000229	8.34E-05
209	9.43E-04	0.000101	0.000129	9.57E-05	4.17E-05	2.52E-05	0.000115	0.000149	5.07E-05	0.000165	7.09E-05
210	7.67E-04	8.56E-05	0.000111	8.07E-05	3.61E-05	2.27E-05	9.35E-05	0.000114	3.97E-05	0.000124	6.02E-05
211	6.31E-04	7.25E-05	9.49E-05	6.81E-05	3.11E-05	2.03E-05	7.64E-05	8.93E-05	3.15E-05	9.57E-05	5.14E-05
212	5.22E-04	6.13E-05	8.08E-05	5.76E-05	2.68E-05	1.8E-05	6.26E-05	7.06E-05	2.52E-05	7.48E-05	4.38E-05
213	5.23E-04	6.8E-05	5E-05	5.67E-05	3.01E-05	1.48E-05	5.49E-05	7.13E-05	3.05E-05	6.94E-05	7.7E-05
214	6.66E-04	8.26E-05	6.01E-05	6.89E-05	3.57E-05	1.71E-05	6.92E-05	9.89E-05	4.23E-05	9.83E-05	9.31E-05
215	8.48E-04	9.89E-05	7.19E-05	8.26E-05	4.15E-05	1.95E-05	8.67E-05	0.000138	5.83E-05	0.000142	0.000108
216	1.10E-03	0.000118	8.68E-05	9.89E-05	4.78E-05	2.22E-05	0.000109	0.0002	8.2E-05	0.000216	0.000121
217	1.40E-03	0.000134	0.000103	0.000114	5.22E-05	2.45E-05	0.000133	0.000284	0.000109	0.000324	0.000125
218	1.67E-03	0.000142	0.000121	0.000124	5.39E-05	2.61E-05	0.000152	0.000363	0.000127	0.000442	0.000121
219	1.73E-03	0.000141	0.000131	0.000125	5.29E-05	2.65E-05	0.000159	0.000381	0.000125	0.000477	0.000114
220	1.61E-03	0.000134	0.000136	0.000121	5.06E-05	2.61E-05	0.000155	0.000346	0.00011	0.000429	0.000104

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188	Receptor
0.01	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
221	1.40E-03	0.000123	0.000133	0.000113	4.73E-05	2.52E-05	0.000144	0.000284	9.11E-05	0.000343	9.33E-05
222	1.17E-03	0.000111	0.000124	0.000102	4.33E-05	2.38E-05	0.000128	0.000223	7.28E-05	0.000261	8.21E-05
223	9.68E-04	9.71E-05	0.000112	8.98E-05	3.89E-05	2.23E-05	0.000109	0.000172	5.76E-05	0.000197	7.16E-05
224	8.10E-04	8.53E-05	0.000102	7.94E-05	3.48E-05	2.07E-05	9.47E-05	0.000135	4.58E-05	0.000151	6.22E-05
225	6.82E-04	7.48E-05	8.97E-05	6.95E-05	3.11E-05	1.87E-05	8.1E-05	0.000107	3.74E-05	0.000118	5.48E-05
226	5.71E-04	6.48E-05	7.87E-05	6.01E-05	2.74E-05	1.69E-05	6.82E-05	8.54E-05	3.01E-05	9.22E-05	4.76E-05
227	4.88E-04	5.67E-05	7.03E-05	5.27E-05	2.44E-05	1.56E-05	5.82E-05	6.97E-05	2.49E-05	7.44E-05	4.16E-05
228	5.12E-04	6.29E-05	4.87E-05	5.31E-05	2.73E-05	1.37E-05	5.34E-05	7.63E-05	3.16E-05	7.76E-05	6.73E-05
229	6.26E-04	7.35E-05	5.7E-05	6.21E-05	3.13E-05	1.54E-05	6.46E-05	1E-04	4.08E-05	0.000104	7.7E-05
230	7.57E-04	8.43E-05	6.61E-05	7.15E-05	3.5E-05	1.72E-05	7.71E-05	0.00013	5.19E-05	0.00014	8.42E-05
231	8.98E-04	9.37E-05	7.62E-05	8.01E-05	3.79E-05	1.87E-05	9.01E-05	0.000166	6.39E-05	0.000184	8.72E-05
232	1.01E-03	9.89E-05	8.55E-05	8.6E-05	3.92E-05	1.98E-05	0.000101	0.000198	7.23E-05	0.000229	8.62E-05
233	1.07E-03	9.95E-05	9.33E-05	8.81E-05	3.9E-05	2.03E-05	0.000106	0.000212	7.38E-05	0.000251	8.3E-05
234	1.04E-03	9.64E-05	9.64E-05	8.66E-05	3.78E-05	2.01E-05	0.000105	0.000206	6.99E-05	0.000245	7.82E-05
235	9.59E-04	9E-05	9.38E-05	8.14E-05	3.59E-05	1.95E-05	9.81E-05	0.000186	6.27E-05	0.00022	7.22E-05
236	8.72E-04	8.5E-05	9.14E-05	7.74E-05	3.39E-05	1.88E-05	9.36E-05	0.000162	5.48E-05	0.000189	6.62E-05
237	7.63E-04	7.7E-05	8.46E-05	7.03E-05	3.14E-05	1.79E-05	8.29E-05	0.000137	4.66E-05	0.000156	5.95E-05
238	6.57E-04	6.85E-05	7.5E-05	6.25E-05	2.79E-05	1.58E-05	7.38E-05	0.000113	3.92E-05	0.000128	5.33E-05
239	5.78E-04	6.25E-05	7.01E-05	5.72E-05	2.59E-05	1.5E-05	6.64E-05	9.48E-05	3.31E-05	0.000105	4.8E-05
240	5.05E-04	5.64E-05	6.46E-05	5.17E-05	2.37E-05	1.41E-05	5.88E-05	7.9E-05	2.79E-05	8.62E-05	4.3E-05
241	4.42E-04	5.06E-05	5.92E-05	4.65E-05	2.16E-05	1.32E-05	5.19E-05	6.61E-05	2.36E-05	7.12E-05	3.84E-05
242	2.91E-04	3.76E-05	3.07E-05	3.2E-05	1.69E-05	9.05E-06	3.07E-05	3.92E-05	1.61E-05	3.92E-05	3.91E-05
243	3.43E-04	4.34E-05	3.52E-05	3.69E-05	1.92E-05	1.01E-05	3.62E-05	4.84E-05	1.98E-05	4.9E-05	4.5E-05
244	4.04E-04	4.97E-05	4.02E-05	4.22E-05	2.17E-05	1.13E-05	4.24E-05	5.98E-05	2.42E-05	6.14E-05	5.13E-05
245	4.76E-04	5.67E-05	4.6E-05	4.83E-05	2.44E-05	1.25E-05	4.97E-05	7.41E-05	2.97E-05	7.76E-05	5.75E-05
246	5.54E-04	6.36E-05	5.21E-05	5.43E-05	2.69E-05	1.37E-05	5.75E-05	9.07E-05	3.58E-05	9.68E-05	6.22E-05
247	6.30E-04	6.94E-05	5.84E-05	5.97E-05	2.88E-05	1.48E-05	6.52E-05	0.000109	4.2E-05	0.000119	6.44E-05
248	6.97E-04	7.32E-05	6.49E-05	6.37E-05	2.99E-05	1.56E-05	7.19E-05	0.000126	4.68E-05	0.000141	6.45E-05
249	7.25E-04	7.35E-05	6.93E-05	6.5E-05	2.98E-05	1.6E-05	7.5E-05	0.000134	4.81E-05	0.000153	6.26E-05
250	7.23E-04	7.23E-05	7.18E-05	6.45E-05	2.92E-05	1.6E-05	7.54E-05	0.000133	4.69E-05	0.000154	6E-05
251	6.96E-04	6.97E-05	7.18E-05	6.28E-05	2.82E-05	1.57E-05	7.36E-05	0.000127	4.42E-05	0.000146	5.68E-05
252	6.21E-04	6.19E-05	6.48E-05	5.59E-05	2.52E-05	1.45E-05	6.5E-05	0.000113	3.92E-05	0.000131	5.1E-05
253	5.73E-04	5.86E-05	6.19E-05	5.29E-05	2.39E-05	1.35E-05	6.16E-05	0.000101	3.54E-05	0.000116	4.78E-05
254	5.22E-04	5.49E-05	5.83E-05	4.96E-05	2.25E-05	1.28E-05	5.73E-05	8.98E-05	3.16E-05	0.000101	4.42E-05
255	4.76E-04	5.13E-05	5.53E-05	4.65E-05	2.13E-05	1.22E-05	5.32E-05	7.9E-05	2.79E-05	8.78E-05	4.09E-05
256	4.31E-04	4.77E-05	5.22E-05	4.33E-05	2E-05	1.17E-05	4.9E-05	6.9E-05	2.45E-05	7.57E-05	3.76E-05
257	3.88E-04	4.39E-05	4.9E-05	4E-05	1.86E-05	1.11E-05	4.46E-05	5.98E-05	2.14E-05	6.49E-05	3.44E-05
258	2.48E-04	3.19E-05	2.69E-05	2.73E-05	1.43E-05	7.81E-06	2.64E-05	3.36E-05	1.36E-05	3.39E-05	3.23E-05
259	2.84E-04	3.58E-05	3E-05	3.06E-05	1.59E-05	8.59E-06	3E-05	3.99E-05	1.61E-05	4.07E-05	3.61E-05
260	3.78E-04	4.56E-05	3.83E-05	3.9E-05	1.98E-05	1.04E-05	3.99E-05	5.73E-05	2.27E-05	5.99E-05	4.5E-05
261	4.24E-04	4.97E-05	4.22E-05	4.27E-05	2.13E-05	1.13E-05	4.45E-05	6.68E-05	2.62E-05	7.08E-05	4.79E-05
262	4.73E-04	5.38E-05	4.68E-05	4.65E-05	2.27E-05	1.21E-05	4.97E-05	7.76E-05	3E-05	8.37E-05	4.98E-05
263	5.01E-04	5.48E-05	4.95E-05	4.75E-05	2.33E-05	1.26E-05	5.12E-05	8.62E-05	3.25E-05	9.46E-05	4.93E-05
264	5.33E-04	5.71E-05	5.4E-05	5.04E-05	2.36E-05	1.3E-05	5.64E-05	9.23E-05	3.39E-05	0.000103	4.9E-05

MUIR School Project

Mitigated Residential - Residential Construction Health Impact Assessment

188	Receptor
0.01	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
265	5.14E-04	5.29E-05	5.25E-05	4.72E-05	2.2E-05	1.3E-05	5.24E-05	9.19E-05	3.31E-05	0.000104	4.48E-05
266	5.07E-04	5.23E-05	5.38E-05	4.67E-05	2.2E-05	1.28E-05	5.19E-05	8.97E-05	3.22E-05	0.000102	4.38E-05
267	4.96E-04	5.21E-05	5.47E-05	4.68E-05	2.18E-05	1.25E-05	5.24E-05	8.55E-05	3.04E-05	9.63E-05	4.32E-05
268	4.41E-04	4.65E-05	4.89E-05	4.19E-05	1.93E-05	1.11E-05	4.75E-05	7.55E-05	2.69E-05	8.5E-05	3.86E-05
269	4.13E-04	4.41E-05	4.65E-05	3.97E-05	1.84E-05	1.05E-05	4.49E-05	6.95E-05	2.48E-05	7.77E-05	3.65E-05
270	3.84E-04	4.18E-05	4.41E-05	3.76E-05	1.75E-05	1.01E-05	4.24E-05	6.35E-05	2.28E-05	7.04E-05	3.43E-05
271	3.60E-04	3.99E-05	4.26E-05	3.6E-05	1.68E-05	9.78E-06	4.02E-05	5.8E-05	2.08E-05	6.37E-05	3.24E-05
272	3.33E-04	3.75E-05	4.06E-05	3.39E-05	1.59E-05	9.39E-06	3.76E-05	5.21E-05	1.88E-05	5.67E-05	3.02E-05
273	3.35E-04	4E-05	3.49E-05	3.46E-05	1.74E-05	9.4E-06	3.55E-05	5.12E-05	2E-05	5.39E-05	3.81E-05
274	3.67E-04	4.28E-05	3.81E-05	3.72E-05	1.84E-05	1E-05	3.9E-05	5.78E-05	2.24E-05	6.18E-05	3.95E-05
275	3.91E-04	4.44E-05	4.07E-05	3.88E-05	1.9E-05	1.04E-05	4.13E-05	6.35E-05	2.41E-05	6.88E-05	3.97E-05
276	4.08E-04	4.53E-05	4.32E-05	4E-05	1.92E-05	1.07E-05	4.34E-05	6.74E-05	2.51E-05	7.4E-05	3.93E-05
277	3.96E-04	4.24E-05	4.21E-05	3.79E-05	1.8E-05	1.08E-05	4.1E-05	6.76E-05	2.48E-05	7.55E-05	3.62E-05
278	3.95E-04	4.24E-05	4.34E-05	3.78E-05	1.81E-05	1.07E-05	4.08E-05	6.71E-05	2.44E-05	7.46E-05	3.56E-05
279	3.95E-04	4.3E-05	4.48E-05	3.86E-05	1.81E-05	1.05E-05	4.3E-05	6.51E-05	2.35E-05	7.22E-05	3.56E-05
280	3.42E-04	3.71E-05	3.92E-05	3.34E-05	1.56E-05	9.13E-06	3.71E-05	5.64E-05	2.04E-05	6.26E-05	3.11E-05
281	3.29E-04	3.59E-05	3.78E-05	3.23E-05	1.51E-05	8.83E-06	3.58E-05	5.38E-05	1.95E-05	5.96E-05	3E-05
282	3.12E-04	3.45E-05	3.62E-05	3.09E-05	1.45E-05	8.49E-06	3.42E-05	5.07E-05	1.84E-05	5.58E-05	2.87E-05
283	2.88E-04	3.21E-05	3.35E-05	2.88E-05	1.36E-05	7.89E-06	3.17E-05	4.61E-05	1.68E-05	5.05E-05	2.68E-05
284	2.77E-04	3.14E-05	3.31E-05	2.82E-05	1.33E-05	7.83E-06	3.09E-05	4.36E-05	1.58E-05	4.74E-05	2.59E-05

Risk From P1Demo - Mitigated Residential

MUIR School Project

Risk From P1Demo - Mitigated Residential

0.08

0.03

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.24729	0.00	2.9E-10	3.9E-04	3.5E-04	3.4E-08	1.6E-01	5.5E-02	2.9E-10
44	0.28385	0.00	3.3E-10	3.9E-04	3.5E-04	3.9E-08	1.6E-01	5.5E-02	3.3E-10
45	0.32755	0.00	3.8E-10	3.9E-04	3.5E-04	4.5E-08	1.6E-01	5.5E-02	3.8E-10
46	0.38003	0.00	4.5E-10	3.9E-04	3.5E-04	5.2E-08	1.6E-01	5.5E-02	4.5E-10
47	0.44095	0.00	5.2E-10	3.9E-04	3.5E-04	6.0E-08	1.6E-01	5.5E-02	5.2E-10
48	0.50953	0.00	6.0E-10	3.9E-04	3.5E-04	6.9E-08	1.6E-01	5.5E-02	6.0E-10
49	0.58393	0.00	6.9E-10	3.9E-04	3.5E-04	8.0E-08	1.6E-01	5.5E-02	6.9E-10
50	0.65877	0.00	7.7E-10	3.9E-04	3.5E-04	9.0E-08	1.6E-01	5.5E-02	7.7E-10
51	0.73055	0.00	8.6E-10	3.9E-04	3.5E-04	1.0E-07	1.6E-01	5.5E-02	8.6E-10
52	0.79511	0.00	9.3E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.3E-10
53	0.8497	0.00	1.0E-09	3.9E-04	3.5E-04	1.2E-07	1.6E-01	5.5E-02	1.0E-09
54	0.88727	0.00	1.0E-09	3.9E-04	3.5E-04	1.2E-07	1.6E-01	5.5E-02	1.0E-09
55	0.86081	0.00	1.0E-09	3.9E-04	3.5E-04	1.2E-07	1.6E-01	5.5E-02	1.0E-09
56	0.8199	0.00	9.6E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.6E-10
57	0.76476	0.00	9.0E-10	3.9E-04	3.5E-04	1.0E-07	1.6E-01	5.5E-02	9.0E-10
58	0.7044	0.00	8.3E-10	3.9E-04	3.5E-04	9.6E-08	1.6E-01	5.5E-02	8.3E-10
59	0.64293	0.00	7.5E-10	3.9E-04	3.5E-04	8.8E-08	1.6E-01	5.5E-02	7.5E-10
60	0.58348	0.00	6.8E-10	3.9E-04	3.5E-04	8.0E-08	1.6E-01	5.5E-02	6.8E-10
61	0.3141	0.00	3.7E-10	3.9E-04	3.5E-04	4.3E-08	1.6E-01	5.5E-02	3.7E-10
62	0.37125	0.00	4.4E-10	3.9E-04	3.5E-04	5.1E-08	1.6E-01	5.5E-02	4.4E-10
63	0.44089	0.00	5.2E-10	3.9E-04	3.5E-04	6.0E-08	1.6E-01	5.5E-02	5.2E-10
64	0.52633	0.00	6.2E-10	3.9E-04	3.5E-04	7.2E-08	1.6E-01	5.5E-02	6.2E-10
65	0.62796	0.00	7.4E-10	3.9E-04	3.5E-04	8.6E-08	1.6E-01	5.5E-02	7.4E-10
66	0.74658	0.00	8.8E-10	3.9E-04	3.5E-04	1.0E-07	1.6E-01	5.5E-02	8.8E-10
67	0.87486	0.00	1.0E-09	3.9E-04	3.5E-04	1.2E-07	1.6E-01	5.5E-02	1.0E-09
68	0.99878	0.00	1.2E-09	3.9E-04	3.5E-04	1.4E-07	1.6E-01	5.5E-02	1.2E-09
69	1.10875	0.00	1.3E-09	3.9E-04	3.5E-04	1.5E-07	1.6E-01	5.5E-02	1.3E-09
70	1.19604	0.00	1.4E-09	3.9E-04	3.5E-04	1.6E-07	1.6E-01	5.5E-02	1.4E-09
71	1.24646	0.00	1.5E-09	3.9E-04	3.5E-04	1.7E-07	1.6E-01	5.5E-02	1.5E-09
72	0.94605	0.00	1.1E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.1E-09
73	0.84739	0.00	9.9E-10	3.9E-04	3.5E-04	1.2E-07	1.6E-01	5.5E-02	9.9E-10
74	0.75483	0.00	8.9E-10	3.9E-04	3.5E-04	1.0E-07	1.6E-01	5.5E-02	8.9E-10
75	0.67004	0.00	7.9E-10	3.9E-04	3.5E-04	9.1E-08	1.6E-01	5.5E-02	7.9E-10
76	0.31036	0.00	3.6E-10	3.9E-04	3.5E-04	4.2E-08	1.6E-01	5.5E-02	3.6E-10
77	0.38753	0.00	4.5E-10	3.9E-04	3.5E-04	5.3E-08	1.6E-01	5.5E-02	4.5E-10
78	0.48873	0.00	5.7E-10	3.9E-04	3.5E-04	6.7E-08	1.6E-01	5.5E-02	5.7E-10
79	0.63084	0.00	7.4E-10	3.9E-04	3.5E-04	8.6E-08	1.6E-01	5.5E-02	7.4E-10
80	0.78793	0.00	9.2E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.2E-10
81	0.98316	0.00	1.2E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.2E-09
82	1.21807	0.00	1.4E-09	3.9E-04	3.5E-04	1.7E-07	1.6E-01	5.5E-02	1.4E-09
83	1.45722	0.00	1.7E-09	3.9E-04	3.5E-04	2.0E-07	1.6E-01	5.5E-02	1.7E-09
84	1.66863	0.00	2.0E-09	3.9E-04	3.5E-04	2.3E-07	1.6E-01	5.5E-02	2.0E-09
85	1.81514	0.00	2.1E-09	3.9E-04	3.5E-04	2.5E-07	1.6E-01	5.5E-02	2.1E-09

MUIR School Project

Risk From P1Demo - Mitigated Residential

0.08

0.03

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
86	1.86611	0.00	2.2E-09	3.9E-04	3.5E-04	2.5E-07	1.6E-01	5.5E-02	2.2E-09
87	1.16348	0.00	1.4E-09	3.9E-04	3.5E-04	1.6E-07	1.6E-01	5.5E-02	1.4E-09
88	1.00855	0.00	1.2E-09	3.9E-04	3.5E-04	1.4E-07	1.6E-01	5.5E-02	1.2E-09
89	0.87338	0.00	1.0E-09	3.9E-04	3.5E-04	1.2E-07	1.6E-01	5.5E-02	1.0E-09
90	0.75631	0.00	8.9E-10	3.9E-04	3.5E-04	1.0E-07	1.6E-01	5.5E-02	8.9E-10
91	0.65575	0.00	7.7E-10	3.9E-04	3.5E-04	8.9E-08	1.6E-01	5.5E-02	7.7E-10
92	0.36925	0.00	4.3E-10	3.9E-04	3.5E-04	5.0E-08	1.6E-01	5.5E-02	4.3E-10
93	0.45788	0.00	5.4E-10	3.9E-04	3.5E-04	6.2E-08	1.6E-01	5.5E-02	5.4E-10
94	0.56976	0.00	6.7E-10	3.9E-04	3.5E-04	7.8E-08	1.6E-01	5.5E-02	6.7E-10
95	0.75137	0.00	8.8E-10	3.9E-04	3.5E-04	1.0E-07	1.6E-01	5.5E-02	8.8E-10
96	0.99095	0.00	1.2E-09	3.9E-04	3.5E-04	1.4E-07	1.6E-01	5.5E-02	1.2E-09
97	1.32106	0.00	1.6E-09	3.9E-04	3.5E-04	1.8E-07	1.6E-01	5.5E-02	1.6E-09
98	1.80223	0.00	2.1E-09	3.9E-04	3.5E-04	2.5E-07	1.6E-01	5.5E-02	2.1E-09
99	2.3478	0.00	2.8E-09	3.9E-04	3.5E-04	3.2E-07	1.6E-01	5.5E-02	2.8E-09
100	2.83029	0.00	3.3E-09	3.9E-04	3.5E-04	3.9E-07	1.6E-01	5.5E-02	3.3E-09
101	3.0655	0.00	3.6E-09	3.9E-04	3.5E-04	4.2E-07	1.6E-01	5.5E-02	3.6E-09
102	3.03683	0.00	3.6E-09	3.9E-04	3.5E-04	4.1E-07	1.6E-01	5.5E-02	3.6E-09
103	2.02321	0.00	2.4E-09	3.9E-04	3.5E-04	2.8E-07	1.6E-01	5.5E-02	2.4E-09
104	1.40714	0.00	1.7E-09	3.9E-04	3.5E-04	1.9E-07	1.6E-01	5.5E-02	1.7E-09
105	1.17555	0.00	1.4E-09	3.9E-04	3.5E-04	1.6E-07	1.6E-01	5.5E-02	1.4E-09
106	0.98788	0.00	1.2E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.2E-09
107	0.833	0.00	9.8E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.8E-10
108	0.70825	0.00	8.3E-10	3.9E-04	3.5E-04	9.7E-08	1.6E-01	5.5E-02	8.3E-10
109	0.50019	0.00	5.9E-10	3.9E-04	3.5E-04	6.8E-08	1.6E-01	5.5E-02	5.9E-10
110	0.64594	0.00	7.6E-10	3.9E-04	3.5E-04	8.8E-08	1.6E-01	5.5E-02	7.6E-10
111	0.87894	0.00	1.0E-09	3.9E-04	3.5E-04	1.2E-07	1.6E-01	5.5E-02	1.0E-09
112	1.23091	0.00	1.4E-09	3.9E-04	3.5E-04	1.7E-07	1.6E-01	5.5E-02	1.4E-09
113	1.78924	0.00	2.1E-09	3.9E-04	3.5E-04	2.4E-07	1.6E-01	5.5E-02	2.1E-09
114	2.85101	0.00	3.3E-09	3.9E-04	3.5E-04	3.9E-07	1.6E-01	5.5E-02	3.3E-09
115	4.42059	0.01	5.2E-09	3.9E-04	3.5E-04	6.0E-07	1.6E-01	5.5E-02	5.2E-09
116	5.96605	0.01	7.0E-09	3.9E-04	3.5E-04	8.1E-07	1.6E-01	5.5E-02	7.0E-09
117	6.24098	0.01	7.3E-09	3.9E-04	3.5E-04	8.5E-07	1.6E-01	5.5E-02	7.3E-09
118	5.42268	0.01	6.4E-09	3.9E-04	3.5E-04	7.4E-07	1.6E-01	5.5E-02	6.4E-09
119	2.64637	0.00	3.1E-09	3.9E-04	3.5E-04	3.6E-07	1.6E-01	5.5E-02	3.1E-09
120	2.07693	0.00	2.4E-09	3.9E-04	3.5E-04	2.8E-07	1.6E-01	5.5E-02	2.4E-09
121	1.6487	0.00	1.9E-09	3.9E-04	3.5E-04	2.2E-07	1.6E-01	5.5E-02	1.9E-09
122	1.33035	0.00	1.6E-09	3.9E-04	3.5E-04	1.8E-07	1.6E-01	5.5E-02	1.6E-09
123	1.08499	0.00	1.3E-09	3.9E-04	3.5E-04	1.5E-07	1.6E-01	5.5E-02	1.3E-09
124	0.8946	0.00	1.0E-09	3.9E-04	3.5E-04	1.2E-07	1.6E-01	5.5E-02	1.0E-09
125	0.7502	0.00	8.8E-10	3.9E-04	3.5E-04	1.0E-07	1.6E-01	5.5E-02	8.8E-10
126	0.71016	0.00	8.3E-10	3.9E-04	3.5E-04	9.7E-08	1.6E-01	5.5E-02	8.3E-10
127	0.98999	0.00	1.2E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.2E-09
128	1.46366	0.00	1.7E-09	3.9E-04	3.5E-04	2.0E-07	1.6E-01	5.5E-02	1.7E-09

MUIR School Project

Risk From P1Demo - Mitigated Residential

0.08

0.03 **3rd Trimester**

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	2.31416	0.00	2.7E-09	3.9E-04	3.5E-04	3.2E-07	1.6E-01	5.5E-02	2.7E-09
130	4.45232	0.01	5.2E-09	3.9E-04	3.5E-04	6.1E-07	1.6E-01	5.5E-02	5.2E-09
131	11.64434	0.01	1.4E-08	3.9E-04	3.5E-04	1.6E-06	1.6E-01	5.5E-02	1.4E-08
132	23.13219	0.03	2.7E-08	3.9E-04	3.5E-04	3.2E-06	1.6E-01	5.5E-02	2.7E-08
133	3.30564	0.00	3.9E-09	3.9E-04	3.5E-04	4.5E-07	1.6E-01	5.5E-02	3.9E-09
134	2.45351	0.00	2.9E-09	3.9E-04	3.5E-04	3.3E-07	1.6E-01	5.5E-02	2.9E-09
135	1.86557	0.00	2.2E-09	3.9E-04	3.5E-04	2.5E-07	1.6E-01	5.5E-02	2.2E-09
136	1.4536	0.00	1.7E-09	3.9E-04	3.5E-04	2.0E-07	1.6E-01	5.5E-02	1.7E-09
137	1.15321	0.00	1.4E-09	3.9E-04	3.5E-04	1.6E-07	1.6E-01	5.5E-02	1.4E-09
138	0.93608	0.00	1.1E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.1E-09
139	0.77313	0.00	9.1E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.1E-10
140	0.74964	0.00	8.8E-10	3.9E-04	3.5E-04	1.0E-07	1.6E-01	5.5E-02	8.8E-10
141	1.05965	0.00	1.2E-09	3.9E-04	3.5E-04	1.4E-07	1.6E-01	5.5E-02	1.2E-09
142	1.60719	0.00	1.9E-09	3.9E-04	3.5E-04	2.2E-07	1.6E-01	5.5E-02	1.9E-09
143	2.72547	0.00	3.2E-09	3.9E-04	3.5E-04	3.7E-07	1.6E-01	5.5E-02	3.2E-09
144	6.1061	0.01	7.2E-09	3.9E-04	3.5E-04	8.3E-07	1.6E-01	5.5E-02	7.2E-09
145	3.91632	0.00	4.6E-09	3.9E-04	3.5E-04	5.3E-07	1.6E-01	5.5E-02	4.6E-09
146	2.73048	0.00	3.2E-09	3.9E-04	3.5E-04	3.7E-07	1.6E-01	5.5E-02	3.2E-09
147	2.01772	0.00	2.4E-09	3.9E-04	3.5E-04	2.8E-07	1.6E-01	5.5E-02	2.4E-09
148	1.53375	0.00	1.8E-09	3.9E-04	3.5E-04	2.1E-07	1.6E-01	5.5E-02	1.8E-09
149	1.20128	0.00	1.4E-09	3.9E-04	3.5E-04	1.6E-07	1.6E-01	5.5E-02	1.4E-09
150	0.96349	0.00	1.1E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.1E-09
151	0.80037	0.00	9.4E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.4E-10
152	1.59078	0.00	1.9E-09	3.9E-04	3.5E-04	2.2E-07	1.6E-01	5.5E-02	1.9E-09
153	2.6648	0.00	3.1E-09	3.9E-04	3.5E-04	3.6E-07	1.6E-01	5.5E-02	3.1E-09
154	5.10654	0.01	6.0E-09	3.9E-04	3.5E-04	7.0E-07	1.6E-01	5.5E-02	6.0E-09
155	2.89661	0.00	3.4E-09	3.9E-04	3.5E-04	3.9E-07	1.6E-01	5.5E-02	3.4E-09
156	2.0931	0.00	2.5E-09	3.9E-04	3.5E-04	2.9E-07	1.6E-01	5.5E-02	2.5E-09
157	1.57568	0.00	1.8E-09	3.9E-04	3.5E-04	2.1E-07	1.6E-01	5.5E-02	1.8E-09
158	1.22488	0.00	1.4E-09	3.9E-04	3.5E-04	1.7E-07	1.6E-01	5.5E-02	1.4E-09
159	0.98463	0.00	1.2E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.2E-09
160	0.80867	0.00	9.5E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.5E-10
161	1.00053	0.00	1.2E-09	3.9E-04	3.5E-04	1.4E-07	1.6E-01	5.5E-02	1.2E-09
162	1.44097	0.00	1.7E-09	3.9E-04	3.5E-04	2.0E-07	1.6E-01	5.5E-02	1.7E-09
163	2.26736	0.00	2.7E-09	3.9E-04	3.5E-04	3.1E-07	1.6E-01	5.5E-02	2.7E-09
164	3.82676	0.00	4.5E-09	3.9E-04	3.5E-04	5.2E-07	1.6E-01	5.5E-02	4.5E-09
165	7.38729	0.01	8.7E-09	3.9E-04	3.5E-04	1.0E-06	1.6E-01	5.5E-02	8.7E-09
166	2.87808	0.00	3.4E-09	3.9E-04	3.5E-04	3.9E-07	1.6E-01	5.5E-02	3.4E-09
167	2.08911	0.00	2.5E-09	3.9E-04	3.5E-04	2.8E-07	1.6E-01	5.5E-02	2.5E-09
168	1.58161	0.00	1.9E-09	3.9E-04	3.5E-04	2.2E-07	1.6E-01	5.5E-02	1.9E-09
169	1.23666	0.00	1.5E-09	3.9E-04	3.5E-04	1.7E-07	1.6E-01	5.5E-02	1.5E-09
170	1.00128	0.00	1.2E-09	3.9E-04	3.5E-04	1.4E-07	1.6E-01	5.5E-02	1.2E-09
171	0.81432	0.00	9.6E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.6E-10

MUIR School Project

Risk From P1Demo - Mitigated Residential

0.08

0.03

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	0.89836	0.00	1.1E-09	3.9E-04	3.5E-04	1.2E-07	1.6E-01	5.5E-02	1.1E-09
173	1.24766	0.00	1.5E-09	3.9E-04	3.5E-04	1.7E-07	1.6E-01	5.5E-02	1.5E-09
174	1.82502	0.00	2.1E-09	3.9E-04	3.5E-04	2.5E-07	1.6E-01	5.5E-02	2.1E-09
175	2.74752	0.00	3.2E-09	3.9E-04	3.5E-04	3.7E-07	1.6E-01	5.5E-02	3.2E-09
176	4.3552	0.01	5.1E-09	3.9E-04	3.5E-04	5.9E-07	1.6E-01	5.5E-02	5.1E-09
177	5.25236	0.01	6.2E-09	3.9E-04	3.5E-04	7.2E-07	1.6E-01	5.5E-02	6.2E-09
178	3.67325	0.00	4.3E-09	3.9E-04	3.5E-04	5.0E-07	1.6E-01	5.5E-02	4.3E-09
179	2.66539	0.00	3.1E-09	3.9E-04	3.5E-04	3.6E-07	1.6E-01	5.5E-02	3.1E-09
180	2.00096	0.00	2.3E-09	3.9E-04	3.5E-04	2.7E-07	1.6E-01	5.5E-02	2.3E-09
181	1.54478	0.00	1.8E-09	3.9E-04	3.5E-04	2.1E-07	1.6E-01	5.5E-02	1.8E-09
182	1.2374	0.00	1.5E-09	3.9E-04	3.5E-04	1.7E-07	1.6E-01	5.5E-02	1.5E-09
183	1.00314	0.00	1.2E-09	3.9E-04	3.5E-04	1.4E-07	1.6E-01	5.5E-02	1.2E-09
184	0.81935	0.00	9.6E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.6E-10
185	1.94657	0.00	2.3E-09	3.9E-04	3.5E-04	2.7E-07	1.6E-01	5.5E-02	2.3E-09
186	2.73987	0.00	3.2E-09	3.9E-04	3.5E-04	3.7E-07	1.6E-01	5.5E-02	3.2E-09
187	3.77773	0.00	4.4E-09	3.9E-04	3.5E-04	5.1E-07	1.6E-01	5.5E-02	4.4E-09
188	5.17147	0.01	6.1E-09	3.9E-04	3.5E-04	7.0E-07	1.6E-01	5.5E-02	6.1E-09
189	4.57688	0.01	5.4E-09	3.9E-04	3.5E-04	6.2E-07	1.6E-01	5.5E-02	5.4E-09
190	3.70213	0.00	4.3E-09	3.9E-04	3.5E-04	5.0E-07	1.6E-01	5.5E-02	4.3E-09
191	2.90453	0.00	3.4E-09	3.9E-04	3.5E-04	4.0E-07	1.6E-01	5.5E-02	3.4E-09
192	2.27896	0.00	2.7E-09	3.9E-04	3.5E-04	3.1E-07	1.6E-01	5.5E-02	2.7E-09
193	1.79993	0.00	2.1E-09	3.9E-04	3.5E-04	2.5E-07	1.6E-01	5.5E-02	2.1E-09
194	1.44153	0.00	1.7E-09	3.9E-04	3.5E-04	2.0E-07	1.6E-01	5.5E-02	1.7E-09
195	1.18785	0.00	1.4E-09	3.9E-04	3.5E-04	1.6E-07	1.6E-01	5.5E-02	1.4E-09
196	0.97797	0.00	1.1E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.1E-09
197	0.81269	0.00	9.5E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.5E-10
198	1.09917	0.00	1.3E-09	3.9E-04	3.5E-04	1.5E-07	1.6E-01	5.5E-02	1.3E-09
199	1.40433	0.00	1.6E-09	3.9E-04	3.5E-04	1.9E-07	1.6E-01	5.5E-02	1.6E-09
200	1.80139	0.00	2.1E-09	3.9E-04	3.5E-04	2.5E-07	1.6E-01	5.5E-02	2.1E-09
201	2.24035	0.00	2.6E-09	3.9E-04	3.5E-04	3.1E-07	1.6E-01	5.5E-02	2.6E-09
202	2.66746	0.00	3.1E-09	3.9E-04	3.5E-04	3.6E-07	1.6E-01	5.5E-02	3.1E-09
203	2.82983	0.00	3.3E-09	3.9E-04	3.5E-04	3.9E-07	1.6E-01	5.5E-02	3.3E-09
204	2.75482	0.00	3.2E-09	3.9E-04	3.5E-04	3.8E-07	1.6E-01	5.5E-02	3.2E-09
205	2.49016	0.00	2.9E-09	3.9E-04	3.5E-04	3.4E-07	1.6E-01	5.5E-02	2.9E-09
206	2.14978	0.00	2.5E-09	3.9E-04	3.5E-04	2.9E-07	1.6E-01	5.5E-02	2.5E-09
207	1.82028	0.00	2.1E-09	3.9E-04	3.5E-04	2.5E-07	1.6E-01	5.5E-02	2.1E-09
208	1.52468	0.00	1.8E-09	3.9E-04	3.5E-04	2.1E-07	1.6E-01	5.5E-02	1.8E-09
209	1.28782	0.00	1.5E-09	3.9E-04	3.5E-04	1.8E-07	1.6E-01	5.5E-02	1.5E-09
210	1.08758	0.00	1.3E-09	3.9E-04	3.5E-04	1.5E-07	1.6E-01	5.5E-02	1.3E-09
211	0.92011	0.00	1.1E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.1E-09
212	0.77906	0.00	9.1E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.1E-10
213	0.86295	0.00	1.0E-09	3.9E-04	3.5E-04	1.2E-07	1.6E-01	5.5E-02	1.0E-09
214	1.04904	0.00	1.2E-09	3.9E-04	3.5E-04	1.4E-07	1.6E-01	5.5E-02	1.2E-09

MUIR School Project

Risk From P1Demo - Mitigated Residential

0.08

0.03 **3rd Trimester**

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
215	1.25583	0.00	1.5E-09	3.9E-04	3.5E-04	1.7E-07	1.6E-01	5.5E-02	1.5E-09
216	1.49708	0.00	1.8E-09	3.9E-04	3.5E-04	2.0E-07	1.6E-01	5.5E-02	1.8E-09
217	1.70135	0.00	2.0E-09	3.9E-04	3.5E-04	2.3E-07	1.6E-01	5.5E-02	2.0E-09
218	1.80826	0.00	2.1E-09	3.9E-04	3.5E-04	2.5E-07	1.6E-01	5.5E-02	2.1E-09
219	1.78694	0.00	2.1E-09	3.9E-04	3.5E-04	2.4E-07	1.6E-01	5.5E-02	2.1E-09
220	1.70077	0.00	2.0E-09	3.9E-04	3.5E-04	2.3E-07	1.6E-01	5.5E-02	2.0E-09
221	1.56615	0.00	1.8E-09	3.9E-04	3.5E-04	2.1E-07	1.6E-01	5.5E-02	1.8E-09
222	1.40332	0.00	1.6E-09	3.9E-04	3.5E-04	1.9E-07	1.6E-01	5.5E-02	1.6E-09
223	1.23256	0.00	1.4E-09	3.9E-04	3.5E-04	1.7E-07	1.6E-01	5.5E-02	1.4E-09
224	1.08256	0.00	1.3E-09	3.9E-04	3.5E-04	1.5E-07	1.6E-01	5.5E-02	1.3E-09
225	0.94999	0.00	1.1E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.1E-09
226	0.82229	0.00	9.7E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.7E-10
227	0.72009	0.00	8.5E-10	3.9E-04	3.5E-04	9.8E-08	1.6E-01	5.5E-02	8.5E-10
228	0.79889	0.00	9.4E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.4E-10
229	0.93391	0.00	1.1E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.1E-09
230	1.07071	0.00	1.3E-09	3.9E-04	3.5E-04	1.5E-07	1.6E-01	5.5E-02	1.3E-09
231	1.18926	0.00	1.4E-09	3.9E-04	3.5E-04	1.6E-07	1.6E-01	5.5E-02	1.4E-09
232	1.25565	0.00	1.5E-09	3.9E-04	3.5E-04	1.7E-07	1.6E-01	5.5E-02	1.5E-09
233	1.26299	0.00	1.5E-09	3.9E-04	3.5E-04	1.7E-07	1.6E-01	5.5E-02	1.5E-09
234	1.22472	0.00	1.4E-09	3.9E-04	3.5E-04	1.7E-07	1.6E-01	5.5E-02	1.4E-09
235	1.14335	0.00	1.3E-09	3.9E-04	3.5E-04	1.6E-07	1.6E-01	5.5E-02	1.3E-09
236	1.07916	0.00	1.3E-09	3.9E-04	3.5E-04	1.5E-07	1.6E-01	5.5E-02	1.3E-09
237	0.9774	0.00	1.1E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.1E-09
238	0.87021	0.00	1.0E-09	3.9E-04	3.5E-04	1.2E-07	1.6E-01	5.5E-02	1.0E-09
239	0.79375	0.00	9.3E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.3E-10
240	0.71575	0.00	8.4E-10	3.9E-04	3.5E-04	9.8E-08	1.6E-01	5.5E-02	8.4E-10
241	0.6429	0.00	7.5E-10	3.9E-04	3.5E-04	8.8E-08	1.6E-01	5.5E-02	7.5E-10
242	0.47748	0.00	5.6E-10	3.9E-04	3.5E-04	6.5E-08	1.6E-01	5.5E-02	5.6E-10
243	0.55082	0.00	6.5E-10	3.9E-04	3.5E-04	7.5E-08	1.6E-01	5.5E-02	6.5E-10
244	0.63084	0.00	7.4E-10	3.9E-04	3.5E-04	8.6E-08	1.6E-01	5.5E-02	7.4E-10
245	0.72002	0.00	8.5E-10	3.9E-04	3.5E-04	9.8E-08	1.6E-01	5.5E-02	8.5E-10
246	0.80723	0.00	9.5E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.5E-10
247	0.88081	0.00	1.0E-09	3.9E-04	3.5E-04	1.2E-07	1.6E-01	5.5E-02	1.0E-09
248	0.92906	0.00	1.1E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.1E-09
249	0.933	0.00	1.1E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.1E-09
250	0.91756	0.00	1.1E-09	3.9E-04	3.5E-04	1.3E-07	1.6E-01	5.5E-02	1.1E-09
251	0.88565	0.00	1.0E-09	3.9E-04	3.5E-04	1.2E-07	1.6E-01	5.5E-02	1.0E-09
252	0.78582	0.00	9.2E-10	3.9E-04	3.5E-04	1.1E-07	1.6E-01	5.5E-02	9.2E-10
253	0.74465	0.00	8.7E-10	3.9E-04	3.5E-04	1.0E-07	1.6E-01	5.5E-02	8.7E-10
254	0.69658	0.00	8.2E-10	3.9E-04	3.5E-04	9.5E-08	1.6E-01	5.5E-02	8.2E-10
255	0.65158	0.00	7.6E-10	3.9E-04	3.5E-04	8.9E-08	1.6E-01	5.5E-02	7.6E-10
256	0.60533	0.00	7.1E-10	3.9E-04	3.5E-04	8.3E-08	1.6E-01	5.5E-02	7.1E-10
257	0.55759	0.00	6.5E-10	3.9E-04	3.5E-04	7.6E-08	1.6E-01	5.5E-02	6.5E-10

MUIR School Project

Risk From P1Demo - Mitigated Residential

0.08

0.03

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
258	0.40543	0.00	4.8E-10	3.9E-04	3.5E-04	5.5E-08	1.6E-01	5.5E-02	4.8E-10
259	0.45407	0.00	5.3E-10	3.9E-04	3.5E-04	6.2E-08	1.6E-01	5.5E-02	5.3E-10
260	0.5785	0.00	6.8E-10	3.9E-04	3.5E-04	7.9E-08	1.6E-01	5.5E-02	6.8E-10
261	0.63167	0.00	7.4E-10	3.9E-04	3.5E-04	8.6E-08	1.6E-01	5.5E-02	7.4E-10
262	0.68329	0.00	8.0E-10	3.9E-04	3.5E-04	9.3E-08	1.6E-01	5.5E-02	8.0E-10
263	0.69542	0.00	8.2E-10	3.9E-04	3.5E-04	9.5E-08	1.6E-01	5.5E-02	8.2E-10
264	0.72557	0.00	8.5E-10	3.9E-04	3.5E-04	9.9E-08	1.6E-01	5.5E-02	8.5E-10
265	0.67127	0.00	7.9E-10	3.9E-04	3.5E-04	9.1E-08	1.6E-01	5.5E-02	7.9E-10
266	0.66417	0.00	7.8E-10	3.9E-04	3.5E-04	9.1E-08	1.6E-01	5.5E-02	7.8E-10
267	0.66114	0.00	7.8E-10	3.9E-04	3.5E-04	9.0E-08	1.6E-01	5.5E-02	7.8E-10
268	0.59074	0.00	6.9E-10	3.9E-04	3.5E-04	8.1E-08	1.6E-01	5.5E-02	6.9E-10
269	0.56063	0.00	6.6E-10	3.9E-04	3.5E-04	7.6E-08	1.6E-01	5.5E-02	6.6E-10
270	0.53069	0.00	6.2E-10	3.9E-04	3.5E-04	7.2E-08	1.6E-01	5.5E-02	6.2E-10
271	0.50674	0.00	5.9E-10	3.9E-04	3.5E-04	6.9E-08	1.6E-01	5.5E-02	5.9E-10
272	0.47676	0.00	5.6E-10	3.9E-04	3.5E-04	6.5E-08	1.6E-01	5.5E-02	5.6E-10
273	0.50823	0.00	6.0E-10	3.9E-04	3.5E-04	6.9E-08	1.6E-01	5.5E-02	6.0E-10
274	0.54413	0.00	6.4E-10	3.9E-04	3.5E-04	7.4E-08	1.6E-01	5.5E-02	6.4E-10
275	0.56398	0.00	6.6E-10	3.9E-04	3.5E-04	7.7E-08	1.6E-01	5.5E-02	6.6E-10
276	0.57503	0.00	6.7E-10	3.9E-04	3.5E-04	7.8E-08	1.6E-01	5.5E-02	6.7E-10
277	0.53786	0.00	6.3E-10	3.9E-04	3.5E-04	7.3E-08	1.6E-01	5.5E-02	6.3E-10
278	0.53853	0.00	6.3E-10	3.9E-04	3.5E-04	7.3E-08	1.6E-01	5.5E-02	6.3E-10
279	0.54659	0.00	6.4E-10	3.9E-04	3.5E-04	7.5E-08	1.6E-01	5.5E-02	6.4E-10
280	0.47171	0.00	5.5E-10	3.9E-04	3.5E-04	6.4E-08	1.6E-01	5.5E-02	5.5E-10
281	0.45609	0.00	5.4E-10	3.9E-04	3.5E-04	6.2E-08	1.6E-01	5.5E-02	5.4E-10
282	0.43757	0.00	5.1E-10	3.9E-04	3.5E-04	6.0E-08	1.6E-01	5.5E-02	5.1E-10
283	0.40724	0.00	4.8E-10	3.9E-04	3.5E-04	5.6E-08	1.6E-01	5.5E-02	4.8E-10
284	0.39833	0.00	4.7E-10	3.9E-04	3.5E-04	5.4E-08	1.6E-01	5.5E-02	4.7E-10

Risk From P1SP - Mitigated Residential

MUIR School Project

Risk From P1SP - Mitigated Residential

	Max	0.0029					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
43	0.20727	0.0000	3.9E-11	4.2E-04	3.5E-04	3.0E-08	1.6E-01	8.2E-03	3.9E-11
44	0.23685	0.0000	4.5E-11	4.2E-04	3.5E-04	3.5E-08	1.6E-01	8.2E-03	4.5E-11
45	0.27274	0.0001	5.1E-11	4.2E-04	3.5E-04	4.0E-08	1.6E-01	8.2E-03	5.1E-11
46	0.31687	0.0001	6.0E-11	4.2E-04	3.5E-04	4.6E-08	1.6E-01	8.2E-03	6.0E-11
47	0.37035	0.0001	7.0E-11	4.2E-04	3.5E-04	5.4E-08	1.6E-01	8.2E-03	7.0E-11
48	0.43447	0.0001	8.2E-11	4.2E-04	3.5E-04	6.3E-08	1.6E-01	8.2E-03	8.2E-11
49	0.51047	0.0001	9.6E-11	4.2E-04	3.5E-04	7.4E-08	1.6E-01	8.2E-03	9.6E-11
50	0.59635	0.0001	1.1E-10	4.2E-04	3.5E-04	8.7E-08	1.6E-01	8.2E-03	1.1E-10
51	0.68953	0.0001	1.3E-10	4.2E-04	3.5E-04	1.0E-07	1.6E-01	8.2E-03	1.3E-10
52	0.78328	0.0001	1.5E-10	4.2E-04	3.5E-04	1.1E-07	1.6E-01	8.2E-03	1.5E-10
53	0.87144	0.0002	1.6E-10	4.2E-04	3.5E-04	1.3E-07	1.6E-01	8.2E-03	1.6E-10
54	0.94536	0.0002	1.8E-10	4.2E-04	3.5E-04	1.4E-07	1.6E-01	8.2E-03	1.8E-10
55	1.01793	0.0002	1.9E-10	4.2E-04	3.5E-04	1.5E-07	1.6E-01	8.2E-03	1.9E-10
56	0.99543	0.0002	1.9E-10	4.2E-04	3.5E-04	1.5E-07	1.6E-01	8.2E-03	1.9E-10
57	0.94394	0.0002	1.8E-10	4.2E-04	3.5E-04	1.4E-07	1.6E-01	8.2E-03	1.8E-10
58	0.87754	0.0002	1.7E-10	4.2E-04	3.5E-04	1.3E-07	1.6E-01	8.2E-03	1.7E-10
59	0.80381	0.0002	1.5E-10	4.2E-04	3.5E-04	1.2E-07	1.6E-01	8.2E-03	1.5E-10
60	0.72912	0.0001	1.4E-10	4.2E-04	3.5E-04	1.1E-07	1.6E-01	8.2E-03	1.4E-10
61	0.25561	0.0000	4.8E-11	4.2E-04	3.5E-04	3.7E-08	1.6E-01	8.2E-03	4.8E-11
62	0.29963	0.0001	5.6E-11	4.2E-04	3.5E-04	4.4E-08	1.6E-01	8.2E-03	5.6E-11
63	0.35412	0.0001	6.7E-11	4.2E-04	3.5E-04	5.2E-08	1.6E-01	8.2E-03	6.7E-11
64	0.42313	0.0001	8.0E-11	4.2E-04	3.5E-04	6.2E-08	1.6E-01	8.2E-03	8.0E-11
65	0.51026	0.0001	9.6E-11	4.2E-04	3.5E-04	7.4E-08	1.6E-01	8.2E-03	9.6E-11
66	0.62133	0.0001	1.2E-10	4.2E-04	3.5E-04	9.1E-08	1.6E-01	8.2E-03	1.2E-10
67	0.75843	0.0001	1.4E-10	4.2E-04	3.5E-04	1.1E-07	1.6E-01	8.2E-03	1.4E-10
68	0.91637	0.0002	1.7E-10	4.2E-04	3.5E-04	1.3E-07	1.6E-01	8.2E-03	1.7E-10
69	1.08296	0.0002	2.0E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.0E-10
70	1.24185	0.0002	2.3E-10	4.2E-04	3.5E-04	1.8E-07	1.6E-01	8.2E-03	2.3E-10
71	1.37063	0.0003	2.6E-10	4.2E-04	3.5E-04	2.0E-07	1.6E-01	8.2E-03	2.6E-10
72	1.2305	0.0002	2.3E-10	4.2E-04	3.5E-04	1.8E-07	1.6E-01	8.2E-03	2.3E-10
73	1.1052	0.0002	2.1E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.1E-10
74	0.98158	0.0002	1.8E-10	4.2E-04	3.5E-04	1.4E-07	1.6E-01	8.2E-03	1.8E-10
75	0.86582	0.0002	1.6E-10	4.2E-04	3.5E-04	1.3E-07	1.6E-01	8.2E-03	1.6E-10
76	0.24862	0.0000	4.7E-11	4.2E-04	3.5E-04	3.6E-08	1.6E-01	8.2E-03	4.7E-11
77	0.3052	0.0001	5.7E-11	4.2E-04	3.5E-04	4.4E-08	1.6E-01	8.2E-03	5.7E-11
78	0.37842	0.0001	7.1E-11	4.2E-04	3.5E-04	5.5E-08	1.6E-01	8.2E-03	7.1E-11
79	0.4808	0.0001	9.1E-11	4.2E-04	3.5E-04	7.0E-08	1.6E-01	8.2E-03	9.1E-11
80	0.59979	0.0001	1.1E-10	4.2E-04	3.5E-04	8.7E-08	1.6E-01	8.2E-03	1.1E-10
81	0.76088	0.0001	1.4E-10	4.2E-04	3.5E-04	1.1E-07	1.6E-01	8.2E-03	1.4E-10
82	0.98431	0.0002	1.9E-10	4.2E-04	3.5E-04	1.4E-07	1.6E-01	8.2E-03	1.9E-10
83	1.27257	0.0002	2.4E-10	4.2E-04	3.5E-04	1.9E-07	1.6E-01	8.2E-03	2.4E-10
84	1.60817	0.0003	3.0E-10	4.2E-04	3.5E-04	2.3E-07	1.6E-01	8.2E-03	3.0E-10
85	1.93574	0.0004	3.6E-10	4.2E-04	3.5E-04	2.8E-07	1.6E-01	8.2E-03	3.6E-10

MUIR School Project

Risk From P1SP - Mitigated Residential

	Max	0.0029					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
86	2.18065	0.0004	4.1E-10	4.2E-04	3.5E-04	3.2E-07	1.6E-01	8.2E-03	4.1E-10
87	1.61117	0.0003	3.0E-10	4.2E-04	3.5E-04	2.3E-07	1.6E-01	8.2E-03	3.0E-10
88	1.38491	0.0003	2.6E-10	4.2E-04	3.5E-04	2.0E-07	1.6E-01	8.2E-03	2.6E-10
89	1.18444	0.0002	2.2E-10	4.2E-04	3.5E-04	1.7E-07	1.6E-01	8.2E-03	2.2E-10
90	1.01127	0.0002	1.9E-10	4.2E-04	3.5E-04	1.5E-07	1.6E-01	8.2E-03	1.9E-10
91	0.86319	0.0002	1.6E-10	4.2E-04	3.5E-04	1.3E-07	1.6E-01	8.2E-03	1.6E-10
92	0.28607	0.0001	5.4E-11	4.2E-04	3.5E-04	4.2E-08	1.6E-01	8.2E-03	5.4E-11
93	0.34632	0.0001	6.5E-11	4.2E-04	3.5E-04	5.0E-08	1.6E-01	8.2E-03	6.5E-11
94	0.42093	0.0001	7.9E-11	4.2E-04	3.5E-04	6.1E-08	1.6E-01	8.2E-03	7.9E-11
95	0.53865	0.0001	1.0E-10	4.2E-04	3.5E-04	7.9E-08	1.6E-01	8.2E-03	1.0E-10
96	0.69483	0.0001	1.3E-10	4.2E-04	3.5E-04	1.0E-07	1.6E-01	8.2E-03	1.3E-10
97	0.92138	0.0002	1.7E-10	4.2E-04	3.5E-04	1.3E-07	1.6E-01	8.2E-03	1.7E-10
98	1.29204	0.0002	2.4E-10	4.2E-04	3.5E-04	1.9E-07	1.6E-01	8.2E-03	2.4E-10
99	1.86179	0.0004	3.5E-10	4.2E-04	3.5E-04	2.7E-07	1.6E-01	8.2E-03	3.5E-10
100	2.66716	0.0005	5.0E-10	4.2E-04	3.5E-04	3.9E-07	1.6E-01	8.2E-03	5.0E-10
101	3.48263	0.0007	6.6E-10	4.2E-04	3.5E-04	5.1E-07	1.6E-01	8.2E-03	6.6E-10
102	4.03452	0.0008	7.6E-10	4.2E-04	3.5E-04	5.9E-07	1.6E-01	8.2E-03	7.6E-10
103	3.11168	0.0006	5.9E-10	4.2E-04	3.5E-04	4.5E-07	1.6E-01	8.2E-03	5.9E-10
104	2.08998	0.0004	3.9E-10	4.2E-04	3.5E-04	3.0E-07	1.6E-01	8.2E-03	3.9E-10
105	1.70245	0.0003	3.2E-10	4.2E-04	3.5E-04	2.5E-07	1.6E-01	8.2E-03	3.2E-10
106	1.39562	0.0003	2.6E-10	4.2E-04	3.5E-04	2.0E-07	1.6E-01	8.2E-03	2.6E-10
107	1.15094	0.0002	2.2E-10	4.2E-04	3.5E-04	1.7E-07	1.6E-01	8.2E-03	2.2E-10
108	0.9559	0.0002	1.8E-10	4.2E-04	3.5E-04	1.4E-07	1.6E-01	8.2E-03	1.8E-10
109	0.36648	0.0001	6.9E-11	4.2E-04	3.5E-04	5.3E-08	1.6E-01	8.2E-03	6.9E-11
110	0.45587	0.0001	8.6E-11	4.2E-04	3.5E-04	6.6E-08	1.6E-01	8.2E-03	8.6E-11
111	0.59082	0.0001	1.1E-10	4.2E-04	3.5E-04	8.6E-08	1.6E-01	8.2E-03	1.1E-10
112	0.78458	0.0001	1.5E-10	4.2E-04	3.5E-04	1.1E-07	1.6E-01	8.2E-03	1.5E-10
113	1.08395	0.0002	2.0E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.0E-10
114	1.66195	0.0003	3.1E-10	4.2E-04	3.5E-04	2.4E-07	1.6E-01	8.2E-03	3.1E-10
115	2.81401	0.0005	5.3E-10	4.2E-04	3.5E-04	4.1E-07	1.6E-01	8.2E-03	5.3E-10
116	5.36234	0.0010	1.0E-09	4.2E-04	3.5E-04	7.8E-07	1.6E-01	8.2E-03	1.0E-09
117	8.78975	0.0017	1.7E-09	4.2E-04	3.5E-04	1.3E-06	1.6E-01	8.2E-03	1.7E-09
118	9.73985	0.0018	1.8E-09	4.2E-04	3.5E-04	1.4E-06	1.6E-01	8.2E-03	1.8E-09
119	4.68774	0.0009	8.8E-10	4.2E-04	3.5E-04	6.8E-07	1.6E-01	8.2E-03	8.8E-10
120	3.4782	0.0007	6.5E-10	4.2E-04	3.5E-04	5.1E-07	1.6E-01	8.2E-03	6.5E-10
121	2.62152	0.0005	4.9E-10	4.2E-04	3.5E-04	3.8E-07	1.6E-01	8.2E-03	4.9E-10
122	2.02405	0.0004	3.8E-10	4.2E-04	3.5E-04	3.0E-07	1.6E-01	8.2E-03	3.8E-10
123	1.58732	0.0003	3.0E-10	4.2E-04	3.5E-04	2.3E-07	1.6E-01	8.2E-03	3.0E-10
124	1.2641	0.0002	2.4E-10	4.2E-04	3.5E-04	1.8E-07	1.6E-01	8.2E-03	2.4E-10
125	1.02761	0.0002	1.9E-10	4.2E-04	3.5E-04	1.5E-07	1.6E-01	8.2E-03	1.9E-10
126	0.48155	0.0001	9.1E-11	4.2E-04	3.5E-04	7.0E-08	1.6E-01	8.2E-03	9.1E-11
127	0.62836	0.0001	1.2E-10	4.2E-04	3.5E-04	9.2E-08	1.6E-01	8.2E-03	1.2E-10
128	0.85104	0.0002	1.6E-10	4.2E-04	3.5E-04	1.2E-07	1.6E-01	8.2E-03	1.6E-10

MUIR School Project

Risk From P1SP - Mitigated Residential

Max 0.0029

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	1.20198	0.0002	2.3E-10	4.2E-04	3.5E-04	1.8E-07	1.6E-01	8.2E-03	2.3E-10
130	1.92199	0.0004	3.6E-10	4.2E-04	3.5E-04	2.8E-07	1.6E-01	8.2E-03	3.6E-10
131	4.00928	0.0008	7.5E-10	4.2E-04	3.5E-04	5.8E-07	1.6E-01	8.2E-03	7.5E-10
132	15.45	0.0029	2.9E-09	4.2E-04	3.5E-04	2.3E-06	1.6E-01	8.2E-03	2.9E-09
133	6.73	0.0013	1.3E-09	4.2E-04	3.5E-04	9.8E-07	1.6E-01	8.2E-03	1.3E-09
134	4.50342	0.0008	8.5E-10	4.2E-04	3.5E-04	6.6E-07	1.6E-01	8.2E-03	8.5E-10
135	3.14887	0.0006	5.9E-10	4.2E-04	3.5E-04	4.6E-07	1.6E-01	8.2E-03	5.9E-10
136	2.29929	0.0004	4.3E-10	4.2E-04	3.5E-04	3.4E-07	1.6E-01	8.2E-03	4.3E-10
137	1.73071	0.0003	3.3E-10	4.2E-04	3.5E-04	2.5E-07	1.6E-01	8.2E-03	3.3E-10
138	1.3476	0.0003	2.5E-10	4.2E-04	3.5E-04	2.0E-07	1.6E-01	8.2E-03	2.5E-10
139	1.07569	0.0002	2.0E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.0E-10
140	0.4943	0.0001	9.3E-11	4.2E-04	3.5E-04	7.2E-08	1.6E-01	8.2E-03	9.3E-11
141	0.64623	0.0001	1.2E-10	4.2E-04	3.5E-04	9.4E-08	1.6E-01	8.2E-03	1.2E-10
142	0.87855	0.0002	1.7E-10	4.2E-04	3.5E-04	1.3E-07	1.6E-01	8.2E-03	1.7E-10
143	1.26133	0.0002	2.4E-10	4.2E-04	3.5E-04	1.8E-07	1.6E-01	8.2E-03	2.4E-10
144	2.0261	0.0004	3.8E-10	4.2E-04	3.5E-04	3.0E-07	1.6E-01	8.2E-03	3.8E-10
145	8.83488	0.0017	1.7E-09	4.2E-04	3.5E-04	1.3E-06	1.6E-01	8.2E-03	1.7E-09
146	5.25775	0.0010	9.9E-10	4.2E-04	3.5E-04	7.7E-07	1.6E-01	8.2E-03	9.9E-10
147	3.52146	0.0007	6.6E-10	4.2E-04	3.5E-04	5.1E-07	1.6E-01	8.2E-03	6.6E-10
148	2.47715	0.0005	4.7E-10	4.2E-04	3.5E-04	3.6E-07	1.6E-01	8.2E-03	4.7E-10
149	1.82802	0.0003	3.4E-10	4.2E-04	3.5E-04	2.7E-07	1.6E-01	8.2E-03	3.4E-10
150	1.40005	0.0003	2.6E-10	4.2E-04	3.5E-04	2.0E-07	1.6E-01	8.2E-03	2.6E-10
151	1.11496	0.0002	2.1E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.1E-10
152	0.85915	0.0002	1.6E-10	4.2E-04	3.5E-04	1.3E-07	1.6E-01	8.2E-03	1.6E-10
153	1.22122	0.0002	2.3E-10	4.2E-04	3.5E-04	1.8E-07	1.6E-01	8.2E-03	2.3E-10
154	1.83045	0.0003	3.4E-10	4.2E-04	3.5E-04	2.7E-07	1.6E-01	8.2E-03	3.4E-10
155	5.56842	0.0010	1.0E-09	4.2E-04	3.5E-04	8.1E-07	1.6E-01	8.2E-03	1.0E-09
156	3.62814	0.0007	6.8E-10	4.2E-04	3.5E-04	5.3E-07	1.6E-01	8.2E-03	6.8E-10
157	2.5352	0.0005	4.8E-10	4.2E-04	3.5E-04	3.7E-07	1.6E-01	8.2E-03	4.8E-10
158	1.85951	0.0004	3.5E-10	4.2E-04	3.5E-04	2.7E-07	1.6E-01	8.2E-03	3.5E-10
159	1.4296	0.0003	2.7E-10	4.2E-04	3.5E-04	2.1E-07	1.6E-01	8.2E-03	2.7E-10
160	1.13082	0.0002	2.1E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.1E-10
161	0.61046	0.0001	1.1E-10	4.2E-04	3.5E-04	8.9E-08	1.6E-01	8.2E-03	1.1E-10
162	0.8028	0.0002	1.5E-10	4.2E-04	3.5E-04	1.2E-07	1.6E-01	8.2E-03	1.5E-10
163	1.11175	0.0002	2.1E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.1E-10
164	1.59756	0.0003	3.0E-10	4.2E-04	3.5E-04	2.3E-07	1.6E-01	8.2E-03	3.0E-10
165	2.47391	0.0005	4.7E-10	4.2E-04	3.5E-04	3.6E-07	1.6E-01	8.2E-03	4.7E-10
166	5.04491	0.0009	9.5E-10	4.2E-04	3.5E-04	7.4E-07	1.6E-01	8.2E-03	9.5E-10
167	3.42804	0.0006	6.5E-10	4.2E-04	3.5E-04	5.0E-07	1.6E-01	8.2E-03	6.5E-10
168	2.45873	0.0005	4.6E-10	4.2E-04	3.5E-04	3.6E-07	1.6E-01	8.2E-03	4.6E-10
169	1.83849	0.0003	3.5E-10	4.2E-04	3.5E-04	2.7E-07	1.6E-01	8.2E-03	3.5E-10
170	1.43338	0.0003	2.7E-10	4.2E-04	3.5E-04	2.1E-07	1.6E-01	8.2E-03	2.7E-10
171	1.13144	0.0002	2.1E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.1E-10

MUIR School Project

Risk From P1SP - Mitigated Residential

Max 0.0029

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	0.56599	0.0001	1.1E-10	4.2E-04	3.5E-04	8.2E-08	1.6E-01	8.2E-03	1.1E-10
173	0.73173	0.0001	1.4E-10	4.2E-04	3.5E-04	1.1E-07	1.6E-01	8.2E-03	1.4E-10
174	0.98014	0.0002	1.8E-10	4.2E-04	3.5E-04	1.4E-07	1.6E-01	8.2E-03	1.8E-10
175	1.34104	0.0003	2.5E-10	4.2E-04	3.5E-04	2.0E-07	1.6E-01	8.2E-03	2.5E-10
176	1.91638	0.0004	3.6E-10	4.2E-04	3.5E-04	2.8E-07	1.6E-01	8.2E-03	3.6E-10
177	7.67249	0.0014	1.4E-09	4.2E-04	3.5E-04	1.1E-06	1.6E-01	8.2E-03	1.4E-09
178	5.55591	0.0010	1.0E-09	4.2E-04	3.5E-04	8.1E-07	1.6E-01	8.2E-03	1.0E-09
179	4.02195	0.0008	7.6E-10	4.2E-04	3.5E-04	5.9E-07	1.6E-01	8.2E-03	7.6E-10
180	2.96909	0.0006	5.6E-10	4.2E-04	3.5E-04	4.3E-07	1.6E-01	8.2E-03	5.6E-10
181	2.24295	0.0004	4.2E-10	4.2E-04	3.5E-04	3.3E-07	1.6E-01	8.2E-03	4.2E-10
182	1.74833	0.0003	3.3E-10	4.2E-04	3.5E-04	2.5E-07	1.6E-01	8.2E-03	3.3E-10
183	1.38812	0.0003	2.6E-10	4.2E-04	3.5E-04	2.0E-07	1.6E-01	8.2E-03	2.6E-10
184	1.11248	0.0002	2.1E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.1E-10
185	1.09296	0.0002	2.1E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.1E-10
186	1.47467	0.0003	2.8E-10	4.2E-04	3.5E-04	2.1E-07	1.6E-01	8.2E-03	2.8E-10
187	2.02253	0.0004	3.8E-10	4.2E-04	3.5E-04	2.9E-07	1.6E-01	8.2E-03	3.8E-10
188	3.82427	0.0007	7.2E-10	4.2E-04	3.5E-04	5.6E-07	1.6E-01	8.2E-03	7.2E-10
189	4.34641	0.0008	8.2E-10	4.2E-04	3.5E-04	6.3E-07	1.6E-01	8.2E-03	8.2E-10
190	4.14842	0.0008	7.8E-10	4.2E-04	3.5E-04	6.0E-07	1.6E-01	8.2E-03	7.8E-10
191	3.57403	0.0007	6.7E-10	4.2E-04	3.5E-04	5.2E-07	1.6E-01	8.2E-03	6.7E-10
192	2.93068	0.0006	5.5E-10	4.2E-04	3.5E-04	4.3E-07	1.6E-01	8.2E-03	5.5E-10
193	2.36792	0.0004	4.5E-10	4.2E-04	3.5E-04	3.5E-07	1.6E-01	8.2E-03	4.5E-10
194	1.91199	0.0004	3.6E-10	4.2E-04	3.5E-04	2.8E-07	1.6E-01	8.2E-03	3.6E-10
195	1.5612	0.0003	2.9E-10	4.2E-04	3.5E-04	2.3E-07	1.6E-01	8.2E-03	2.9E-10
196	1.28114	0.0002	2.4E-10	4.2E-04	3.5E-04	1.9E-07	1.6E-01	8.2E-03	2.4E-10
197	1.05832	0.0002	2.0E-10	4.2E-04	3.5E-04	1.5E-07	1.6E-01	8.2E-03	2.0E-10
198	0.70577	0.0001	1.3E-10	4.2E-04	3.5E-04	1.0E-07	1.6E-01	8.2E-03	1.3E-10
199	0.88084	0.0002	1.7E-10	4.2E-04	3.5E-04	1.3E-07	1.6E-01	8.2E-03	1.7E-10
200	1.11538	0.0002	2.1E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.1E-10
201	1.40381	0.0003	2.6E-10	4.2E-04	3.5E-04	2.0E-07	1.6E-01	8.2E-03	2.6E-10
202	1.78136	0.0003	3.4E-10	4.2E-04	3.5E-04	2.6E-07	1.6E-01	8.2E-03	3.4E-10
203	2.16391	0.0004	4.1E-10	4.2E-04	3.5E-04	3.2E-07	1.6E-01	8.2E-03	4.1E-10
204	2.44533	0.0005	4.6E-10	4.2E-04	3.5E-04	3.6E-07	1.6E-01	8.2E-03	4.6E-10
205	2.47589	0.0005	4.7E-10	4.2E-04	3.5E-04	3.6E-07	1.6E-01	8.2E-03	4.7E-10
206	2.3044	0.0004	4.3E-10	4.2E-04	3.5E-04	3.4E-07	1.6E-01	8.2E-03	4.3E-10
207	2.06284	0.0004	3.9E-10	4.2E-04	3.5E-04	3.0E-07	1.6E-01	8.2E-03	3.9E-10
208	1.79692	0.0003	3.4E-10	4.2E-04	3.5E-04	2.6E-07	1.6E-01	8.2E-03	3.4E-10
209	1.52636	0.0003	2.9E-10	4.2E-04	3.5E-04	2.2E-07	1.6E-01	8.2E-03	2.9E-10
210	1.3157	0.0002	2.5E-10	4.2E-04	3.5E-04	1.9E-07	1.6E-01	8.2E-03	2.5E-10
211	1.12709	0.0002	2.1E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.1E-10
212	0.95992	0.0002	1.8E-10	4.2E-04	3.5E-04	1.4E-07	1.6E-01	8.2E-03	1.8E-10
213	0.59347	0.0001	1.1E-10	4.2E-04	3.5E-04	8.6E-08	1.6E-01	8.2E-03	1.1E-10
214	0.71394	0.0001	1.3E-10	4.2E-04	3.5E-04	1.0E-07	1.6E-01	8.2E-03	1.3E-10

MUIR School Project

Risk From P1SP - Mitigated Residential

	Max	0.0029					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
215	0.85374	0.0002	1.6E-10	4.2E-04	3.5E-04	1.2E-07	1.6E-01	8.2E-03	1.6E-10
216	1.03075	0.0002	1.9E-10	4.2E-04	3.5E-04	1.5E-07	1.6E-01	8.2E-03	1.9E-10
217	1.228	0.0002	2.3E-10	4.2E-04	3.5E-04	1.8E-07	1.6E-01	8.2E-03	2.3E-10
218	1.43113	0.0003	2.7E-10	4.2E-04	3.5E-04	2.1E-07	1.6E-01	8.2E-03	2.7E-10
219	1.5608	0.0003	2.9E-10	4.2E-04	3.5E-04	2.3E-07	1.6E-01	8.2E-03	2.9E-10
220	1.61515	0.0003	3.0E-10	4.2E-04	3.5E-04	2.4E-07	1.6E-01	8.2E-03	3.0E-10
221	1.57459	0.0003	3.0E-10	4.2E-04	3.5E-04	2.3E-07	1.6E-01	8.2E-03	3.0E-10
222	1.46946	0.0003	2.8E-10	4.2E-04	3.5E-04	2.1E-07	1.6E-01	8.2E-03	2.8E-10
223	1.32761	0.0002	2.5E-10	4.2E-04	3.5E-04	1.9E-07	1.6E-01	8.2E-03	2.5E-10
224	1.21357	0.0002	2.3E-10	4.2E-04	3.5E-04	1.8E-07	1.6E-01	8.2E-03	2.3E-10
225	1.0657	0.0002	2.0E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.0E-10
226	0.93441	0.0002	1.8E-10	4.2E-04	3.5E-04	1.4E-07	1.6E-01	8.2E-03	1.8E-10
227	0.83438	0.0002	1.6E-10	4.2E-04	3.5E-04	1.2E-07	1.6E-01	8.2E-03	1.6E-10
228	0.57842	0.0001	1.1E-10	4.2E-04	3.5E-04	8.4E-08	1.6E-01	8.2E-03	1.1E-10
229	0.67649	0.0001	1.3E-10	4.2E-04	3.5E-04	9.9E-08	1.6E-01	8.2E-03	1.3E-10
230	0.78507	0.0001	1.5E-10	4.2E-04	3.5E-04	1.1E-07	1.6E-01	8.2E-03	1.5E-10
231	0.90433	0.0002	1.7E-10	4.2E-04	3.5E-04	1.3E-07	1.6E-01	8.2E-03	1.7E-10
232	1.01552	0.0002	1.9E-10	4.2E-04	3.5E-04	1.5E-07	1.6E-01	8.2E-03	1.9E-10
233	1.10778	0.0002	2.1E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.1E-10
234	1.14436	0.0002	2.2E-10	4.2E-04	3.5E-04	1.7E-07	1.6E-01	8.2E-03	2.2E-10
235	1.11388	0.0002	2.1E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.1E-10
236	1.08598	0.0002	2.0E-10	4.2E-04	3.5E-04	1.6E-07	1.6E-01	8.2E-03	2.0E-10
237	1.00434	0.0002	1.9E-10	4.2E-04	3.5E-04	1.5E-07	1.6E-01	8.2E-03	1.9E-10
238	0.89048	0.0002	1.7E-10	4.2E-04	3.5E-04	1.3E-07	1.6E-01	8.2E-03	1.7E-10
239	0.83229	0.0002	1.6E-10	4.2E-04	3.5E-04	1.2E-07	1.6E-01	8.2E-03	1.6E-10
240	0.76658	0.0001	1.4E-10	4.2E-04	3.5E-04	1.1E-07	1.6E-01	8.2E-03	1.4E-10
241	0.70302	0.0001	1.3E-10	4.2E-04	3.5E-04	1.0E-07	1.6E-01	8.2E-03	1.3E-10
242	0.36447	0.0001	6.9E-11	4.2E-04	3.5E-04	5.3E-08	1.6E-01	8.2E-03	6.9E-11
243	0.41823	0.0001	7.9E-11	4.2E-04	3.5E-04	6.1E-08	1.6E-01	8.2E-03	7.9E-11
244	0.47794	0.0001	9.0E-11	4.2E-04	3.5E-04	7.0E-08	1.6E-01	8.2E-03	9.0E-11
245	0.54635	0.0001	1.0E-10	4.2E-04	3.5E-04	8.0E-08	1.6E-01	8.2E-03	1.0E-10
246	0.61923	0.0001	1.2E-10	4.2E-04	3.5E-04	9.0E-08	1.6E-01	8.2E-03	1.2E-10
247	0.69339	0.0001	1.3E-10	4.2E-04	3.5E-04	1.0E-07	1.6E-01	8.2E-03	1.3E-10
248	0.77015	0.0001	1.4E-10	4.2E-04	3.5E-04	1.1E-07	1.6E-01	8.2E-03	1.4E-10
249	0.82339	0.0002	1.6E-10	4.2E-04	3.5E-04	1.2E-07	1.6E-01	8.2E-03	1.6E-10
250	0.85263	0.0002	1.6E-10	4.2E-04	3.5E-04	1.2E-07	1.6E-01	8.2E-03	1.6E-10
251	0.85237	0.0002	1.6E-10	4.2E-04	3.5E-04	1.2E-07	1.6E-01	8.2E-03	1.6E-10
252	0.76969	0.0001	1.4E-10	4.2E-04	3.5E-04	1.1E-07	1.6E-01	8.2E-03	1.4E-10
253	0.73469	0.0001	1.4E-10	4.2E-04	3.5E-04	1.1E-07	1.6E-01	8.2E-03	1.4E-10
254	0.69257	0.0001	1.3E-10	4.2E-04	3.5E-04	1.0E-07	1.6E-01	8.2E-03	1.3E-10
255	0.65645	0.0001	1.2E-10	4.2E-04	3.5E-04	9.6E-08	1.6E-01	8.2E-03	1.2E-10
256	0.6202	0.0001	1.2E-10	4.2E-04	3.5E-04	9.0E-08	1.6E-01	8.2E-03	1.2E-10
257	0.58138	0.0001	1.1E-10	4.2E-04	3.5E-04	8.5E-08	1.6E-01	8.2E-03	1.1E-10

MUIR School Project

Risk From P1SP - Mitigated Residential

Max 0.0029

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
258	0.31897	0.0001	6.0E-11	4.2E-04	3.5E-04	4.6E-08	1.6E-01	8.2E-03	6.0E-11
259	0.35658	0.0001	6.7E-11	4.2E-04	3.5E-04	5.2E-08	1.6E-01	8.2E-03	6.7E-11
260	0.45479	0.0001	8.6E-11	4.2E-04	3.5E-04	6.6E-08	1.6E-01	8.2E-03	8.6E-11
261	0.50132	0.0001	9.4E-11	4.2E-04	3.5E-04	7.3E-08	1.6E-01	8.2E-03	9.4E-11
262	0.5553	0.0001	1.0E-10	4.2E-04	3.5E-04	8.1E-08	1.6E-01	8.2E-03	1.0E-10
263	0.588	0.0001	1.1E-10	4.2E-04	3.5E-04	8.6E-08	1.6E-01	8.2E-03	1.1E-10
264	0.6418	0.0001	1.2E-10	4.2E-04	3.5E-04	9.4E-08	1.6E-01	8.2E-03	1.2E-10
265	0.62366	0.0001	1.2E-10	4.2E-04	3.5E-04	9.1E-08	1.6E-01	8.2E-03	1.2E-10
266	0.63894	0.0001	1.2E-10	4.2E-04	3.5E-04	9.3E-08	1.6E-01	8.2E-03	1.2E-10
267	0.64916	0.0001	1.2E-10	4.2E-04	3.5E-04	9.5E-08	1.6E-01	8.2E-03	1.2E-10
268	0.58084	0.0001	1.1E-10	4.2E-04	3.5E-04	8.5E-08	1.6E-01	8.2E-03	1.1E-10
269	0.55216	0.0001	1.0E-10	4.2E-04	3.5E-04	8.0E-08	1.6E-01	8.2E-03	1.0E-10
270	0.52408	0.0001	9.9E-11	4.2E-04	3.5E-04	7.6E-08	1.6E-01	8.2E-03	9.9E-11
271	0.50624	0.0001	9.5E-11	4.2E-04	3.5E-04	7.4E-08	1.6E-01	8.2E-03	9.5E-11
272	0.48186	0.0001	9.1E-11	4.2E-04	3.5E-04	7.0E-08	1.6E-01	8.2E-03	9.1E-11
273	0.41418	0.0001	7.8E-11	4.2E-04	3.5E-04	6.0E-08	1.6E-01	8.2E-03	7.8E-11
274	0.45215	0.0001	8.5E-11	4.2E-04	3.5E-04	6.6E-08	1.6E-01	8.2E-03	8.5E-11
275	0.48321	0.0001	9.1E-11	4.2E-04	3.5E-04	7.0E-08	1.6E-01	8.2E-03	9.1E-11
276	0.51334	0.0001	9.7E-11	4.2E-04	3.5E-04	7.5E-08	1.6E-01	8.2E-03	9.7E-11
277	0.49995	0.0001	9.4E-11	4.2E-04	3.5E-04	7.3E-08	1.6E-01	8.2E-03	9.4E-11
278	0.51529	0.0001	9.7E-11	4.2E-04	3.5E-04	7.5E-08	1.6E-01	8.2E-03	9.7E-11
279	0.5323	0.0001	1.0E-10	4.2E-04	3.5E-04	7.8E-08	1.6E-01	8.2E-03	1.0E-10
280	0.4651	0.0001	8.8E-11	4.2E-04	3.5E-04	6.8E-08	1.6E-01	8.2E-03	8.8E-11
281	0.44938	0.0001	8.5E-11	4.2E-04	3.5E-04	6.5E-08	1.6E-01	8.2E-03	8.5E-11
282	0.43046	0.0001	8.1E-11	4.2E-04	3.5E-04	6.3E-08	1.6E-01	8.2E-03	8.1E-11
283	0.39803	0.0001	7.5E-11	4.2E-04	3.5E-04	5.8E-08	1.6E-01	8.2E-03	7.5E-11
284	0.3932	0.0001	7.4E-11	4.2E-04	3.5E-04	5.7E-08	1.6E-01	8.2E-03	7.4E-11

Risk From P1G - Mitigated Residential

MUIR School Project

Risk From P1G - Mitigated Residential

	Max	0.01					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
43	0.24008	0.00	7.6E-11	3.5E-04	3.5E-04	2.9E-08	1.6E-01	1.6E-02	7.6E-11
44	0.2756	0.00	8.7E-11	3.5E-04	3.5E-04	3.4E-08	1.6E-01	1.6E-02	8.7E-11
45	0.31832	0.00	1.0E-10	3.5E-04	3.5E-04	3.9E-08	1.6E-01	1.6E-02	1.0E-10
46	0.37008	0.00	1.2E-10	3.5E-04	3.5E-04	4.5E-08	1.6E-01	1.6E-02	1.2E-10
47	0.43097	0.00	1.4E-10	3.5E-04	3.5E-04	5.3E-08	1.6E-01	1.6E-02	1.4E-10
48	0.50084	0.00	1.6E-10	3.5E-04	3.5E-04	6.1E-08	1.6E-01	1.6E-02	1.6E-10
49	0.57868	0.00	1.8E-10	3.5E-04	3.5E-04	7.1E-08	1.6E-01	1.6E-02	1.8E-10
50	0.65958	0.00	2.1E-10	3.5E-04	3.5E-04	8.1E-08	1.6E-01	1.6E-02	2.1E-10
51	0.73977	0.00	2.3E-10	3.5E-04	3.5E-04	9.0E-08	1.6E-01	1.6E-02	2.3E-10
52	0.81366	0.00	2.6E-10	3.5E-04	3.5E-04	9.9E-08	1.6E-01	1.6E-02	2.6E-10
53	0.87757	0.00	2.8E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.8E-10
54	0.92333	0.00	2.9E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.9E-10
55	0.90419	0.00	2.9E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.9E-10
56	0.86139	0.00	2.7E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.7E-10
57	0.80253	0.00	2.5E-10	3.5E-04	3.5E-04	9.8E-08	1.6E-01	1.6E-02	2.5E-10
58	0.73798	0.00	2.3E-10	3.5E-04	3.5E-04	9.0E-08	1.6E-01	1.6E-02	2.3E-10
59	0.67234	0.00	2.1E-10	3.5E-04	3.5E-04	8.2E-08	1.6E-01	1.6E-02	2.1E-10
60	0.60906	0.00	1.9E-10	3.5E-04	3.5E-04	7.4E-08	1.6E-01	1.6E-02	1.9E-10
61	0.30345	0.00	9.6E-11	3.5E-04	3.5E-04	3.7E-08	1.6E-01	1.6E-02	9.6E-11
62	0.35862	0.00	1.1E-10	3.5E-04	3.5E-04	4.4E-08	1.6E-01	1.6E-02	1.1E-10
63	0.42631	0.00	1.3E-10	3.5E-04	3.5E-04	5.2E-08	1.6E-01	1.6E-02	1.3E-10
64	0.51034	0.00	1.6E-10	3.5E-04	3.5E-04	6.2E-08	1.6E-01	1.6E-02	1.6E-10
65	0.61254	0.00	1.9E-10	3.5E-04	3.5E-04	7.5E-08	1.6E-01	1.6E-02	1.9E-10
66	0.73508	0.00	2.3E-10	3.5E-04	3.5E-04	9.0E-08	1.6E-01	1.6E-02	2.3E-10
67	0.87307	0.00	2.8E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.8E-10
68	1.01396	0.00	3.2E-10	3.5E-04	3.5E-04	1.2E-07	1.6E-01	1.6E-02	3.2E-10
69	1.14467	0.00	3.6E-10	3.5E-04	3.5E-04	1.4E-07	1.6E-01	1.6E-02	3.6E-10
70	1.25304	0.00	4.0E-10	3.5E-04	3.5E-04	1.5E-07	1.6E-01	1.6E-02	4.0E-10
71	1.3202	0.00	4.2E-10	3.5E-04	3.5E-04	1.6E-07	1.6E-01	1.6E-02	4.2E-10
72	0.99999	0.00	3.2E-10	3.5E-04	3.5E-04	1.2E-07	1.6E-01	1.6E-02	3.2E-10
73	0.89278	0.00	2.8E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.8E-10
74	0.7929	0.00	2.5E-10	3.5E-04	3.5E-04	9.7E-08	1.6E-01	1.6E-02	2.5E-10
75	0.70215	0.00	2.2E-10	3.5E-04	3.5E-04	8.6E-08	1.6E-01	1.6E-02	2.2E-10
76	0.29868	0.00	9.4E-11	3.5E-04	3.5E-04	3.6E-08	1.6E-01	1.6E-02	9.4E-11
77	0.37224	0.00	1.2E-10	3.5E-04	3.5E-04	4.5E-08	1.6E-01	1.6E-02	1.2E-10
78	0.46889	0.00	1.5E-10	3.5E-04	3.5E-04	5.7E-08	1.6E-01	1.6E-02	1.5E-10
79	0.60547	0.00	1.9E-10	3.5E-04	3.5E-04	7.4E-08	1.6E-01	1.6E-02	1.9E-10
80	0.75927	0.00	2.4E-10	3.5E-04	3.5E-04	9.3E-08	1.6E-01	1.6E-02	2.4E-10
81	0.95678	0.00	3.0E-10	3.5E-04	3.5E-04	1.2E-07	1.6E-01	1.6E-02	3.0E-10
82	1.20598	0.00	3.8E-10	3.5E-04	3.5E-04	1.5E-07	1.6E-01	1.6E-02	3.8E-10
83	1.48233	0.00	4.7E-10	3.5E-04	3.5E-04	1.8E-07	1.6E-01	1.6E-02	4.7E-10
84	1.7498	0.00	5.5E-10	3.5E-04	3.5E-04	2.1E-07	1.6E-01	1.6E-02	5.5E-10
85	1.95433	0.00	6.2E-10	3.5E-04	3.5E-04	2.4E-07	1.6E-01	1.6E-02	6.2E-10

MUIR School Project
Risk From P1G - Mitigated Residential

	Max	0.01					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
86	2.04047	0.00	6.4E-10	3.5E-04	3.5E-04	2.5E-07	1.6E-01	1.6E-02	6.4E-10
87	1.2379	0.00	3.9E-10	3.5E-04	3.5E-04	1.5E-07	1.6E-01	1.6E-02	3.9E-10
88	1.0683	0.00	3.4E-10	3.5E-04	3.5E-04	1.3E-07	1.6E-01	1.6E-02	3.4E-10
89	0.92178	0.00	2.9E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.9E-10
90	0.79601	0.00	2.5E-10	3.5E-04	3.5E-04	9.7E-08	1.6E-01	1.6E-02	2.5E-10
91	0.68847	0.00	2.2E-10	3.5E-04	3.5E-04	8.4E-08	1.6E-01	1.6E-02	2.2E-10
92	0.35301	0.00	1.1E-10	3.5E-04	3.5E-04	4.3E-08	1.6E-01	1.6E-02	1.1E-10
93	0.43633	0.00	1.4E-10	3.5E-04	3.5E-04	5.3E-08	1.6E-01	1.6E-02	1.4E-10
94	0.54147	0.00	1.7E-10	3.5E-04	3.5E-04	6.6E-08	1.6E-01	1.6E-02	1.7E-10
95	0.71226	0.00	2.2E-10	3.5E-04	3.5E-04	8.7E-08	1.6E-01	1.6E-02	2.2E-10
96	0.93957	0.00	3.0E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	3.0E-10
97	1.2615	0.00	4.0E-10	3.5E-04	3.5E-04	1.5E-07	1.6E-01	1.6E-02	4.0E-10
98	1.75082	0.00	5.5E-10	3.5E-04	3.5E-04	2.1E-07	1.6E-01	1.6E-02	5.5E-10
99	2.37862	0.00	7.5E-10	3.5E-04	3.5E-04	2.9E-07	1.6E-01	1.6E-02	7.5E-10
100	3.05932	0.00	9.7E-10	3.5E-04	3.5E-04	3.7E-07	1.6E-01	1.6E-02	9.7E-10
101	3.51568	0.00	1.1E-09	3.5E-04	3.5E-04	4.3E-07	1.6E-01	1.6E-02	1.1E-09
102	3.54202	0.00	1.1E-09	3.5E-04	3.5E-04	4.3E-07	1.6E-01	1.6E-02	1.1E-09
103	2.20857	0.00	7.0E-10	3.5E-04	3.5E-04	2.7E-07	1.6E-01	1.6E-02	7.0E-10
104	1.50675	0.00	4.8E-10	3.5E-04	3.5E-04	1.8E-07	1.6E-01	1.6E-02	4.8E-10
105	1.25274	0.00	4.0E-10	3.5E-04	3.5E-04	1.5E-07	1.6E-01	1.6E-02	4.0E-10
106	1.04871	0.00	3.3E-10	3.5E-04	3.5E-04	1.3E-07	1.6E-01	1.6E-02	3.3E-10
107	0.88139	0.00	2.8E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.8E-10
108	0.74715	0.00	2.4E-10	3.5E-04	3.5E-04	9.1E-08	1.6E-01	1.6E-02	2.4E-10
109	0.47334	0.00	1.5E-10	3.5E-04	3.5E-04	5.8E-08	1.6E-01	1.6E-02	1.5E-10
110	0.60793	0.00	1.9E-10	3.5E-04	3.5E-04	7.4E-08	1.6E-01	1.6E-02	1.9E-10
111	0.82191	0.00	2.6E-10	3.5E-04	3.5E-04	1.0E-07	1.6E-01	1.6E-02	2.6E-10
112	1.14413	0.00	3.6E-10	3.5E-04	3.5E-04	1.4E-07	1.6E-01	1.6E-02	3.6E-10
113	1.65987	0.00	5.2E-10	3.5E-04	3.5E-04	2.0E-07	1.6E-01	1.6E-02	5.2E-10
114	2.66004	0.00	8.4E-10	3.5E-04	3.5E-04	3.2E-07	1.6E-01	1.6E-02	8.4E-10
115	4.33208	0.00	1.4E-09	3.5E-04	3.5E-04	5.3E-07	1.6E-01	1.6E-02	1.4E-09
116	6.83409	0.00	2.2E-09	3.5E-04	3.5E-04	8.3E-07	1.6E-01	1.6E-02	2.2E-09
117	8.74366	0.00	2.8E-09	3.5E-04	3.5E-04	1.1E-06	1.6E-01	1.6E-02	2.8E-09
118	7.26075	0.00	2.3E-09	3.5E-04	3.5E-04	8.9E-07	1.6E-01	1.6E-02	2.3E-09
119	2.90919	0.00	9.2E-10	3.5E-04	3.5E-04	3.6E-07	1.6E-01	1.6E-02	9.2E-10
120	2.25786	0.00	7.1E-10	3.5E-04	3.5E-04	2.8E-07	1.6E-01	1.6E-02	7.1E-10
121	1.78064	0.00	5.6E-10	3.5E-04	3.5E-04	2.2E-07	1.6E-01	1.6E-02	5.6E-10
122	1.43003	0.00	4.5E-10	3.5E-04	3.5E-04	1.7E-07	1.6E-01	1.6E-02	4.5E-10
123	1.16099	0.00	3.7E-10	3.5E-04	3.5E-04	1.4E-07	1.6E-01	1.6E-02	3.7E-10
124	0.95309	0.00	3.0E-10	3.5E-04	3.5E-04	1.2E-07	1.6E-01	1.6E-02	3.0E-10
125	0.79348	0.00	2.5E-10	3.5E-04	3.5E-04	9.7E-08	1.6E-01	1.6E-02	2.5E-10
126	0.66242	0.00	2.1E-10	3.5E-04	3.5E-04	8.1E-08	1.6E-01	1.6E-02	2.1E-10
127	0.91398	0.00	2.9E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.9E-10
128	1.33363	0.00	4.2E-10	3.5E-04	3.5E-04	1.6E-07	1.6E-01	1.6E-02	4.2E-10

MUIR School Project

Risk From P1G - Mitigated Residential

Max 0.01

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	2.07755	0.00	6.6E-10	3.5E-04	3.5E-04	2.5E-07	1.6E-01	1.6E-02	6.6E-10
130	3.90569	0.00	1.2E-09	3.5E-04	3.5E-04	4.8E-07	1.6E-01	1.6E-02	1.2E-09
131	10.02363	0.00	3.2E-09	3.5E-04	3.5E-04	1.2E-06	1.6E-01	1.6E-02	3.2E-09
132	25.58267	0.01	8.1E-09	3.5E-04	3.5E-04	3.1E-06	1.6E-01	1.6E-02	8.1E-09
133	3.67032	0.00	1.2E-09	3.5E-04	3.5E-04	4.5E-07	1.6E-01	1.6E-02	1.2E-09
134	2.70714	0.00	8.5E-10	3.5E-04	3.5E-04	3.3E-07	1.6E-01	1.6E-02	8.5E-10
135	2.04363	0.00	6.4E-10	3.5E-04	3.5E-04	2.5E-07	1.6E-01	1.6E-02	6.4E-10
136	1.58115	0.00	5.0E-10	3.5E-04	3.5E-04	1.9E-07	1.6E-01	1.6E-02	5.0E-10
137	1.24594	0.00	3.9E-10	3.5E-04	3.5E-04	1.5E-07	1.6E-01	1.6E-02	3.9E-10
138	1.00468	0.00	3.2E-10	3.5E-04	3.5E-04	1.2E-07	1.6E-01	1.6E-02	3.2E-10
139	0.82488	0.00	2.6E-10	3.5E-04	3.5E-04	1.0E-07	1.6E-01	1.6E-02	2.6E-10
140	0.69451	0.00	2.2E-10	3.5E-04	3.5E-04	8.5E-08	1.6E-01	1.6E-02	2.2E-10
141	0.969	0.00	3.1E-10	3.5E-04	3.5E-04	1.2E-07	1.6E-01	1.6E-02	3.1E-10
142	1.44368	0.00	4.6E-10	3.5E-04	3.5E-04	1.8E-07	1.6E-01	1.6E-02	4.6E-10
143	2.38746	0.00	7.5E-10	3.5E-04	3.5E-04	2.9E-07	1.6E-01	1.6E-02	7.5E-10
144	5.10909	0.00	1.6E-09	3.5E-04	3.5E-04	6.2E-07	1.6E-01	1.6E-02	1.6E-09
145	4.46795	0.00	1.4E-09	3.5E-04	3.5E-04	5.5E-07	1.6E-01	1.6E-02	1.4E-09
146	3.07252	0.00	9.7E-10	3.5E-04	3.5E-04	3.8E-07	1.6E-01	1.6E-02	9.7E-10
147	2.24492	0.00	7.1E-10	3.5E-04	3.5E-04	2.7E-07	1.6E-01	1.6E-02	7.1E-10
148	1.68658	0.00	5.3E-10	3.5E-04	3.5E-04	2.1E-07	1.6E-01	1.6E-02	5.3E-10
149	1.30745	0.00	4.1E-10	3.5E-04	3.5E-04	1.6E-07	1.6E-01	1.6E-02	4.1E-10
150	1.03956	0.00	3.3E-10	3.5E-04	3.5E-04	1.3E-07	1.6E-01	1.6E-02	3.3E-10
151	0.85839	0.00	2.7E-10	3.5E-04	3.5E-04	1.0E-07	1.6E-01	1.6E-02	2.7E-10
152	1.42203	0.00	4.5E-10	3.5E-04	3.5E-04	1.7E-07	1.6E-01	1.6E-02	4.5E-10
153	2.32042	0.00	7.3E-10	3.5E-04	3.5E-04	2.8E-07	1.6E-01	1.6E-02	7.3E-10
154	4.29442	0.00	1.4E-09	3.5E-04	3.5E-04	5.2E-07	1.6E-01	1.6E-02	1.4E-09
155	3.32144	0.00	1.0E-09	3.5E-04	3.5E-04	4.1E-07	1.6E-01	1.6E-02	1.0E-09
156	2.34656	0.00	7.4E-10	3.5E-04	3.5E-04	2.9E-07	1.6E-01	1.6E-02	7.4E-10
157	1.73882	0.00	5.5E-10	3.5E-04	3.5E-04	2.1E-07	1.6E-01	1.6E-02	5.5E-10
158	1.3376	0.00	4.2E-10	3.5E-04	3.5E-04	1.6E-07	1.6E-01	1.6E-02	4.2E-10
159	1.06479	0.00	3.4E-10	3.5E-04	3.5E-04	1.3E-07	1.6E-01	1.6E-02	3.4E-10
160	0.86771	0.00	2.7E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.7E-10
161	0.91179	0.00	2.9E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.9E-10
162	1.29245	0.00	4.1E-10	3.5E-04	3.5E-04	1.6E-07	1.6E-01	1.6E-02	4.1E-10
163	1.99061	0.00	6.3E-10	3.5E-04	3.5E-04	2.4E-07	1.6E-01	1.6E-02	6.3E-10
164	3.27773	0.00	1.0E-09	3.5E-04	3.5E-04	4.0E-07	1.6E-01	1.6E-02	1.0E-09
165	6.14414	0.00	1.9E-09	3.5E-04	3.5E-04	7.5E-07	1.6E-01	1.6E-02	1.9E-09
166	3.29355	0.00	1.0E-09	3.5E-04	3.5E-04	4.0E-07	1.6E-01	1.6E-02	1.0E-09
167	2.33153	0.00	7.4E-10	3.5E-04	3.5E-04	2.8E-07	1.6E-01	1.6E-02	7.4E-10
168	1.73732	0.00	5.5E-10	3.5E-04	3.5E-04	2.1E-07	1.6E-01	1.6E-02	5.5E-10
169	1.34316	0.00	4.2E-10	3.5E-04	3.5E-04	1.6E-07	1.6E-01	1.6E-02	4.2E-10
170	1.07724	0.00	3.4E-10	3.5E-04	3.5E-04	1.3E-07	1.6E-01	1.6E-02	3.4E-10
171	0.87132	0.00	2.7E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.7E-10

MUIR School Project

Risk From P1G - Mitigated Residential

Max 0.01

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	0.82259	0.00	2.6E-10	3.5E-04	3.5E-04	1.0E-07	1.6E-01	1.6E-02	2.6E-10
173	1.12782	0.00	3.6E-10	3.5E-04	3.5E-04	1.4E-07	1.6E-01	1.6E-02	3.6E-10
174	1.62457	0.00	5.1E-10	3.5E-04	3.5E-04	2.0E-07	1.6E-01	1.6E-02	5.1E-10
175	2.40892	0.00	7.6E-10	3.5E-04	3.5E-04	2.9E-07	1.6E-01	1.6E-02	7.6E-10
176	3.7637	0.00	1.2E-09	3.5E-04	3.5E-04	4.6E-07	1.6E-01	1.6E-02	1.2E-09
177	6.29022	0.00	2.0E-09	3.5E-04	3.5E-04	7.7E-07	1.6E-01	1.6E-02	2.0E-09
178	4.24586	0.00	1.3E-09	3.5E-04	3.5E-04	5.2E-07	1.6E-01	1.6E-02	1.3E-09
179	2.99501	0.00	9.4E-10	3.5E-04	3.5E-04	3.7E-07	1.6E-01	1.6E-02	9.4E-10
180	2.2061	0.00	7.0E-10	3.5E-04	3.5E-04	2.7E-07	1.6E-01	1.6E-02	7.0E-10
181	1.68132	0.00	5.3E-10	3.5E-04	3.5E-04	2.1E-07	1.6E-01	1.6E-02	5.3E-10
182	1.33115	0.00	4.2E-10	3.5E-04	3.5E-04	1.6E-07	1.6E-01	1.6E-02	4.2E-10
183	1.07342	0.00	3.4E-10	3.5E-04	3.5E-04	1.3E-07	1.6E-01	1.6E-02	3.4E-10
184	0.87221	0.00	2.8E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.8E-10
185	1.7477	0.00	5.5E-10	3.5E-04	3.5E-04	2.1E-07	1.6E-01	1.6E-02	5.5E-10
186	2.44784	0.00	7.7E-10	3.5E-04	3.5E-04	3.0E-07	1.6E-01	1.6E-02	7.7E-10
187	3.38609	0.00	1.1E-09	3.5E-04	3.5E-04	4.1E-07	1.6E-01	1.6E-02	1.1E-09
188	5.03785	0.00	1.6E-09	3.5E-04	3.5E-04	6.2E-07	1.6E-01	1.6E-02	1.6E-09
189	4.77642	0.00	1.5E-09	3.5E-04	3.5E-04	5.8E-07	1.6E-01	1.6E-02	1.5E-09
190	4.01507	0.00	1.3E-09	3.5E-04	3.5E-04	4.9E-07	1.6E-01	1.6E-02	1.3E-09
191	3.17856	0.00	1.0E-09	3.5E-04	3.5E-04	3.9E-07	1.6E-01	1.6E-02	1.0E-09
192	2.48245	0.00	7.8E-10	3.5E-04	3.5E-04	3.0E-07	1.6E-01	1.6E-02	7.8E-10
193	1.94658	0.00	6.1E-10	3.5E-04	3.5E-04	2.4E-07	1.6E-01	1.6E-02	6.1E-10
194	1.54849	0.00	4.9E-10	3.5E-04	3.5E-04	1.9E-07	1.6E-01	1.6E-02	4.9E-10
195	1.26534	0.00	4.0E-10	3.5E-04	3.5E-04	1.5E-07	1.6E-01	1.6E-02	4.0E-10
196	1.03755	0.00	3.3E-10	3.5E-04	3.5E-04	1.3E-07	1.6E-01	1.6E-02	3.3E-10
197	0.85913	0.00	2.7E-10	3.5E-04	3.5E-04	1.0E-07	1.6E-01	1.6E-02	2.7E-10
198	1.00989	0.00	3.2E-10	3.5E-04	3.5E-04	1.2E-07	1.6E-01	1.6E-02	3.2E-10
199	1.28651	0.00	4.1E-10	3.5E-04	3.5E-04	1.6E-07	1.6E-01	1.6E-02	4.1E-10
200	1.64999	0.00	5.2E-10	3.5E-04	3.5E-04	2.0E-07	1.6E-01	1.6E-02	5.2E-10
201	2.06315	0.00	6.5E-10	3.5E-04	3.5E-04	2.5E-07	1.6E-01	1.6E-02	6.5E-10
202	2.49833	0.00	7.9E-10	3.5E-04	3.5E-04	3.1E-07	1.6E-01	1.6E-02	7.9E-10
203	2.74231	0.00	8.7E-10	3.5E-04	3.5E-04	3.3E-07	1.6E-01	1.6E-02	8.7E-10
204	2.77113	0.00	8.7E-10	3.5E-04	3.5E-04	3.4E-07	1.6E-01	1.6E-02	8.7E-10
205	2.57116	0.00	8.1E-10	3.5E-04	3.5E-04	3.1E-07	1.6E-01	1.6E-02	8.1E-10
206	2.25106	0.00	7.1E-10	3.5E-04	3.5E-04	2.7E-07	1.6E-01	1.6E-02	7.1E-10
207	1.9201	0.00	6.1E-10	3.5E-04	3.5E-04	2.3E-07	1.6E-01	1.6E-02	6.1E-10
208	1.61155	0.00	5.1E-10	3.5E-04	3.5E-04	2.0E-07	1.6E-01	1.6E-02	5.1E-10
209	1.35631	0.00	4.3E-10	3.5E-04	3.5E-04	1.7E-07	1.6E-01	1.6E-02	4.3E-10
210	1.14327	0.00	3.6E-10	3.5E-04	3.5E-04	1.4E-07	1.6E-01	1.6E-02	3.6E-10
211	0.96583	0.00	3.0E-10	3.5E-04	3.5E-04	1.2E-07	1.6E-01	1.6E-02	3.0E-10
212	0.81633	0.00	2.6E-10	3.5E-04	3.5E-04	1.0E-07	1.6E-01	1.6E-02	2.6E-10
213	0.80328	0.00	2.5E-10	3.5E-04	3.5E-04	9.8E-08	1.6E-01	1.6E-02	2.5E-10
214	0.97583	0.00	3.1E-10	3.5E-04	3.5E-04	1.2E-07	1.6E-01	1.6E-02	3.1E-10

MUIR School Project
Risk From P1G - Mitigated Residential

	Max	0.01					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
215	1.16996	0.00	3.7E-10	3.5E-04	3.5E-04	1.4E-07	1.6E-01	1.6E-02	3.7E-10
216	1.40136	0.00	4.4E-10	3.5E-04	3.5E-04	1.7E-07	1.6E-01	1.6E-02	4.4E-10
217	1.61229	0.00	5.1E-10	3.5E-04	3.5E-04	2.0E-07	1.6E-01	1.6E-02	5.1E-10
218	1.75294	0.00	5.5E-10	3.5E-04	3.5E-04	2.1E-07	1.6E-01	1.6E-02	5.5E-10
219	1.77507	0.00	5.6E-10	3.5E-04	3.5E-04	2.2E-07	1.6E-01	1.6E-02	5.6E-10
220	1.71905	0.00	5.4E-10	3.5E-04	3.5E-04	2.1E-07	1.6E-01	1.6E-02	5.4E-10
221	1.6014	0.00	5.1E-10	3.5E-04	3.5E-04	2.0E-07	1.6E-01	1.6E-02	5.1E-10
222	1.44622	0.00	4.6E-10	3.5E-04	3.5E-04	1.8E-07	1.6E-01	1.6E-02	4.6E-10
223	1.27287	0.00	4.0E-10	3.5E-04	3.5E-04	1.6E-07	1.6E-01	1.6E-02	4.0E-10
224	1.12471	0.00	3.5E-10	3.5E-04	3.5E-04	1.4E-07	1.6E-01	1.6E-02	3.5E-10
225	0.98456	0.00	3.1E-10	3.5E-04	3.5E-04	1.2E-07	1.6E-01	1.6E-02	3.1E-10
226	0.85178	0.00	2.7E-10	3.5E-04	3.5E-04	1.0E-07	1.6E-01	1.6E-02	2.7E-10
227	0.74675	0.00	2.4E-10	3.5E-04	3.5E-04	9.1E-08	1.6E-01	1.6E-02	2.4E-10
228	0.75187	0.00	2.4E-10	3.5E-04	3.5E-04	9.2E-08	1.6E-01	1.6E-02	2.4E-10
229	0.88019	0.00	2.8E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.8E-10
230	1.01313	0.00	3.2E-10	3.5E-04	3.5E-04	1.2E-07	1.6E-01	1.6E-02	3.2E-10
231	1.13585	0.00	3.6E-10	3.5E-04	3.5E-04	1.4E-07	1.6E-01	1.6E-02	3.6E-10
232	1.21874	0.00	3.8E-10	3.5E-04	3.5E-04	1.5E-07	1.6E-01	1.6E-02	3.8E-10
233	1.24818	0.00	3.9E-10	3.5E-04	3.5E-04	1.5E-07	1.6E-01	1.6E-02	3.9E-10
234	1.22682	0.00	3.9E-10	3.5E-04	3.5E-04	1.5E-07	1.6E-01	1.6E-02	3.9E-10
235	1.1533	0.00	3.6E-10	3.5E-04	3.5E-04	1.4E-07	1.6E-01	1.6E-02	3.6E-10
236	1.0971	0.00	3.5E-10	3.5E-04	3.5E-04	1.3E-07	1.6E-01	1.6E-02	3.5E-10
237	0.99566	0.00	3.1E-10	3.5E-04	3.5E-04	1.2E-07	1.6E-01	1.6E-02	3.1E-10
238	0.88564	0.00	2.8E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.8E-10
239	0.8107	0.00	2.6E-10	3.5E-04	3.5E-04	9.9E-08	1.6E-01	1.6E-02	2.6E-10
240	0.73282	0.00	2.3E-10	3.5E-04	3.5E-04	8.9E-08	1.6E-01	1.6E-02	2.3E-10
241	0.65966	0.00	2.1E-10	3.5E-04	3.5E-04	8.1E-08	1.6E-01	1.6E-02	2.1E-10
242	0.45325	0.00	1.4E-10	3.5E-04	3.5E-04	5.5E-08	1.6E-01	1.6E-02	1.4E-10
243	0.52265	0.00	1.6E-10	3.5E-04	3.5E-04	6.4E-08	1.6E-01	1.6E-02	1.6E-10
244	0.59879	0.00	1.9E-10	3.5E-04	3.5E-04	7.3E-08	1.6E-01	1.6E-02	1.9E-10
245	0.68432	0.00	2.2E-10	3.5E-04	3.5E-04	8.4E-08	1.6E-01	1.6E-02	2.2E-10
246	0.76976	0.00	2.4E-10	3.5E-04	3.5E-04	9.4E-08	1.6E-01	1.6E-02	2.4E-10
247	0.84602	0.00	2.7E-10	3.5E-04	3.5E-04	1.0E-07	1.6E-01	1.6E-02	2.7E-10
248	0.90326	0.00	2.8E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.8E-10
249	0.92064	0.00	2.9E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.9E-10
250	0.91403	0.00	2.9E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.9E-10
251	0.88934	0.00	2.8E-10	3.5E-04	3.5E-04	1.1E-07	1.6E-01	1.6E-02	2.8E-10
252	0.79257	0.00	2.5E-10	3.5E-04	3.5E-04	9.7E-08	1.6E-01	1.6E-02	2.5E-10
253	0.75007	0.00	2.4E-10	3.5E-04	3.5E-04	9.2E-08	1.6E-01	1.6E-02	2.4E-10
254	0.70267	0.00	2.2E-10	3.5E-04	3.5E-04	8.6E-08	1.6E-01	1.6E-02	2.2E-10
255	0.65883	0.00	2.1E-10	3.5E-04	3.5E-04	8.0E-08	1.6E-01	1.6E-02	2.1E-10
256	0.61369	0.00	1.9E-10	3.5E-04	3.5E-04	7.5E-08	1.6E-01	1.6E-02	1.9E-10
257	0.56666	0.00	1.8E-10	3.5E-04	3.5E-04	6.9E-08	1.6E-01	1.6E-02	1.8E-10

MUIR School Project

Risk From P1G - Mitigated Residential

	Max	0.01					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
258	0.38709	0.00	1.2E-10	3.5E-04	3.5E-04	4.7E-08	1.6E-01	1.6E-02	1.2E-10
259	0.43364	0.00	1.4E-10	3.5E-04	3.5E-04	5.3E-08	1.6E-01	1.6E-02	1.4E-10
260	0.55334	0.00	1.7E-10	3.5E-04	3.5E-04	6.8E-08	1.6E-01	1.6E-02	1.7E-10
261	0.60587	0.00	1.9E-10	3.5E-04	3.5E-04	7.4E-08	1.6E-01	1.6E-02	1.9E-10
262	0.65924	0.00	2.1E-10	3.5E-04	3.5E-04	8.1E-08	1.6E-01	1.6E-02	2.1E-10
263	0.67329	0.00	2.1E-10	3.5E-04	3.5E-04	8.2E-08	1.6E-01	1.6E-02	2.1E-10
264	0.7144	0.00	2.3E-10	3.5E-04	3.5E-04	8.7E-08	1.6E-01	1.6E-02	2.3E-10
265	0.6695	0.00	2.1E-10	3.5E-04	3.5E-04	8.2E-08	1.6E-01	1.6E-02	2.1E-10
266	0.66183	0.00	2.1E-10	3.5E-04	3.5E-04	8.1E-08	1.6E-01	1.6E-02	2.1E-10
267	0.6637	0.00	2.1E-10	3.5E-04	3.5E-04	8.1E-08	1.6E-01	1.6E-02	2.1E-10
268	0.59316	0.00	1.9E-10	3.5E-04	3.5E-04	7.2E-08	1.6E-01	1.6E-02	1.9E-10
269	0.56305	0.00	1.8E-10	3.5E-04	3.5E-04	6.9E-08	1.6E-01	1.6E-02	1.8E-10
270	0.53329	0.00	1.7E-10	3.5E-04	3.5E-04	6.5E-08	1.6E-01	1.6E-02	1.7E-10
271	0.51038	0.00	1.6E-10	3.5E-04	3.5E-04	6.2E-08	1.6E-01	1.6E-02	1.6E-10
272	0.4811	0.00	1.5E-10	3.5E-04	3.5E-04	5.9E-08	1.6E-01	1.6E-02	1.5E-10
273	0.4897	0.00	1.5E-10	3.5E-04	3.5E-04	6.0E-08	1.6E-01	1.6E-02	1.5E-10
274	0.52678	0.00	1.7E-10	3.5E-04	3.5E-04	6.4E-08	1.6E-01	1.6E-02	1.7E-10
275	0.54932	0.00	1.7E-10	3.5E-04	3.5E-04	6.7E-08	1.6E-01	1.6E-02	1.7E-10
276	0.56747	0.00	1.8E-10	3.5E-04	3.5E-04	6.9E-08	1.6E-01	1.6E-02	1.8E-10
277	0.53644	0.00	1.7E-10	3.5E-04	3.5E-04	6.6E-08	1.6E-01	1.6E-02	1.7E-10
278	0.5364	0.00	1.7E-10	3.5E-04	3.5E-04	6.6E-08	1.6E-01	1.6E-02	1.7E-10
279	0.54775	0.00	1.7E-10	3.5E-04	3.5E-04	6.7E-08	1.6E-01	1.6E-02	1.7E-10
280	0.47313	0.00	1.5E-10	3.5E-04	3.5E-04	5.8E-08	1.6E-01	1.6E-02	1.5E-10
281	0.4573	0.00	1.4E-10	3.5E-04	3.5E-04	5.6E-08	1.6E-01	1.6E-02	1.4E-10
282	0.43861	0.00	1.4E-10	3.5E-04	3.5E-04	5.4E-08	1.6E-01	1.6E-02	1.4E-10
283	0.40765	0.00	1.3E-10	3.5E-04	3.5E-04	5.0E-08	1.6E-01	1.6E-02	1.3E-10
284	0.39959	0.00	1.3E-10	3.5E-04	3.5E-04	4.9E-08	1.6E-01	1.6E-02	1.3E-10

Risk From P1BC - Mitigated Residential

MUIR School Project

Risk From P1BC - Mitigated Residential

	Max	0.56					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
43	0.26707	0.00	4.4E-09	1.9E-04	3.5E-04	1.7E-08	1.6E-01	1.0E-01	2.7E-10
44	0.30882	0.01	5.1E-09	1.9E-04	3.5E-04	2.0E-08	1.6E-01	1.0E-01	3.2E-10
45	0.35932	0.01	5.9E-09	1.9E-04	3.5E-04	2.3E-08	1.6E-01	1.0E-01	3.7E-10
46	0.42071	0.01	6.9E-09	1.9E-04	3.5E-04	2.7E-08	1.6E-01	1.0E-01	4.3E-10
47	0.49295	0.01	8.1E-09	1.9E-04	3.5E-04	3.2E-08	1.6E-01	1.0E-01	5.1E-10
48	0.57475	0.01	9.5E-09	1.9E-04	3.5E-04	3.7E-08	1.6E-01	1.0E-01	5.9E-10
49	0.66439	0.01	1.1E-08	1.9E-04	3.5E-04	4.3E-08	1.6E-01	1.0E-01	6.8E-10
50	0.75424	0.01	1.2E-08	1.9E-04	3.5E-04	4.9E-08	1.6E-01	1.0E-01	7.7E-10
51	0.84029	0.01	1.4E-08	1.9E-04	3.5E-04	5.4E-08	1.6E-01	1.0E-01	8.6E-10
52	0.91703	0.02	1.5E-08	1.9E-04	3.5E-04	5.9E-08	1.6E-01	1.0E-01	9.4E-10
53	0.9809	0.02	1.6E-08	1.9E-04	3.5E-04	6.3E-08	1.6E-01	1.0E-01	1.0E-09
54	1.02152	0.02	1.7E-08	1.9E-04	3.5E-04	6.6E-08	1.6E-01	1.0E-01	1.0E-09
55	0.96162	0.02	1.6E-08	1.9E-04	3.5E-04	6.2E-08	1.6E-01	1.0E-01	9.9E-10
56	0.9035	0.01	1.5E-08	1.9E-04	3.5E-04	5.8E-08	1.6E-01	1.0E-01	9.3E-10
57	0.83113	0.01	1.4E-08	1.9E-04	3.5E-04	5.3E-08	1.6E-01	1.0E-01	8.5E-10
58	0.7554	0.01	1.2E-08	1.9E-04	3.5E-04	4.9E-08	1.6E-01	1.0E-01	7.7E-10
59	0.68093	0.01	1.1E-08	1.9E-04	3.5E-04	4.4E-08	1.6E-01	1.0E-01	7.0E-10
60	0.61091	0.01	1.0E-08	1.9E-04	3.5E-04	3.9E-08	1.6E-01	1.0E-01	6.3E-10
61	0.34236	0.01	5.7E-09	1.9E-04	3.5E-04	2.2E-08	1.6E-01	1.0E-01	3.5E-10
62	0.40872	0.01	6.8E-09	1.9E-04	3.5E-04	2.6E-08	1.6E-01	1.0E-01	4.2E-10
63	0.49076	0.01	8.1E-09	1.9E-04	3.5E-04	3.2E-08	1.6E-01	1.0E-01	5.0E-10
64	0.59296	0.01	9.8E-09	1.9E-04	3.5E-04	3.8E-08	1.6E-01	1.0E-01	6.1E-10
65	0.71749	0.01	1.2E-08	1.9E-04	3.5E-04	4.6E-08	1.6E-01	1.0E-01	7.4E-10
66	0.8635	0.01	1.4E-08	1.9E-04	3.5E-04	5.6E-08	1.6E-01	1.0E-01	8.8E-10
67	1.02058	0.02	1.7E-08	1.9E-04	3.5E-04	6.6E-08	1.6E-01	1.0E-01	1.0E-09
68	1.17335	0.02	1.9E-08	1.9E-04	3.5E-04	7.5E-08	1.6E-01	1.0E-01	1.2E-09
69	1.30742	0.02	2.2E-08	1.9E-04	3.5E-04	8.4E-08	1.6E-01	1.0E-01	1.3E-09
70	1.41188	0.02	2.3E-08	1.9E-04	3.5E-04	9.1E-08	1.6E-01	1.0E-01	1.4E-09
71	1.46266	0.02	2.4E-08	1.9E-04	3.5E-04	9.4E-08	1.6E-01	1.0E-01	1.5E-09
72	1.02276	0.02	1.7E-08	1.9E-04	3.5E-04	6.6E-08	1.6E-01	1.0E-01	1.0E-09
73	0.90129	0.01	1.5E-08	1.9E-04	3.5E-04	5.8E-08	1.6E-01	1.0E-01	9.2E-10
74	0.79116	0.01	1.3E-08	1.9E-04	3.5E-04	5.1E-08	1.6E-01	1.0E-01	8.1E-10
75	0.69354	0.01	1.1E-08	1.9E-04	3.5E-04	4.5E-08	1.6E-01	1.0E-01	7.1E-10
76	0.33715	0.01	5.6E-09	1.9E-04	3.5E-04	2.2E-08	1.6E-01	1.0E-01	3.5E-10
77	0.42588	0.01	7.0E-09	1.9E-04	3.5E-04	2.7E-08	1.6E-01	1.0E-01	4.4E-10
78	0.54478	0.01	9.0E-09	1.9E-04	3.5E-04	3.5E-08	1.6E-01	1.0E-01	5.6E-10
79	0.71615	0.01	1.2E-08	1.9E-04	3.5E-04	4.6E-08	1.6E-01	1.0E-01	7.3E-10
80	0.90982	0.02	1.5E-08	1.9E-04	3.5E-04	5.9E-08	1.6E-01	1.0E-01	9.3E-10
81	1.15707	0.02	1.9E-08	1.9E-04	3.5E-04	7.4E-08	1.6E-01	1.0E-01	1.2E-09
82	1.4546	0.02	2.4E-08	1.9E-04	3.5E-04	9.4E-08	1.6E-01	1.0E-01	1.5E-09
83	1.76022	0.03	2.9E-08	1.9E-04	3.5E-04	1.1E-07	1.6E-01	1.0E-01	1.8E-09
84	2.02699	0.03	3.3E-08	1.9E-04	3.5E-04	1.3E-07	1.6E-01	1.0E-01	2.1E-09
85	2.20396	0.04	3.6E-08	1.9E-04	3.5E-04	1.4E-07	1.6E-01	1.0E-01	2.3E-09

MUIR School Project

Risk From P1BC - Mitigated Residential

	Max	0.56					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
86	2.24039	0.04	3.7E-08	1.9E-04	3.5E-04	1.4E-07	1.6E-01	1.0E-01	2.3E-09
87	1.2426	0.02	2.1E-08	1.9E-04	3.5E-04	8.0E-08	1.6E-01	1.0E-01	1.3E-09
88	1.05688	0.02	1.7E-08	1.9E-04	3.5E-04	6.8E-08	1.6E-01	1.0E-01	1.1E-09
89	0.90098	0.01	1.5E-08	1.9E-04	3.5E-04	5.8E-08	1.6E-01	1.0E-01	9.2E-10
90	0.7702	0.01	1.3E-08	1.9E-04	3.5E-04	5.0E-08	1.6E-01	1.0E-01	7.9E-10
91	0.66101	0.01	1.1E-08	1.9E-04	3.5E-04	4.3E-08	1.6E-01	1.0E-01	6.8E-10
92	0.40209	0.01	6.6E-09	1.9E-04	3.5E-04	2.6E-08	1.6E-01	1.0E-01	4.1E-10
93	0.50487	0.01	8.3E-09	1.9E-04	3.5E-04	3.2E-08	1.6E-01	1.0E-01	5.2E-10
94	0.6372	0.01	1.1E-08	1.9E-04	3.5E-04	4.1E-08	1.6E-01	1.0E-01	6.5E-10
95	0.85751	0.01	1.4E-08	1.9E-04	3.5E-04	5.5E-08	1.6E-01	1.0E-01	8.8E-10
96	1.15634	0.02	1.9E-08	1.9E-04	3.5E-04	7.4E-08	1.6E-01	1.0E-01	1.2E-09
97	1.58266	0.03	2.6E-08	1.9E-04	3.5E-04	1.0E-07	1.6E-01	1.0E-01	1.6E-09
98	2.21483	0.04	3.7E-08	1.9E-04	3.5E-04	1.4E-07	1.6E-01	1.0E-01	2.3E-09
99	2.94527	0.05	4.9E-08	1.9E-04	3.5E-04	1.9E-07	1.6E-01	1.0E-01	3.0E-09
100	3.58556	0.06	5.9E-08	1.9E-04	3.5E-04	2.3E-07	1.6E-01	1.0E-01	3.7E-09
101	3.86575	0.06	6.4E-08	1.9E-04	3.5E-04	2.5E-07	1.6E-01	1.0E-01	4.0E-09
102	3.74117	0.06	6.2E-08	1.9E-04	3.5E-04	2.4E-07	1.6E-01	1.0E-01	3.8E-09
103	2.23583	0.04	3.7E-08	1.9E-04	3.5E-04	1.4E-07	1.6E-01	1.0E-01	2.3E-09
104	1.47079	0.02	2.4E-08	1.9E-04	3.5E-04	9.5E-08	1.6E-01	1.0E-01	1.5E-09
105	1.20479	0.02	2.0E-08	1.9E-04	3.5E-04	7.8E-08	1.6E-01	1.0E-01	1.2E-09
106	0.9974	0.02	1.6E-08	1.9E-04	3.5E-04	6.4E-08	1.6E-01	1.0E-01	1.0E-09
107	0.83134	0.01	1.4E-08	1.9E-04	3.5E-04	5.3E-08	1.6E-01	1.0E-01	8.5E-10
108	0.70134	0.01	1.2E-08	1.9E-04	3.5E-04	4.5E-08	1.6E-01	1.0E-01	7.2E-10
109	0.55024	0.01	9.1E-09	1.9E-04	3.5E-04	3.5E-08	1.6E-01	1.0E-01	5.6E-10
110	0.722	0.01	1.2E-08	1.9E-04	3.5E-04	4.6E-08	1.6E-01	1.0E-01	7.4E-10
111	1.00466	0.02	1.7E-08	1.9E-04	3.5E-04	6.5E-08	1.6E-01	1.0E-01	1.0E-09
112	1.4454	0.02	2.4E-08	1.9E-04	3.5E-04	9.3E-08	1.6E-01	1.0E-01	1.5E-09
113	2.17412	0.04	3.6E-08	1.9E-04	3.5E-04	1.4E-07	1.6E-01	1.0E-01	2.2E-09
114	3.6127	0.06	6.0E-08	1.9E-04	3.5E-04	2.3E-07	1.6E-01	1.0E-01	3.7E-09
115	5.82726	0.10	9.6E-08	1.9E-04	3.5E-04	3.7E-07	1.6E-01	1.0E-01	6.0E-09
116	8.02228	0.13	1.3E-07	1.9E-04	3.5E-04	5.2E-07	1.6E-01	1.0E-01	8.2E-09
117	8.26442	0.14	1.4E-07	1.9E-04	3.5E-04	5.3E-07	1.6E-01	1.0E-01	8.5E-09
118	6.83981	0.11	1.1E-07	1.9E-04	3.5E-04	4.4E-07	1.6E-01	1.0E-01	7.0E-09
119	2.8369	0.05	4.7E-08	1.9E-04	3.5E-04	1.8E-07	1.6E-01	1.0E-01	2.9E-09
120	2.15379	0.04	3.6E-08	1.9E-04	3.5E-04	1.4E-07	1.6E-01	1.0E-01	2.2E-09
121	1.67039	0.03	2.8E-08	1.9E-04	3.5E-04	1.1E-07	1.6E-01	1.0E-01	1.7E-09
122	1.32581	0.02	2.2E-08	1.9E-04	3.5E-04	8.5E-08	1.6E-01	1.0E-01	1.4E-09
123	1.06894	0.02	1.8E-08	1.9E-04	3.5E-04	6.9E-08	1.6E-01	1.0E-01	1.1E-09
124	0.87474	0.01	1.4E-08	1.9E-04	3.5E-04	5.6E-08	1.6E-01	1.0E-01	9.0E-10
125	0.72608	0.01	1.2E-08	1.9E-04	3.5E-04	4.7E-08	1.6E-01	1.0E-01	7.4E-10
126	0.78953	0.01	1.3E-08	1.9E-04	3.5E-04	5.1E-08	1.6E-01	1.0E-01	8.1E-10
127	1.12498	0.02	1.9E-08	1.9E-04	3.5E-04	7.2E-08	1.6E-01	1.0E-01	1.2E-09
128	1.71397	0.03	2.8E-08	1.9E-04	3.5E-04	1.1E-07	1.6E-01	1.0E-01	1.8E-09

MUIR School Project

Risk From P1BC - Mitigated Residential

	Max	0.56					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
129	2.81828	0.05	4.7E-08	1.9E-04	3.5E-04	1.8E-07	1.6E-01	1.0E-01	2.9E-09
130	5.71759	0.09	9.4E-08	1.9E-04	3.5E-04	3.7E-07	1.6E-01	1.0E-01	5.9E-09
131	16.1298	0.27	2.7E-07	1.9E-04	3.5E-04	1.0E-06	1.6E-01	1.0E-01	1.7E-08
132	34.04523	0.56	5.6E-07	1.9E-04	3.5E-04	2.2E-06	1.6E-01	1.0E-01	3.5E-08
133	3.36532	0.06	5.6E-08	1.9E-04	3.5E-04	2.2E-07	1.6E-01	1.0E-01	3.4E-09
134	2.43438	0.04	4.0E-08	1.9E-04	3.5E-04	1.6E-07	1.6E-01	1.0E-01	2.5E-09
135	1.82252	0.03	3.0E-08	1.9E-04	3.5E-04	1.2E-07	1.6E-01	1.0E-01	1.9E-09
136	1.4073	0.02	2.3E-08	1.9E-04	3.5E-04	9.1E-08	1.6E-01	1.0E-01	1.4E-09
137	1.11025	0.02	1.8E-08	1.9E-04	3.5E-04	7.1E-08	1.6E-01	1.0E-01	1.1E-09
138	0.89989	0.01	1.5E-08	1.9E-04	3.5E-04	5.8E-08	1.6E-01	1.0E-01	9.2E-10
139	0.74318	0.01	1.2E-08	1.9E-04	3.5E-04	4.8E-08	1.6E-01	1.0E-01	7.6E-10
140	0.82421	0.01	1.4E-08	1.9E-04	3.5E-04	5.3E-08	1.6E-01	1.0E-01	8.4E-10
141	1.18779	0.02	2.0E-08	1.9E-04	3.5E-04	7.6E-08	1.6E-01	1.0E-01	1.2E-09
142	1.84954	0.03	3.1E-08	1.9E-04	3.5E-04	1.2E-07	1.6E-01	1.0E-01	1.9E-09
143	3.26469	0.05	5.4E-08	1.9E-04	3.5E-04	2.1E-07	1.6E-01	1.0E-01	3.3E-09
144	7.74298	0.13	1.3E-07	1.9E-04	3.5E-04	5.0E-07	1.6E-01	1.0E-01	7.9E-09
145	3.73313	0.06	6.2E-08	1.9E-04	3.5E-04	2.4E-07	1.6E-01	1.0E-01	3.8E-09
146	2.58639	0.04	4.3E-08	1.9E-04	3.5E-04	1.7E-07	1.6E-01	1.0E-01	2.7E-09
147	1.90795	0.03	3.2E-08	1.9E-04	3.5E-04	1.2E-07	1.6E-01	1.0E-01	2.0E-09
148	1.45233	0.02	2.4E-08	1.9E-04	3.5E-04	9.3E-08	1.6E-01	1.0E-01	1.5E-09
149	1.1406	0.02	1.9E-08	1.9E-04	3.5E-04	7.3E-08	1.6E-01	1.0E-01	1.2E-09
150	0.91757	0.02	1.5E-08	1.9E-04	3.5E-04	5.9E-08	1.6E-01	1.0E-01	9.4E-10
151	0.759	0.01	1.3E-08	1.9E-04	3.5E-04	4.9E-08	1.6E-01	1.0E-01	7.8E-10
152	1.77688	0.03	2.9E-08	1.9E-04	3.5E-04	1.1E-07	1.6E-01	1.0E-01	1.8E-09
153	3.04698	0.05	5.0E-08	1.9E-04	3.5E-04	2.0E-07	1.6E-01	1.0E-01	3.1E-09
154	6.02157	0.10	9.9E-08	1.9E-04	3.5E-04	3.9E-07	1.6E-01	1.0E-01	6.2E-09
155	2.63733	0.04	4.4E-08	1.9E-04	3.5E-04	1.7E-07	1.6E-01	1.0E-01	2.7E-09
156	1.93448	0.03	3.2E-08	1.9E-04	3.5E-04	1.2E-07	1.6E-01	1.0E-01	2.0E-09
157	1.4727	0.02	2.4E-08	1.9E-04	3.5E-04	9.5E-08	1.6E-01	1.0E-01	1.5E-09
158	1.15023	0.02	1.9E-08	1.9E-04	3.5E-04	7.4E-08	1.6E-01	1.0E-01	1.2E-09
159	0.92821	0.02	1.5E-08	1.9E-04	3.5E-04	6.0E-08	1.6E-01	1.0E-01	9.5E-10
160	0.76989	0.01	1.3E-08	1.9E-04	3.5E-04	5.0E-08	1.6E-01	1.0E-01	7.9E-10
161	1.06796	0.02	1.8E-08	1.9E-04	3.5E-04	6.9E-08	1.6E-01	1.0E-01	1.1E-09
162	1.54397	0.03	2.6E-08	1.9E-04	3.5E-04	9.9E-08	1.6E-01	1.0E-01	1.6E-09
163	2.42715	0.04	4.0E-08	1.9E-04	3.5E-04	1.6E-07	1.6E-01	1.0E-01	2.5E-09
164	4.02226	0.07	6.6E-08	1.9E-04	3.5E-04	2.6E-07	1.6E-01	1.0E-01	4.1E-09
165	7.18812	0.12	1.2E-07	1.9E-04	3.5E-04	4.6E-07	1.6E-01	1.0E-01	7.4E-09
166	2.53352	0.04	4.2E-08	1.9E-04	3.5E-04	1.6E-07	1.6E-01	1.0E-01	2.6E-09
167	1.89469	0.03	3.1E-08	1.9E-04	3.5E-04	1.2E-07	1.6E-01	1.0E-01	1.9E-09
168	1.4615	0.02	2.4E-08	1.9E-04	3.5E-04	9.4E-08	1.6E-01	1.0E-01	1.5E-09
169	1.15762	0.02	1.9E-08	1.9E-04	3.5E-04	7.4E-08	1.6E-01	1.0E-01	1.2E-09
170	0.94732	0.02	1.6E-08	1.9E-04	3.5E-04	6.1E-08	1.6E-01	1.0E-01	9.7E-10
171	0.77761	0.01	1.3E-08	1.9E-04	3.5E-04	5.0E-08	1.6E-01	1.0E-01	8.0E-10

MUIR School Project

Risk From P1BC - Mitigated Residential

	Max	0.56					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
172	0.93116	0.02	1.5E-08	1.9E-04	3.5E-04	6.0E-08	1.6E-01	1.0E-01	9.5E-10
173	1.28291	0.02	2.1E-08	1.9E-04	3.5E-04	8.3E-08	1.6E-01	1.0E-01	1.3E-09
174	1.8331	0.03	3.0E-08	1.9E-04	3.5E-04	1.2E-07	1.6E-01	1.0E-01	1.9E-09
175	2.64845	0.04	4.4E-08	1.9E-04	3.5E-04	1.7E-07	1.6E-01	1.0E-01	2.7E-09
176	3.81782	0.06	6.3E-08	1.9E-04	3.5E-04	2.5E-07	1.6E-01	1.0E-01	3.9E-09
177	3.85012	0.06	6.4E-08	1.9E-04	3.5E-04	2.5E-07	1.6E-01	1.0E-01	3.9E-09
178	2.94593	0.05	4.9E-08	1.9E-04	3.5E-04	1.9E-07	1.6E-01	1.0E-01	3.0E-09
179	2.26584	0.04	3.7E-08	1.9E-04	3.5E-04	1.5E-07	1.6E-01	1.0E-01	2.3E-09
180	1.76688	0.03	2.9E-08	1.9E-04	3.5E-04	1.1E-07	1.6E-01	1.0E-01	1.8E-09
181	1.40073	0.02	2.3E-08	1.9E-04	3.5E-04	9.0E-08	1.6E-01	1.0E-01	1.4E-09
182	1.14438	0.02	1.9E-08	1.9E-04	3.5E-04	7.4E-08	1.6E-01	1.0E-01	1.2E-09
183	0.94289	0.02	1.6E-08	1.9E-04	3.5E-04	6.1E-08	1.6E-01	1.0E-01	9.7E-10
184	0.77932	0.01	1.3E-08	1.9E-04	3.5E-04	5.0E-08	1.6E-01	1.0E-01	8.0E-10
185	1.80179	0.03	3.0E-08	1.9E-04	3.5E-04	1.2E-07	1.6E-01	1.0E-01	1.8E-09
186	2.36333	0.04	3.9E-08	1.9E-04	3.5E-04	1.5E-07	1.6E-01	1.0E-01	2.4E-09
187	2.94399	0.05	4.9E-08	1.9E-04	3.5E-04	1.9E-07	1.6E-01	1.0E-01	3.0E-09
188	3.40364	0.06	5.6E-08	1.9E-04	3.5E-04	2.2E-07	1.6E-01	1.0E-01	3.5E-09
189	3.13279	0.05	5.2E-08	1.9E-04	3.5E-04	2.0E-07	1.6E-01	1.0E-01	3.2E-09
190	2.71975	0.04	4.5E-08	1.9E-04	3.5E-04	1.7E-07	1.6E-01	1.0E-01	2.8E-09
191	2.28038	0.04	3.8E-08	1.9E-04	3.5E-04	1.5E-07	1.6E-01	1.0E-01	2.3E-09
192	1.88461	0.03	3.1E-08	1.9E-04	3.5E-04	1.2E-07	1.6E-01	1.0E-01	1.9E-09
193	1.54949	0.03	2.6E-08	1.9E-04	3.5E-04	1.0E-07	1.6E-01	1.0E-01	1.6E-09
194	1.27722	0.02	2.1E-08	1.9E-04	3.5E-04	8.2E-08	1.6E-01	1.0E-01	1.3E-09
195	1.07894	0.02	1.8E-08	1.9E-04	3.5E-04	6.9E-08	1.6E-01	1.0E-01	1.1E-09
196	0.90589	0.01	1.5E-08	1.9E-04	3.5E-04	5.8E-08	1.6E-01	1.0E-01	9.3E-10
197	0.76377	0.01	1.3E-08	1.9E-04	3.5E-04	4.9E-08	1.6E-01	1.0E-01	7.8E-10
198	1.04172	0.02	1.7E-08	1.9E-04	3.5E-04	6.7E-08	1.6E-01	1.0E-01	1.1E-09
199	1.28498	0.02	2.1E-08	1.9E-04	3.5E-04	8.3E-08	1.6E-01	1.0E-01	1.3E-09
200	1.57521	0.03	2.6E-08	1.9E-04	3.5E-04	1.0E-07	1.6E-01	1.0E-01	1.6E-09
201	1.85333	0.03	3.1E-08	1.9E-04	3.5E-04	1.2E-07	1.6E-01	1.0E-01	1.9E-09
202	2.06919	0.03	3.4E-08	1.9E-04	3.5E-04	1.3E-07	1.6E-01	1.0E-01	2.1E-09
203	2.11674	0.03	3.5E-08	1.9E-04	3.5E-04	1.4E-07	1.6E-01	1.0E-01	2.2E-09
204	2.05725	0.03	3.4E-08	1.9E-04	3.5E-04	1.3E-07	1.6E-01	1.0E-01	2.1E-09
205	1.9049	0.03	3.1E-08	1.9E-04	3.5E-04	1.2E-07	1.6E-01	1.0E-01	2.0E-09
206	1.70189	0.03	2.8E-08	1.9E-04	3.5E-04	1.1E-07	1.6E-01	1.0E-01	1.7E-09
207	1.49434	0.02	2.5E-08	1.9E-04	3.5E-04	9.6E-08	1.6E-01	1.0E-01	1.5E-09
208	1.29329	0.02	2.1E-08	1.9E-04	3.5E-04	8.3E-08	1.6E-01	1.0E-01	1.3E-09
209	1.1214	0.02	1.9E-08	1.9E-04	3.5E-04	7.2E-08	1.6E-01	1.0E-01	1.1E-09
210	0.97051	0.02	1.6E-08	1.9E-04	3.5E-04	6.2E-08	1.6E-01	1.0E-01	9.9E-10
211	0.83755	0.01	1.4E-08	1.9E-04	3.5E-04	5.4E-08	1.6E-01	1.0E-01	8.6E-10
212	0.72148	0.01	1.2E-08	1.9E-04	3.5E-04	4.6E-08	1.6E-01	1.0E-01	7.4E-10
213	0.80916	0.01	1.3E-08	1.9E-04	3.5E-04	5.2E-08	1.6E-01	1.0E-01	8.3E-10
214	0.96068	0.02	1.6E-08	1.9E-04	3.5E-04	6.2E-08	1.6E-01	1.0E-01	9.8E-10

MUIR School Project

Risk From P1BC - Mitigated Residential

	Max	0.56					3rd Trimester		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
215	1.1174	0.02	1.8E-08	1.9E-04	3.5E-04	7.2E-08	1.6E-01	1.0E-01	1.1E-09
216	1.28466	0.02	2.1E-08	1.9E-04	3.5E-04	8.3E-08	1.6E-01	1.0E-01	1.3E-09
217	1.40393	0.02	2.3E-08	1.9E-04	3.5E-04	9.0E-08	1.6E-01	1.0E-01	1.4E-09
218	1.45145	0.02	2.4E-08	1.9E-04	3.5E-04	9.3E-08	1.6E-01	1.0E-01	1.5E-09
219	1.42343	0.02	2.4E-08	1.9E-04	3.5E-04	9.2E-08	1.6E-01	1.0E-01	1.5E-09
220	1.36207	0.02	2.2E-08	1.9E-04	3.5E-04	8.8E-08	1.6E-01	1.0E-01	1.4E-09
221	1.27284	0.02	2.1E-08	1.9E-04	3.5E-04	8.2E-08	1.6E-01	1.0E-01	1.3E-09
222	1.16371	0.02	1.9E-08	1.9E-04	3.5E-04	7.5E-08	1.6E-01	1.0E-01	1.2E-09
223	1.04783	0.02	1.7E-08	1.9E-04	3.5E-04	6.7E-08	1.6E-01	1.0E-01	1.1E-09
224	0.93735	0.02	1.5E-08	1.9E-04	3.5E-04	6.0E-08	1.6E-01	1.0E-01	9.6E-10
225	0.83718	0.01	1.4E-08	1.9E-04	3.5E-04	5.4E-08	1.6E-01	1.0E-01	8.6E-10
226	0.73848	0.01	1.2E-08	1.9E-04	3.5E-04	4.8E-08	1.6E-01	1.0E-01	7.6E-10
227	0.65748	0.01	1.1E-08	1.9E-04	3.5E-04	4.2E-08	1.6E-01	1.0E-01	6.7E-10
228	0.73582	0.01	1.2E-08	1.9E-04	3.5E-04	4.7E-08	1.6E-01	1.0E-01	7.5E-10
229	0.84247	0.01	1.4E-08	1.9E-04	3.5E-04	5.4E-08	1.6E-01	1.0E-01	8.6E-10
230	0.94261	0.02	1.6E-08	1.9E-04	3.5E-04	6.1E-08	1.6E-01	1.0E-01	9.7E-10
231	1.0192	0.02	1.7E-08	1.9E-04	3.5E-04	6.6E-08	1.6E-01	1.0E-01	1.0E-09
232	1.05391	0.02	1.7E-08	1.9E-04	3.5E-04	6.8E-08	1.6E-01	1.0E-01	1.1E-09
233	1.05018	0.02	1.7E-08	1.9E-04	3.5E-04	6.8E-08	1.6E-01	1.0E-01	1.1E-09
234	1.01827	0.02	1.7E-08	1.9E-04	3.5E-04	6.6E-08	1.6E-01	1.0E-01	1.0E-09
235	0.96599	0.02	1.6E-08	1.9E-04	3.5E-04	6.2E-08	1.6E-01	1.0E-01	9.9E-10
236	0.91147	0.02	1.5E-08	1.9E-04	3.5E-04	5.9E-08	1.6E-01	1.0E-01	9.3E-10
237	0.84345	0.01	1.4E-08	1.9E-04	3.5E-04	5.4E-08	1.6E-01	1.0E-01	8.6E-10
238	0.75119	0.01	1.2E-08	1.9E-04	3.5E-04	4.8E-08	1.6E-01	1.0E-01	7.7E-10
239	0.69583	0.01	1.1E-08	1.9E-04	3.5E-04	4.5E-08	1.6E-01	1.0E-01	7.1E-10
240	0.63713	0.01	1.1E-08	1.9E-04	3.5E-04	4.1E-08	1.6E-01	1.0E-01	6.5E-10
241	0.58083	0.01	9.6E-09	1.9E-04	3.5E-04	3.7E-08	1.6E-01	1.0E-01	6.0E-10
242	0.45463	0.01	7.5E-09	1.9E-04	3.5E-04	2.9E-08	1.6E-01	1.0E-01	4.7E-10
243	0.51762	0.01	8.5E-09	1.9E-04	3.5E-04	3.3E-08	1.6E-01	1.0E-01	5.3E-10
244	0.58471	0.01	9.7E-09	1.9E-04	3.5E-04	3.8E-08	1.6E-01	1.0E-01	6.0E-10
245	0.65713	0.01	1.1E-08	1.9E-04	3.5E-04	4.2E-08	1.6E-01	1.0E-01	6.7E-10
246	0.72371	0.01	1.2E-08	1.9E-04	3.5E-04	4.7E-08	1.6E-01	1.0E-01	7.4E-10
247	0.77452	0.01	1.3E-08	1.9E-04	3.5E-04	5.0E-08	1.6E-01	1.0E-01	7.9E-10
248	0.80354	0.01	1.3E-08	1.9E-04	3.5E-04	5.2E-08	1.6E-01	1.0E-01	8.2E-10
249	0.80284	0.01	1.3E-08	1.9E-04	3.5E-04	5.2E-08	1.6E-01	1.0E-01	8.2E-10
250	0.78639	0.01	1.3E-08	1.9E-04	3.5E-04	5.1E-08	1.6E-01	1.0E-01	8.1E-10
251	0.75907	0.01	1.3E-08	1.9E-04	3.5E-04	4.9E-08	1.6E-01	1.0E-01	7.8E-10
252	0.67904	0.01	1.1E-08	1.9E-04	3.5E-04	4.4E-08	1.6E-01	1.0E-01	7.0E-10
253	0.64379	0.01	1.1E-08	1.9E-04	3.5E-04	4.1E-08	1.6E-01	1.0E-01	6.6E-10
254	0.60646	0.01	1.0E-08	1.9E-04	3.5E-04	3.9E-08	1.6E-01	1.0E-01	6.2E-10
255	0.57258	0.01	9.5E-09	1.9E-04	3.5E-04	3.7E-08	1.6E-01	1.0E-01	5.9E-10
256	0.53771	0.01	8.9E-09	1.9E-04	3.5E-04	3.5E-08	1.6E-01	1.0E-01	5.5E-10
257	0.50103	0.01	8.3E-09	1.9E-04	3.5E-04	3.2E-08	1.6E-01	1.0E-01	5.1E-10

MUIR School Project

Risk From P1BC - Mitigated Residential

Max 0.56

3rd Trimester

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
258	0.38536	0.01	6.4E-09	1.9E-04	3.5E-04	2.5E-08	1.6E-01	1.0E-01	3.9E-10
259	0.42792	0.01	7.1E-09	1.9E-04	3.5E-04	2.8E-08	1.6E-01	1.0E-01	4.4E-10
260	0.53171	0.01	8.8E-09	1.9E-04	3.5E-04	3.4E-08	1.6E-01	1.0E-01	5.4E-10
261	0.57416	0.01	9.5E-09	1.9E-04	3.5E-04	3.7E-08	1.6E-01	1.0E-01	5.9E-10
262	0.61184	0.01	1.0E-08	1.9E-04	3.5E-04	3.9E-08	1.6E-01	1.0E-01	6.3E-10
263	0.62763	0.01	1.0E-08	1.9E-04	3.5E-04	4.0E-08	1.6E-01	1.0E-01	6.4E-10
264	0.63618	0.01	1.1E-08	1.9E-04	3.5E-04	4.1E-08	1.6E-01	1.0E-01	6.5E-10
265	0.59199	0.01	9.8E-09	1.9E-04	3.5E-04	3.8E-08	1.6E-01	1.0E-01	6.1E-10
266	0.59085	0.01	9.8E-09	1.9E-04	3.5E-04	3.8E-08	1.6E-01	1.0E-01	6.1E-10
267	0.58673	0.01	9.7E-09	1.9E-04	3.5E-04	3.8E-08	1.6E-01	1.0E-01	6.0E-10
268	0.51885	0.01	8.6E-09	1.9E-04	3.5E-04	3.3E-08	1.6E-01	1.0E-01	5.3E-10
269	0.49401	0.01	8.2E-09	1.9E-04	3.5E-04	3.2E-08	1.6E-01	1.0E-01	5.1E-10
270	0.4698	0.01	7.8E-09	1.9E-04	3.5E-04	3.0E-08	1.6E-01	1.0E-01	4.8E-10
271	0.45174	0.01	7.5E-09	1.9E-04	3.5E-04	2.9E-08	1.6E-01	1.0E-01	4.6E-10
272	0.42831	0.01	7.1E-09	1.9E-04	3.5E-04	2.8E-08	1.6E-01	1.0E-01	4.4E-10
273	0.46699	0.01	7.7E-09	1.9E-04	3.5E-04	3.0E-08	1.6E-01	1.0E-01	4.8E-10
274	0.49417	0.01	8.2E-09	1.9E-04	3.5E-04	3.2E-08	1.6E-01	1.0E-01	5.1E-10
275	0.50983	0.01	8.4E-09	1.9E-04	3.5E-04	3.3E-08	1.6E-01	1.0E-01	5.2E-10
276	0.5157	0.01	8.5E-09	1.9E-04	3.5E-04	3.3E-08	1.6E-01	1.0E-01	5.3E-10
277	0.48356	0.01	8.0E-09	1.9E-04	3.5E-04	3.1E-08	1.6E-01	1.0E-01	5.0E-10
278	0.48804	0.01	8.1E-09	1.9E-04	3.5E-04	3.1E-08	1.6E-01	1.0E-01	5.0E-10
279	0.48595	0.01	8.0E-09	1.9E-04	3.5E-04	3.1E-08	1.6E-01	1.0E-01	5.0E-10
280	0.42026	0.01	6.9E-09	1.9E-04	3.5E-04	2.7E-08	1.6E-01	1.0E-01	4.3E-10
281	0.40693	0.01	6.7E-09	1.9E-04	3.5E-04	2.6E-08	1.6E-01	1.0E-01	4.2E-10
282	0.39127	0.01	6.5E-09	1.9E-04	3.5E-04	2.5E-08	1.6E-01	1.0E-01	4.0E-10
283	0.36509	0.01	6.0E-09	1.9E-04	3.5E-04	2.3E-08	1.6E-01	1.0E-01	3.7E-10
284	0.35896	0.01	5.9E-09	1.9E-04	3.5E-04	2.3E-08	1.6E-01	1.0E-01	3.7E-10

MUIR School Project

Risk From P1BC - Mitigated Residential

	Birth to 2						2 to 16					
Receptor #	g/sec	D1	Dose	R1	ED	Risk	g/sec	D1	Dose	R1	ED	Risk
43	1.8E-04	1.0E-03	5.0E-08	1.6E-01	5.3E-01	4.1E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
44	1.8E-04	1.0E-03	5.8E-08	1.6E-01	5.3E-01	4.8E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
45	1.8E-04	1.0E-03	6.7E-08	1.6E-01	5.3E-01	5.6E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
46	1.8E-04	1.0E-03	7.8E-08	1.6E-01	5.3E-01	6.5E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
47	1.8E-04	1.0E-03	9.2E-08	1.6E-01	5.3E-01	7.6E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
48	1.8E-04	1.0E-03	1.1E-07	1.6E-01	5.3E-01	8.9E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
49	1.8E-04	1.0E-03	1.2E-07	1.6E-01	5.3E-01	1.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
50	1.8E-04	1.0E-03	1.4E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
51	1.8E-04	1.0E-03	1.6E-07	1.6E-01	5.3E-01	1.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
52	1.8E-04	1.0E-03	1.7E-07	1.6E-01	5.3E-01	1.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
53	1.8E-04	1.0E-03	1.8E-07	1.6E-01	5.3E-01	1.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
54	1.8E-04	1.0E-03	1.9E-07	1.6E-01	5.3E-01	1.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
55	1.8E-04	1.0E-03	1.8E-07	1.6E-01	5.3E-01	1.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
56	1.8E-04	1.0E-03	1.7E-07	1.6E-01	5.3E-01	1.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
57	1.8E-04	1.0E-03	1.5E-07	1.6E-01	5.3E-01	1.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
58	1.8E-04	1.0E-03	1.4E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
59	1.8E-04	1.0E-03	1.3E-07	1.6E-01	5.3E-01	1.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
60	1.8E-04	1.0E-03	1.1E-07	1.6E-01	5.3E-01	9.5E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
61	1.8E-04	1.0E-03	6.4E-08	1.6E-01	5.3E-01	5.3E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
62	1.8E-04	1.0E-03	7.6E-08	1.6E-01	5.3E-01	6.3E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
63	1.8E-04	1.0E-03	9.1E-08	1.6E-01	5.3E-01	7.6E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
64	1.8E-04	1.0E-03	1.1E-07	1.6E-01	5.3E-01	9.2E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
65	1.8E-04	1.0E-03	1.3E-07	1.6E-01	5.3E-01	1.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
66	1.8E-04	1.0E-03	1.6E-07	1.6E-01	5.3E-01	1.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
67	1.8E-04	1.0E-03	1.9E-07	1.6E-01	5.3E-01	1.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
68	1.8E-04	1.0E-03	2.2E-07	1.6E-01	5.3E-01	1.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
69	1.8E-04	1.0E-03	2.4E-07	1.6E-01	5.3E-01	2.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
70	1.8E-04	1.0E-03	2.6E-07	1.6E-01	5.3E-01	2.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
71	1.8E-04	1.0E-03	2.7E-07	1.6E-01	5.3E-01	2.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
72	1.8E-04	1.0E-03	1.9E-07	1.6E-01	5.3E-01	1.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
73	1.8E-04	1.0E-03	1.7E-07	1.6E-01	5.3E-01	1.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
74	1.8E-04	1.0E-03	1.5E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
75	1.8E-04	1.0E-03	1.3E-07	1.6E-01	5.3E-01	1.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
76	1.8E-04	1.0E-03	6.3E-08	1.6E-01	5.3E-01	5.2E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
77	1.8E-04	1.0E-03	7.9E-08	1.6E-01	5.3E-01	6.6E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
78	1.8E-04	1.0E-03	1.0E-07	1.6E-01	5.3E-01	8.4E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
79	1.8E-04	1.0E-03	1.3E-07	1.6E-01	5.3E-01	1.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
80	1.8E-04	1.0E-03	1.7E-07	1.6E-01	5.3E-01	1.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
81	1.8E-04	1.0E-03	2.2E-07	1.6E-01	5.3E-01	1.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
82	1.8E-04	1.0E-03	2.7E-07	1.6E-01	5.3E-01	2.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
83	1.8E-04	1.0E-03	3.3E-07	1.6E-01	5.3E-01	2.7E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
84	1.8E-04	1.0E-03	3.8E-07	1.6E-01	5.3E-01	3.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
85	1.8E-04	1.0E-03	4.1E-07	1.6E-01	5.3E-01	3.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00

MUIR School Project

Risk From P1BC - Mitigated Residential

	Birth to 2						2 to 16					
Receptor #	g/sec	D1	Dose	R1	ED	Risk	g/sec	D1	Dose	R1	ED	Risk
86	1.8E-04	1.0E-03	4.2E-07	1.6E-01	5.3E-01	3.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
87	1.8E-04	1.0E-03	2.3E-07	1.6E-01	5.3E-01	1.9E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
88	1.8E-04	1.0E-03	2.0E-07	1.6E-01	5.3E-01	1.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
89	1.8E-04	1.0E-03	1.7E-07	1.6E-01	5.3E-01	1.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
90	1.8E-04	1.0E-03	1.4E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
91	1.8E-04	1.0E-03	1.2E-07	1.6E-01	5.3E-01	1.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
92	1.8E-04	1.0E-03	7.5E-08	1.6E-01	5.3E-01	6.2E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
93	1.8E-04	1.0E-03	9.4E-08	1.6E-01	5.3E-01	7.8E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
94	1.8E-04	1.0E-03	1.2E-07	1.6E-01	5.3E-01	9.9E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
95	1.8E-04	1.0E-03	1.6E-07	1.6E-01	5.3E-01	1.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
96	1.8E-04	1.0E-03	2.2E-07	1.6E-01	5.3E-01	1.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
97	1.8E-04	1.0E-03	3.0E-07	1.6E-01	5.3E-01	2.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
98	1.8E-04	1.0E-03	4.1E-07	1.6E-01	5.3E-01	3.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
99	1.8E-04	1.0E-03	5.5E-07	1.6E-01	5.3E-01	4.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
100	1.8E-04	1.0E-03	6.7E-07	1.6E-01	5.3E-01	5.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
101	1.8E-04	1.0E-03	7.2E-07	1.6E-01	5.3E-01	6.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
102	1.8E-04	1.0E-03	7.0E-07	1.6E-01	5.3E-01	5.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
103	1.8E-04	1.0E-03	4.2E-07	1.6E-01	5.3E-01	3.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
104	1.8E-04	1.0E-03	2.7E-07	1.6E-01	5.3E-01	2.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
105	1.8E-04	1.0E-03	2.2E-07	1.6E-01	5.3E-01	1.9E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
106	1.8E-04	1.0E-03	1.9E-07	1.6E-01	5.3E-01	1.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
107	1.8E-04	1.0E-03	1.5E-07	1.6E-01	5.3E-01	1.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
108	1.8E-04	1.0E-03	1.3E-07	1.6E-01	5.3E-01	1.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
109	1.8E-04	1.0E-03	1.0E-07	1.6E-01	5.3E-01	8.5E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
110	1.8E-04	1.0E-03	1.3E-07	1.6E-01	5.3E-01	1.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
111	1.8E-04	1.0E-03	1.9E-07	1.6E-01	5.3E-01	1.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
112	1.8E-04	1.0E-03	2.7E-07	1.6E-01	5.3E-01	2.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
113	1.8E-04	1.0E-03	4.1E-07	1.6E-01	5.3E-01	3.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
114	1.8E-04	1.0E-03	6.7E-07	1.6E-01	5.3E-01	5.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
115	1.8E-04	1.0E-03	1.1E-06	1.6E-01	5.3E-01	9.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
116	1.8E-04	1.0E-03	1.5E-06	1.6E-01	5.3E-01	1.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
117	1.8E-04	1.0E-03	1.5E-06	1.6E-01	5.3E-01	1.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
118	1.8E-04	1.0E-03	1.3E-06	1.6E-01	5.3E-01	1.1E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
119	1.8E-04	1.0E-03	5.3E-07	1.6E-01	5.3E-01	4.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
120	1.8E-04	1.0E-03	4.0E-07	1.6E-01	5.3E-01	3.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
121	1.8E-04	1.0E-03	3.1E-07	1.6E-01	5.3E-01	2.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
122	1.8E-04	1.0E-03	2.5E-07	1.6E-01	5.3E-01	2.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
123	1.8E-04	1.0E-03	2.0E-07	1.6E-01	5.3E-01	1.7E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
124	1.8E-04	1.0E-03	1.6E-07	1.6E-01	5.3E-01	1.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
125	1.8E-04	1.0E-03	1.4E-07	1.6E-01	5.3E-01	1.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
126	1.8E-04	1.0E-03	1.5E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
127	1.8E-04	1.0E-03	2.1E-07	1.6E-01	5.3E-01	1.7E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
128	1.8E-04	1.0E-03	3.2E-07	1.6E-01	5.3E-01	2.7E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00

MUIR School Project

Risk From P1BC - Mitigated Residential

	Birth to 2						2 to 16					
Receptor #	g/sec	D1	Dose	R1	ED	Risk	g/sec	D1	Dose	R1	ED	Risk
129	1.8E-04	1.0E-03	5.3E-07	1.6E-01	5.3E-01	4.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
130	1.8E-04	1.0E-03	1.1E-06	1.6E-01	5.3E-01	8.9E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
131	1.8E-04	1.0E-03	3.0E-06	1.6E-01	5.3E-01	2.5E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
132	1.8E-04	1.0E-03	6.3E-06	1.6E-01	5.3E-01	5.3E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
133	1.8E-04	1.0E-03	6.3E-07	1.6E-01	5.3E-01	5.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
134	1.8E-04	1.0E-03	4.5E-07	1.6E-01	5.3E-01	3.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
135	1.8E-04	1.0E-03	3.4E-07	1.6E-01	5.3E-01	2.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
136	1.8E-04	1.0E-03	2.6E-07	1.6E-01	5.3E-01	2.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
137	1.8E-04	1.0E-03	2.1E-07	1.6E-01	5.3E-01	1.7E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
138	1.8E-04	1.0E-03	1.7E-07	1.6E-01	5.3E-01	1.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
139	1.8E-04	1.0E-03	1.4E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
140	1.8E-04	1.0E-03	1.5E-07	1.6E-01	5.3E-01	1.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
141	1.8E-04	1.0E-03	2.2E-07	1.6E-01	5.3E-01	1.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
142	1.8E-04	1.0E-03	3.4E-07	1.6E-01	5.3E-01	2.9E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
143	1.8E-04	1.0E-03	6.1E-07	1.6E-01	5.3E-01	5.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
144	1.8E-04	1.0E-03	1.4E-06	1.6E-01	5.3E-01	1.2E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
145	1.8E-04	1.0E-03	7.0E-07	1.6E-01	5.3E-01	5.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
146	1.8E-04	1.0E-03	4.8E-07	1.6E-01	5.3E-01	4.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
147	1.8E-04	1.0E-03	3.6E-07	1.6E-01	5.3E-01	3.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
148	1.8E-04	1.0E-03	2.7E-07	1.6E-01	5.3E-01	2.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
149	1.8E-04	1.0E-03	2.1E-07	1.6E-01	5.3E-01	1.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
150	1.8E-04	1.0E-03	1.7E-07	1.6E-01	5.3E-01	1.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
151	1.8E-04	1.0E-03	1.4E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
152	1.8E-04	1.0E-03	3.3E-07	1.6E-01	5.3E-01	2.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
153	1.8E-04	1.0E-03	5.7E-07	1.6E-01	5.3E-01	4.7E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
154	1.8E-04	1.0E-03	1.1E-06	1.6E-01	5.3E-01	9.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
155	1.8E-04	1.0E-03	4.9E-07	1.6E-01	5.3E-01	4.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
156	1.8E-04	1.0E-03	3.6E-07	1.6E-01	5.3E-01	3.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
157	1.8E-04	1.0E-03	2.7E-07	1.6E-01	5.3E-01	2.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
158	1.8E-04	1.0E-03	2.1E-07	1.6E-01	5.3E-01	1.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
159	1.8E-04	1.0E-03	1.7E-07	1.6E-01	5.3E-01	1.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
160	1.8E-04	1.0E-03	1.4E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
161	1.8E-04	1.0E-03	2.0E-07	1.6E-01	5.3E-01	1.7E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
162	1.8E-04	1.0E-03	2.9E-07	1.6E-01	5.3E-01	2.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
163	1.8E-04	1.0E-03	4.5E-07	1.6E-01	5.3E-01	3.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
164	1.8E-04	1.0E-03	7.5E-07	1.6E-01	5.3E-01	6.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
165	1.8E-04	1.0E-03	1.3E-06	1.6E-01	5.3E-01	1.1E-07	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
166	1.8E-04	1.0E-03	4.7E-07	1.6E-01	5.3E-01	3.9E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
167	1.8E-04	1.0E-03	3.5E-07	1.6E-01	5.3E-01	2.9E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
168	1.8E-04	1.0E-03	2.7E-07	1.6E-01	5.3E-01	2.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
169	1.8E-04	1.0E-03	2.2E-07	1.6E-01	5.3E-01	1.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
170	1.8E-04	1.0E-03	1.8E-07	1.6E-01	5.3E-01	1.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
171	1.8E-04	1.0E-03	1.4E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00

MUIR School Project

Risk From P1BC - Mitigated Residential

	Birth to 2						2 to 16					
Receptor #	g/sec	D1	Dose	R1	ED	Risk	g/sec	D1	Dose	R1	ED	Risk
172	1.8E-04	1.0E-03	1.7E-07	1.6E-01	5.3E-01	1.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
173	1.8E-04	1.0E-03	2.4E-07	1.6E-01	5.3E-01	2.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
174	1.8E-04	1.0E-03	3.4E-07	1.6E-01	5.3E-01	2.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
175	1.8E-04	1.0E-03	4.9E-07	1.6E-01	5.3E-01	4.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
176	1.8E-04	1.0E-03	7.1E-07	1.6E-01	5.3E-01	5.9E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
177	1.8E-04	1.0E-03	7.2E-07	1.6E-01	5.3E-01	6.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
178	1.8E-04	1.0E-03	5.5E-07	1.6E-01	5.3E-01	4.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
179	1.8E-04	1.0E-03	4.2E-07	1.6E-01	5.3E-01	3.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
180	1.8E-04	1.0E-03	3.3E-07	1.6E-01	5.3E-01	2.7E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
181	1.8E-04	1.0E-03	2.6E-07	1.6E-01	5.3E-01	2.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
182	1.8E-04	1.0E-03	2.1E-07	1.6E-01	5.3E-01	1.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
183	1.8E-04	1.0E-03	1.8E-07	1.6E-01	5.3E-01	1.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
184	1.8E-04	1.0E-03	1.5E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
185	1.8E-04	1.0E-03	3.4E-07	1.6E-01	5.3E-01	2.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
186	1.8E-04	1.0E-03	4.4E-07	1.6E-01	5.3E-01	3.7E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
187	1.8E-04	1.0E-03	5.5E-07	1.6E-01	5.3E-01	4.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
188	1.8E-04	1.0E-03	6.3E-07	1.6E-01	5.3E-01	5.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
189	1.8E-04	1.0E-03	5.8E-07	1.6E-01	5.3E-01	4.9E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
190	1.8E-04	1.0E-03	5.1E-07	1.6E-01	5.3E-01	4.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
191	1.8E-04	1.0E-03	4.3E-07	1.6E-01	5.3E-01	3.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
192	1.8E-04	1.0E-03	3.5E-07	1.6E-01	5.3E-01	2.9E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
193	1.8E-04	1.0E-03	2.9E-07	1.6E-01	5.3E-01	2.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
194	1.8E-04	1.0E-03	2.4E-07	1.6E-01	5.3E-01	2.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
195	1.8E-04	1.0E-03	2.0E-07	1.6E-01	5.3E-01	1.7E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
196	1.8E-04	1.0E-03	1.7E-07	1.6E-01	5.3E-01	1.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
197	1.8E-04	1.0E-03	1.4E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
198	1.8E-04	1.0E-03	1.9E-07	1.6E-01	5.3E-01	1.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
199	1.8E-04	1.0E-03	2.4E-07	1.6E-01	5.3E-01	2.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
200	1.8E-04	1.0E-03	2.9E-07	1.6E-01	5.3E-01	2.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
201	1.8E-04	1.0E-03	3.5E-07	1.6E-01	5.3E-01	2.9E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
202	1.8E-04	1.0E-03	3.9E-07	1.6E-01	5.3E-01	3.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
203	1.8E-04	1.0E-03	3.9E-07	1.6E-01	5.3E-01	3.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
204	1.8E-04	1.0E-03	3.8E-07	1.6E-01	5.3E-01	3.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
205	1.8E-04	1.0E-03	3.6E-07	1.6E-01	5.3E-01	3.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
206	1.8E-04	1.0E-03	3.2E-07	1.6E-01	5.3E-01	2.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
207	1.8E-04	1.0E-03	2.8E-07	1.6E-01	5.3E-01	2.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
208	1.8E-04	1.0E-03	2.4E-07	1.6E-01	5.3E-01	2.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
209	1.8E-04	1.0E-03	2.1E-07	1.6E-01	5.3E-01	1.7E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
210	1.8E-04	1.0E-03	1.8E-07	1.6E-01	5.3E-01	1.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
211	1.8E-04	1.0E-03	1.6E-07	1.6E-01	5.3E-01	1.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
212	1.8E-04	1.0E-03	1.3E-07	1.6E-01	5.3E-01	1.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
213	1.8E-04	1.0E-03	1.5E-07	1.6E-01	5.3E-01	1.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
214	1.8E-04	1.0E-03	1.8E-07	1.6E-01	5.3E-01	1.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00

MUIR School Project

Risk From P1BC - Mitigated Residential

	Birth to 2						2 to 16					
Receptor #	g/sec	D1	Dose	R1	ED	Risk	g/sec	D1	Dose	R1	ED	Risk
215	1.8E-04	1.0E-03	2.1E-07	1.6E-01	5.3E-01	1.7E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
216	1.8E-04	1.0E-03	2.4E-07	1.6E-01	5.3E-01	2.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
217	1.8E-04	1.0E-03	2.6E-07	1.6E-01	5.3E-01	2.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
218	1.8E-04	1.0E-03	2.7E-07	1.6E-01	5.3E-01	2.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
219	1.8E-04	1.0E-03	2.7E-07	1.6E-01	5.3E-01	2.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
220	1.8E-04	1.0E-03	2.5E-07	1.6E-01	5.3E-01	2.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
221	1.8E-04	1.0E-03	2.4E-07	1.6E-01	5.3E-01	2.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
222	1.8E-04	1.0E-03	2.2E-07	1.6E-01	5.3E-01	1.8E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
223	1.8E-04	1.0E-03	2.0E-07	1.6E-01	5.3E-01	1.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
224	1.8E-04	1.0E-03	1.7E-07	1.6E-01	5.3E-01	1.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
225	1.8E-04	1.0E-03	1.6E-07	1.6E-01	5.3E-01	1.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
226	1.8E-04	1.0E-03	1.4E-07	1.6E-01	5.3E-01	1.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
227	1.8E-04	1.0E-03	1.2E-07	1.6E-01	5.3E-01	1.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
228	1.8E-04	1.0E-03	1.4E-07	1.6E-01	5.3E-01	1.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
229	1.8E-04	1.0E-03	1.6E-07	1.6E-01	5.3E-01	1.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
230	1.8E-04	1.0E-03	1.8E-07	1.6E-01	5.3E-01	1.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
231	1.8E-04	1.0E-03	1.9E-07	1.6E-01	5.3E-01	1.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
232	1.8E-04	1.0E-03	2.0E-07	1.6E-01	5.3E-01	1.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
233	1.8E-04	1.0E-03	2.0E-07	1.6E-01	5.3E-01	1.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
234	1.8E-04	1.0E-03	1.9E-07	1.6E-01	5.3E-01	1.6E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
235	1.8E-04	1.0E-03	1.8E-07	1.6E-01	5.3E-01	1.5E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
236	1.8E-04	1.0E-03	1.7E-07	1.6E-01	5.3E-01	1.4E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
237	1.8E-04	1.0E-03	1.6E-07	1.6E-01	5.3E-01	1.3E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
238	1.8E-04	1.0E-03	1.4E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
239	1.8E-04	1.0E-03	1.3E-07	1.6E-01	5.3E-01	1.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
240	1.8E-04	1.0E-03	1.2E-07	1.6E-01	5.3E-01	9.9E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
241	1.8E-04	1.0E-03	1.1E-07	1.6E-01	5.3E-01	9.0E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
242	1.8E-04	1.0E-03	8.5E-08	1.6E-01	5.3E-01	7.0E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
243	1.8E-04	1.0E-03	9.7E-08	1.6E-01	5.3E-01	8.0E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
244	1.8E-04	1.0E-03	1.1E-07	1.6E-01	5.3E-01	9.1E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
245	1.8E-04	1.0E-03	1.2E-07	1.6E-01	5.3E-01	1.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
246	1.8E-04	1.0E-03	1.3E-07	1.6E-01	5.3E-01	1.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
247	1.8E-04	1.0E-03	1.4E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
248	1.8E-04	1.0E-03	1.5E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
249	1.8E-04	1.0E-03	1.5E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
250	1.8E-04	1.0E-03	1.5E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
251	1.8E-04	1.0E-03	1.4E-07	1.6E-01	5.3E-01	1.2E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
252	1.8E-04	1.0E-03	1.3E-07	1.6E-01	5.3E-01	1.1E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
253	1.8E-04	1.0E-03	1.2E-07	1.6E-01	5.3E-01	1.0E-08	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
254	1.8E-04	1.0E-03	1.1E-07	1.6E-01	5.3E-01	9.4E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
255	1.8E-04	1.0E-03	1.1E-07	1.6E-01	5.3E-01	8.9E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
256	1.8E-04	1.0E-03	1.0E-07	1.6E-01	5.3E-01	8.3E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
257	1.8E-04	1.0E-03	9.3E-08	1.6E-01	5.3E-01	7.8E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00

MUIR School Project

Risk From P1BC - Mitigated Residential

	Birth to 2						2 to 16					
Receptor #	g/sec	D1	Dose	R1	ED	Risk	g/sec	D1	Dose	R1	ED	Risk
258	1.8E-04	1.0E-03	7.2E-08	1.6E-01	5.3E-01	6.0E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
259	1.8E-04	1.0E-03	8.0E-08	1.6E-01	5.3E-01	6.6E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
260	1.8E-04	1.0E-03	9.9E-08	1.6E-01	5.3E-01	8.2E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
261	1.8E-04	1.0E-03	1.1E-07	1.6E-01	5.3E-01	8.9E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
262	1.8E-04	1.0E-03	1.1E-07	1.6E-01	5.3E-01	9.5E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
263	1.8E-04	1.0E-03	1.2E-07	1.6E-01	5.3E-01	9.7E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
264	1.8E-04	1.0E-03	1.2E-07	1.6E-01	5.3E-01	9.9E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
265	1.8E-04	1.0E-03	1.1E-07	1.6E-01	5.3E-01	9.2E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
266	1.8E-04	1.0E-03	1.1E-07	1.6E-01	5.3E-01	9.2E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
267	1.8E-04	1.0E-03	1.1E-07	1.6E-01	5.3E-01	9.1E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
268	1.8E-04	1.0E-03	9.7E-08	1.6E-01	5.3E-01	8.0E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
269	1.8E-04	1.0E-03	9.2E-08	1.6E-01	5.3E-01	7.7E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
270	1.8E-04	1.0E-03	8.8E-08	1.6E-01	5.3E-01	7.3E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
271	1.8E-04	1.0E-03	8.4E-08	1.6E-01	5.3E-01	7.0E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
272	1.8E-04	1.0E-03	8.0E-08	1.6E-01	5.3E-01	6.6E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
273	1.8E-04	1.0E-03	8.7E-08	1.6E-01	5.3E-01	7.2E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
274	1.8E-04	1.0E-03	9.2E-08	1.6E-01	5.3E-01	7.7E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
275	1.8E-04	1.0E-03	9.5E-08	1.6E-01	5.3E-01	7.9E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
276	1.8E-04	1.0E-03	9.6E-08	1.6E-01	5.3E-01	8.0E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
277	1.8E-04	1.0E-03	9.0E-08	1.6E-01	5.3E-01	7.5E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
278	1.8E-04	1.0E-03	9.1E-08	1.6E-01	5.3E-01	7.6E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
279	1.8E-04	1.0E-03	9.1E-08	1.6E-01	5.3E-01	7.5E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
280	1.8E-04	1.0E-03	7.8E-08	1.6E-01	5.3E-01	6.5E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
281	1.8E-04	1.0E-03	7.6E-08	1.6E-01	5.3E-01	6.3E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
282	1.8E-04	1.0E-03	7.3E-08	1.6E-01	5.3E-01	6.1E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
283	1.8E-04	1.0E-03	6.8E-08	1.6E-01	5.3E-01	5.7E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00
284	1.8E-04	1.0E-03	6.7E-08	1.6E-01	5.3E-01	5.6E-09	0.0E+00	6.1E-04	0.0E+00	4.7E-02	0.0E+00	0.0E+00

Risk From P1P1 - Mitigated Residential

MUIR School Project

Risk From P1P1 - Mitigated Residential

Max 0.03

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.26193	0.00	1.5E-10	1.3E-04	1.0E-03	3.5E-08	1.6E-01	2.7E-02	1.5E-10
44	0.30546	0.00	1.7E-10	1.3E-04	1.0E-03	4.1E-08	1.6E-01	2.7E-02	1.7E-10
45	0.35988	0.00	2.1E-10	1.3E-04	1.0E-03	4.8E-08	1.6E-01	2.7E-02	2.1E-10
46	0.42912	0.00	2.5E-10	1.3E-04	1.0E-03	5.7E-08	1.6E-01	2.7E-02	2.5E-10
47	0.51578	0.00	3.0E-10	1.3E-04	1.0E-03	6.9E-08	1.6E-01	2.7E-02	3.0E-10
48	0.62196	0.00	3.6E-10	1.3E-04	1.0E-03	8.3E-08	1.6E-01	2.7E-02	3.6E-10
49	0.75041	0.00	4.3E-10	1.3E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-02	4.3E-10
50	0.89451	0.00	5.1E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.1E-10
51	1.04711	0.00	6.0E-10	1.3E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.0E-10
52	1.19277	0.00	6.8E-10	1.3E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	6.8E-10
53	1.32136	0.00	7.6E-10	1.3E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.6E-10
54	1.41401	0.00	8.1E-10	1.3E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.1E-10
55	1.34624	0.00	7.7E-10	1.3E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.7E-10
56	1.24587	0.00	7.1E-10	1.3E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.1E-10
57	1.12089	0.00	6.4E-10	1.3E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.4E-10
58	0.99376	0.00	5.7E-10	1.3E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.7E-10
59	0.87339	0.00	5.0E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.0E-10
60	0.76483	0.00	4.4E-10	1.3E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-02	4.4E-10
61	0.33198	0.00	1.9E-10	1.3E-04	1.0E-03	4.4E-08	1.6E-01	2.7E-02	1.9E-10
62	0.40018	0.00	2.3E-10	1.3E-04	1.0E-03	5.3E-08	1.6E-01	2.7E-02	2.3E-10
63	0.48793	0.00	2.8E-10	1.3E-04	1.0E-03	6.5E-08	1.6E-01	2.7E-02	2.8E-10
64	0.60382	0.00	3.5E-10	1.3E-04	1.0E-03	8.0E-08	1.6E-01	2.7E-02	3.5E-10
65	0.75939	0.00	4.3E-10	1.3E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-02	4.3E-10
66	0.96173	0.00	5.5E-10	1.3E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.5E-10
67	1.21262	0.00	6.9E-10	1.3E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	6.9E-10
68	1.50146	0.00	8.6E-10	1.3E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.6E-10
69	1.7881	0.00	1.0E-09	1.3E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
70	2.03841	0.00	1.2E-09	1.3E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
71	2.19193	0.00	1.3E-09	1.3E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.3E-09
72	1.40686	0.00	8.1E-10	1.3E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.1E-10
73	1.19604	0.00	6.8E-10	1.3E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	6.8E-10
74	1.01523	0.00	5.8E-10	1.3E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.8E-10
75	0.86428	0.00	4.9E-10	1.3E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.9E-10
76	0.32019	0.00	1.8E-10	1.3E-04	1.0E-03	4.3E-08	1.6E-01	2.7E-02	1.8E-10
77	0.40593	0.00	2.3E-10	1.3E-04	1.0E-03	5.4E-08	1.6E-01	2.7E-02	2.3E-10
78	0.52383	0.00	3.0E-10	1.3E-04	1.0E-03	7.0E-08	1.6E-01	2.7E-02	3.0E-10
79	0.70151	0.00	4.0E-10	1.3E-04	1.0E-03	9.3E-08	1.6E-01	2.7E-02	4.0E-10
80	0.92099	0.00	5.3E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.3E-10
81	1.2422	0.00	7.1E-10	1.3E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.1E-10
82	1.69971	0.00	9.7E-10	1.3E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	9.7E-10
83	2.30846	0.00	1.3E-09	1.3E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
84	2.98287	0.00	1.7E-09	1.3E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
85	3.55376	0.00	2.0E-09	1.3E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-02	2.0E-09

MUIR School Project

Risk From P1P1 - Mitigated Residential

Max 0.03

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
86	3.79824	0.00	2.2E-09	1.3E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.2E-09
87	1.72085	0.00	9.8E-10	1.3E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	9.8E-10
88	1.3977	0.00	8.0E-10	1.3E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.0E-10
89	1.14517	0.00	6.6E-10	1.3E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.6E-10
90	0.9476	0.00	5.4E-10	1.3E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.4E-10
91	0.79171	0.00	4.5E-10	1.3E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.5E-10
92	0.37191	0.00	2.1E-10	1.3E-04	1.0E-03	4.9E-08	1.6E-01	2.7E-02	2.1E-10
93	0.46591	0.00	2.7E-10	1.3E-04	1.0E-03	6.2E-08	1.6E-01	2.7E-02	2.7E-10
94	0.58858	0.00	3.4E-10	1.3E-04	1.0E-03	7.8E-08	1.6E-01	2.7E-02	3.4E-10
95	0.79706	0.00	4.6E-10	1.3E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.6E-10
96	1.09598	0.00	6.3E-10	1.3E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.3E-10
97	1.58114	0.00	9.1E-10	1.3E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.1E-10
98	2.42916	0.00	1.4E-09	1.3E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-02	1.4E-09
99	3.86335	0.00	2.2E-09	1.3E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-02	2.2E-09
100	5.91056	0.00	3.4E-09	1.3E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-02	3.4E-09
101	7.64665	0.00	4.4E-09	1.3E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.4E-09
102	7.80803	0.00	4.5E-09	1.3E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.5E-09
103	3.56613	0.00	2.0E-09	1.3E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-02	2.0E-09
104	2.01357	0.00	1.2E-09	1.3E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
105	1.56638	0.00	9.0E-10	1.3E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.0E-10
106	1.24425	0.00	7.1E-10	1.3E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.1E-10
107	1.00348	0.00	5.7E-10	1.3E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.7E-10
108	0.82617	0.00	4.7E-10	1.3E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.7E-10
109	0.4907	0.00	2.8E-10	1.3E-04	1.0E-03	6.5E-08	1.6E-01	2.7E-02	2.8E-10
110	0.63692	0.00	3.6E-10	1.3E-04	1.0E-03	8.5E-08	1.6E-01	2.7E-02	3.6E-10
111	0.87596	0.00	5.0E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.0E-10
112	1.25075	0.00	7.2E-10	1.3E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.2E-10
113	1.91225	0.00	1.1E-09	1.3E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
114	3.35871	0.00	1.9E-09	1.3E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-02	1.9E-09
115	6.80264	0.00	3.9E-09	1.3E-04	1.0E-03	9.0E-07	1.6E-01	2.7E-02	3.9E-09
116	15.6008	0.01	8.9E-09	1.3E-04	1.0E-03	2.1E-06	1.6E-01	2.7E-02	8.9E-09
117	26.25565	0.02	1.5E-08	1.3E-04	1.0E-03	3.5E-06	1.6E-01	2.7E-02	1.5E-08
118	20.45034	0.01	1.2E-08	1.3E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
119	4.46212	0.00	2.6E-09	1.3E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-02	2.6E-09
120	3.06963	0.00	1.8E-09	1.3E-04	1.0E-03	4.1E-07	1.6E-01	2.7E-02	1.8E-09
121	2.22343	0.00	1.3E-09	1.3E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
122	1.68178	0.00	9.6E-10	1.3E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.6E-10
123	1.30589	0.00	7.5E-10	1.3E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.5E-10
124	1.03875	0.00	5.9E-10	1.3E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	5.9E-10
125	0.84357	0.00	4.8E-10	1.3E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.8E-10
126	0.66417	0.00	3.8E-10	1.3E-04	1.0E-03	8.8E-08	1.6E-01	2.7E-02	3.8E-10
127	0.91639	0.00	5.2E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.2E-10
128	1.33621	0.00	7.6E-10	1.3E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.6E-10

MUIR School Project

Risk From P1P1 - Mitigated Residential

Max 0.03

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	2.09113	0.00	1.2E-09	1.3E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09
130	3.88899	0.00	2.2E-09	1.3E-04	1.0E-03	5.2E-07	1.6E-01	2.7E-02	2.2E-09
131	10.37083	0.01	5.9E-09	1.3E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.9E-09
132	57.62595	0.03	3.3E-08	1.3E-04	1.0E-03	7.7E-06	1.6E-01	2.7E-02	3.3E-08
133	4.96635	0.00	2.8E-09	1.3E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-02	2.8E-09
134	3.31565	0.00	1.9E-09	1.3E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
135	2.34917	0.00	1.3E-09	1.3E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
136	1.74428	0.00	1.0E-09	1.3E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	1.0E-09
137	1.33513	0.00	7.6E-10	1.3E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.6E-10
138	1.05889	0.00	6.1E-10	1.3E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.1E-10
139	0.85959	0.00	4.9E-10	1.3E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.9E-10
140	0.66439	0.00	3.8E-10	1.3E-04	1.0E-03	8.8E-08	1.6E-01	2.7E-02	3.8E-10
141	0.91122	0.00	5.2E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.2E-10
142	1.31658	0.00	7.5E-10	1.3E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.5E-10
143	2.06905	0.00	1.2E-09	1.3E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09
144	3.76122	0.00	2.2E-09	1.3E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.2E-09
145	4.95658	0.00	2.8E-09	1.3E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-02	2.8E-09
146	3.30049	0.00	1.9E-09	1.3E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
147	2.37085	0.00	1.4E-09	1.3E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-02	1.4E-09
148	1.76437	0.00	1.0E-09	1.3E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	1.0E-09
149	1.3592	0.00	7.8E-10	1.3E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.8E-10
150	1.07586	0.00	6.2E-10	1.3E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.2E-10
151	0.8748	0.00	5.0E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.0E-10
152	1.20477	0.00	6.9E-10	1.3E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	6.9E-10
153	1.79974	0.00	1.0E-09	1.3E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
154	2.8456	0.00	1.6E-09	1.3E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
155	3.09493	0.00	1.8E-09	1.3E-04	1.0E-03	4.1E-07	1.6E-01	2.7E-02	1.8E-09
156	2.27977	0.00	1.3E-09	1.3E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
157	1.73257	0.00	9.9E-10	1.3E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	9.9E-10
158	1.34762	0.00	7.7E-10	1.3E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.7E-10
159	1.07682	0.00	6.2E-10	1.3E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.2E-10
160	0.88926	0.00	5.1E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.1E-10
161	0.77518	0.00	4.4E-10	1.3E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-02	4.4E-10
162	1.03705	0.00	5.9E-10	1.3E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	5.9E-10
163	1.45141	0.00	8.3E-10	1.3E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.3E-10
164	2.06628	0.00	1.2E-09	1.3E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
165	3.01074	0.00	1.7E-09	1.3E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
166	2.63463	0.00	1.5E-09	1.3E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
167	2.05748	0.00	1.2E-09	1.3E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
168	1.62241	0.00	9.3E-10	1.3E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.3E-10
169	1.29845	0.00	7.4E-10	1.3E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.4E-10
170	1.06439	0.00	6.1E-10	1.3E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.1E-10
171	0.88418	0.00	5.1E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.1E-10

MUIR School Project

Risk From P1P1 - Mitigated Residential

Max 0.03

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	0.67654	0.00	3.9E-10	1.3E-04	1.0E-03	9.0E-08	1.6E-01	2.7E-02	3.9E-10
173	0.87227	0.00	5.0E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.0E-10
174	1.13973	0.00	6.5E-10	1.3E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.5E-10
175	1.50013	0.00	8.6E-10	1.3E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.6E-10
176	1.94713	0.00	1.1E-09	1.3E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
177	2.87886	0.00	1.6E-09	1.3E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
178	2.48236	0.00	1.4E-09	1.3E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
179	2.08927	0.00	1.2E-09	1.3E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09
180	1.73612	0.00	9.9E-10	1.3E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	9.9E-10
181	1.43675	0.00	8.2E-10	1.3E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.2E-10
182	1.19565	0.00	6.8E-10	1.3E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	6.8E-10
183	1.01588	0.00	5.8E-10	1.3E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	5.8E-10
184	0.85337	0.00	4.9E-10	1.3E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.9E-10
185	1.11379	0.00	6.4E-10	1.3E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.4E-10
186	1.37567	0.00	7.9E-10	1.3E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.9E-10
187	1.65677	0.00	9.5E-10	1.3E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.5E-10
188	2.06727	0.00	1.2E-09	1.3E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
189	2.06125	0.00	1.2E-09	1.3E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
190	1.95578	0.00	1.1E-09	1.3E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
191	1.79321	0.00	1.0E-09	1.3E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
192	1.59598	0.00	9.1E-10	1.3E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.1E-10
193	1.39945	0.00	8.0E-10	1.3E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.0E-10
194	1.21417	0.00	6.9E-10	1.3E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	6.9E-10
195	1.05357	0.00	6.0E-10	1.3E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.0E-10
196	0.91734	0.00	5.3E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.3E-10
197	0.79334	0.00	4.5E-10	1.3E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.5E-10
198	0.71781	0.00	4.1E-10	1.3E-04	1.0E-03	9.5E-08	1.6E-01	2.7E-02	4.1E-10
199	0.85218	0.00	4.9E-10	1.3E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.9E-10
200	1.00777	0.00	5.8E-10	1.3E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.8E-10
201	1.16561	0.00	6.7E-10	1.3E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.7E-10
202	1.31916	0.00	7.6E-10	1.3E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.6E-10
203	1.40551	0.00	8.0E-10	1.3E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.0E-10
204	1.43052	0.00	8.2E-10	1.3E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.2E-10
205	1.39211	0.00	8.0E-10	1.3E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.0E-10
206	1.30865	0.00	7.5E-10	1.3E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.5E-10
207	1.21363	0.00	6.9E-10	1.3E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	6.9E-10
208	1.10677	0.00	6.3E-10	1.3E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.3E-10
209	0.99099	0.00	5.7E-10	1.3E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.7E-10
210	0.89088	0.00	5.1E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.1E-10
211	0.7979	0.00	4.6E-10	1.3E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.6E-10
212	0.70864	0.00	4.1E-10	1.3E-04	1.0E-03	9.4E-08	1.6E-01	2.7E-02	4.1E-10
213	0.58082	0.00	3.3E-10	1.3E-04	1.0E-03	7.7E-08	1.6E-01	2.7E-02	3.3E-10
214	0.67263	0.00	3.8E-10	1.3E-04	1.0E-03	8.9E-08	1.6E-01	2.7E-02	3.8E-10

MUIR School Project

Risk From P1P1 - Mitigated Residential

Max 0.03

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
215	0.76548	0.00	4.4E-10	1.3E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-02	4.4E-10
216	0.87098	0.00	5.0E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.0E-10
217	0.96294	0.00	5.5E-10	1.3E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.5E-10
218	1.02518	0.00	5.9E-10	1.3E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	5.9E-10
219	1.04054	0.00	6.0E-10	1.3E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.0E-10
220	1.02674	0.00	5.9E-10	1.3E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	5.9E-10
221	0.9901	0.00	5.7E-10	1.3E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.7E-10
222	0.93655	0.00	5.4E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.4E-10
223	0.8752	0.00	5.0E-10	1.3E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.0E-10
224	0.81257	0.00	4.7E-10	1.3E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.7E-10
225	0.73349	0.00	4.2E-10	1.3E-04	1.0E-03	9.8E-08	1.6E-01	2.7E-02	4.2E-10
226	0.66485	0.00	3.8E-10	1.3E-04	1.0E-03	8.8E-08	1.6E-01	2.7E-02	3.8E-10
227	0.61306	0.00	3.5E-10	1.3E-04	1.0E-03	8.2E-08	1.6E-01	2.7E-02	3.5E-10
228	0.5387	0.00	3.1E-10	1.3E-04	1.0E-03	7.2E-08	1.6E-01	2.7E-02	3.1E-10
229	0.60689	0.00	3.5E-10	1.3E-04	1.0E-03	8.1E-08	1.6E-01	2.7E-02	3.5E-10
230	0.67501	0.00	3.9E-10	1.3E-04	1.0E-03	9.0E-08	1.6E-01	2.7E-02	3.9E-10
231	0.73669	0.00	4.2E-10	1.3E-04	1.0E-03	9.8E-08	1.6E-01	2.7E-02	4.2E-10
232	0.77934	0.00	4.5E-10	1.3E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-02	4.5E-10
233	0.79753	0.00	4.6E-10	1.3E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.6E-10
234	0.79192	0.00	4.5E-10	1.3E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.5E-10
235	0.7673	0.00	4.4E-10	1.3E-04	1.0E-03	1.0E-07	1.6E-01	2.7E-02	4.4E-10
236	0.73984	0.00	4.2E-10	1.3E-04	1.0E-03	9.8E-08	1.6E-01	2.7E-02	4.2E-10
237	0.70219	0.00	4.0E-10	1.3E-04	1.0E-03	9.3E-08	1.6E-01	2.7E-02	4.0E-10
238	0.61954	0.00	3.5E-10	1.3E-04	1.0E-03	8.2E-08	1.6E-01	2.7E-02	3.5E-10
239	0.5891	0.00	3.4E-10	1.3E-04	1.0E-03	7.8E-08	1.6E-01	2.7E-02	3.4E-10
240	0.55393	0.00	3.2E-10	1.3E-04	1.0E-03	7.4E-08	1.6E-01	2.7E-02	3.2E-10
241	0.51983	0.00	3.0E-10	1.3E-04	1.0E-03	6.9E-08	1.6E-01	2.7E-02	3.0E-10
242	0.35555	0.00	2.0E-10	1.3E-04	1.0E-03	4.7E-08	1.6E-01	2.7E-02	2.0E-10
243	0.39822	0.00	2.3E-10	1.3E-04	1.0E-03	5.3E-08	1.6E-01	2.7E-02	2.3E-10
244	0.44318	0.00	2.5E-10	1.3E-04	1.0E-03	5.9E-08	1.6E-01	2.7E-02	2.5E-10
245	0.49228	0.00	2.8E-10	1.3E-04	1.0E-03	6.5E-08	1.6E-01	2.7E-02	2.8E-10
246	0.54016	0.00	3.1E-10	1.3E-04	1.0E-03	7.2E-08	1.6E-01	2.7E-02	3.1E-10
247	0.58255	0.00	3.3E-10	1.3E-04	1.0E-03	7.7E-08	1.6E-01	2.7E-02	3.3E-10
248	0.61516	0.00	3.5E-10	1.3E-04	1.0E-03	8.2E-08	1.6E-01	2.7E-02	3.5E-10
249	0.6285	0.00	3.6E-10	1.3E-04	1.0E-03	8.4E-08	1.6E-01	2.7E-02	3.6E-10
250	0.62796	0.00	3.6E-10	1.3E-04	1.0E-03	8.3E-08	1.6E-01	2.7E-02	3.6E-10
251	0.61611	0.00	3.5E-10	1.3E-04	1.0E-03	8.2E-08	1.6E-01	2.7E-02	3.5E-10
252	0.571	0.00	3.3E-10	1.3E-04	1.0E-03	7.6E-08	1.6E-01	2.7E-02	3.3E-10
253	0.52898	0.00	3.0E-10	1.3E-04	1.0E-03	7.0E-08	1.6E-01	2.7E-02	3.0E-10
254	0.50177	0.00	2.9E-10	1.3E-04	1.0E-03	6.7E-08	1.6E-01	2.7E-02	2.9E-10
255	0.47995	0.00	2.7E-10	1.3E-04	1.0E-03	6.4E-08	1.6E-01	2.7E-02	2.7E-10
256	0.45882	0.00	2.6E-10	1.3E-04	1.0E-03	6.1E-08	1.6E-01	2.7E-02	2.6E-10
257	0.43642	0.00	2.5E-10	1.3E-04	1.0E-03	5.8E-08	1.6E-01	2.7E-02	2.5E-10

MUIR School Project

Risk From P1P1 - Mitigated Residential

Max 0.03

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
258	0.30692	0.00	1.8E-10	1.3E-04	1.0E-03	4.1E-08	1.6E-01	2.7E-02	1.8E-10
259	0.33751	0.00	1.9E-10	1.3E-04	1.0E-03	4.5E-08	1.6E-01	2.7E-02	1.9E-10
260	0.40993	0.00	2.3E-10	1.3E-04	1.0E-03	5.4E-08	1.6E-01	2.7E-02	2.3E-10
261	0.44268	0.00	2.5E-10	1.3E-04	1.0E-03	5.9E-08	1.6E-01	2.7E-02	2.5E-10
262	0.47467	0.00	2.7E-10	1.3E-04	1.0E-03	6.3E-08	1.6E-01	2.7E-02	2.7E-10
263	0.49563	0.00	2.8E-10	1.3E-04	1.0E-03	6.6E-08	1.6E-01	2.7E-02	2.8E-10
264	0.50998	0.00	2.9E-10	1.3E-04	1.0E-03	6.8E-08	1.6E-01	2.7E-02	2.9E-10
265	0.50977	0.00	2.9E-10	1.3E-04	1.0E-03	6.8E-08	1.6E-01	2.7E-02	2.9E-10
266	0.50304	0.00	2.9E-10	1.3E-04	1.0E-03	6.7E-08	1.6E-01	2.7E-02	2.9E-10
267	0.49114	0.00	2.8E-10	1.3E-04	1.0E-03	6.5E-08	1.6E-01	2.7E-02	2.8E-10
268	0.43459	0.00	2.5E-10	1.3E-04	1.0E-03	5.8E-08	1.6E-01	2.7E-02	2.5E-10
269	0.4144	0.00	2.4E-10	1.3E-04	1.0E-03	5.5E-08	1.6E-01	2.7E-02	2.4E-10
270	0.39533	0.00	2.3E-10	1.3E-04	1.0E-03	5.3E-08	1.6E-01	2.7E-02	2.3E-10
271	0.3844	0.00	2.2E-10	1.3E-04	1.0E-03	5.1E-08	1.6E-01	2.7E-02	2.2E-10
272	0.36898	0.00	2.1E-10	1.3E-04	1.0E-03	4.9E-08	1.6E-01	2.7E-02	2.1E-10
273	0.36962	0.00	2.1E-10	1.3E-04	1.0E-03	4.9E-08	1.6E-01	2.7E-02	2.1E-10
274	0.39318	0.00	2.3E-10	1.3E-04	1.0E-03	5.2E-08	1.6E-01	2.7E-02	2.3E-10
275	0.4105	0.00	2.3E-10	1.3E-04	1.0E-03	5.5E-08	1.6E-01	2.7E-02	2.3E-10
276	0.42159	0.00	2.4E-10	1.3E-04	1.0E-03	5.6E-08	1.6E-01	2.7E-02	2.4E-10
277	0.42341	0.00	2.4E-10	1.3E-04	1.0E-03	5.6E-08	1.6E-01	2.7E-02	2.4E-10
278	0.41976	0.00	2.4E-10	1.3E-04	1.0E-03	5.6E-08	1.6E-01	2.7E-02	2.4E-10
279	0.41264	0.00	2.4E-10	1.3E-04	1.0E-03	5.5E-08	1.6E-01	2.7E-02	2.4E-10
280	0.35892	0.00	2.1E-10	1.3E-04	1.0E-03	4.8E-08	1.6E-01	2.7E-02	2.1E-10
281	0.34727	0.00	2.0E-10	1.3E-04	1.0E-03	4.6E-08	1.6E-01	2.7E-02	2.0E-10
282	0.33372	0.00	1.9E-10	1.3E-04	1.0E-03	4.4E-08	1.6E-01	2.7E-02	1.9E-10
283	0.31008	0.00	1.8E-10	1.3E-04	1.0E-03	4.1E-08	1.6E-01	2.7E-02	1.8E-10
284	0.30767	0.00	1.8E-10	1.3E-04	1.0E-03	4.1E-08	1.6E-01	2.7E-02	1.8E-10

Risk From P1P2 - Mitigated Residential

MUIR School Project

Risk From P1P2 - Mitigated Residential

Max 0.02

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.19742	0.00	2.8E-10	3.2E-04	1.0E-03	6.6E-08	1.6E-01	2.7E-02	2.8E-10
44	0.22214	0.00	3.2E-10	3.2E-04	1.0E-03	7.4E-08	1.6E-01	2.7E-02	3.2E-10
45	0.25077	0.00	3.6E-10	3.2E-04	1.0E-03	8.3E-08	1.6E-01	2.7E-02	3.6E-10
46	0.28401	0.00	4.1E-10	3.2E-04	1.0E-03	9.4E-08	1.6E-01	2.7E-02	4.1E-10
47	0.3213	0.00	4.6E-10	3.2E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.6E-10
48	0.3629	0.00	5.2E-10	3.2E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.2E-10
49	0.40744	0.00	5.8E-10	3.2E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	5.8E-10
50	0.45377	0.00	6.5E-10	3.2E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.5E-10
51	0.49975	0.00	7.2E-10	3.2E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.2E-10
52	0.54342	0.00	7.8E-10	3.2E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.8E-10
53	0.5834	0.00	8.3E-10	3.2E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.3E-10
54	0.61823	0.00	8.8E-10	3.2E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	8.8E-10
55	0.66907	0.00	9.6E-10	3.2E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.6E-10
56	0.66733	0.00	9.5E-10	3.2E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.5E-10
57	0.65034	0.00	9.3E-10	3.2E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.3E-10
58	0.62329	0.00	8.9E-10	3.2E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	8.9E-10
59	0.5891	0.00	8.4E-10	3.2E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.4E-10
60	0.55107	0.00	7.9E-10	3.2E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.9E-10
61	0.24309	0.00	3.5E-10	3.2E-04	1.0E-03	8.1E-08	1.6E-01	2.7E-02	3.5E-10
62	0.27937	0.00	4.0E-10	3.2E-04	1.0E-03	9.3E-08	1.6E-01	2.7E-02	4.0E-10
63	0.32167	0.00	4.6E-10	3.2E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.6E-10
64	0.37128	0.00	5.3E-10	3.2E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.3E-10
65	0.42613	0.00	6.1E-10	3.2E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.1E-10
66	0.4902	0.00	7.0E-10	3.2E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	7.0E-10
67	0.56248	0.00	8.0E-10	3.2E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.0E-10
68	0.63332	0.00	9.1E-10	3.2E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.1E-10
69	0.70135	0.00	1.0E-09	3.2E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	1.0E-09
70	0.76173	0.00	1.1E-09	3.2E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
71	0.81698	0.00	1.2E-09	3.2E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
72	0.82333	0.00	1.2E-09	3.2E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
73	0.77266	0.00	1.1E-09	3.2E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
74	0.71564	0.00	1.0E-09	3.2E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
75	0.6557	0.00	9.4E-10	3.2E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.4E-10
76	0.24131	0.00	3.5E-10	3.2E-04	1.0E-03	8.0E-08	1.6E-01	2.7E-02	3.5E-10
77	0.29118	0.00	4.2E-10	3.2E-04	1.0E-03	9.7E-08	1.6E-01	2.7E-02	4.2E-10
78	0.35196	0.00	5.0E-10	3.2E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.0E-10
79	0.42982	0.00	6.2E-10	3.2E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	6.2E-10
80	0.50982	0.00	7.3E-10	3.2E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.3E-10
81	0.60036	0.00	8.6E-10	3.2E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.6E-10
82	0.71251	0.00	1.0E-09	3.2E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
83	0.82781	0.00	1.2E-09	3.2E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09
84	0.9418	0.00	1.3E-09	3.2E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
85	1.04177	0.00	1.5E-09	3.2E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09

MUIR School Project

Risk From P1P2 - Mitigated Residential

Max 0.02

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
86	1.13078	0.00	1.6E-09	3.2E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
87	1.05742	0.00	1.5E-09	3.2E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
88	0.96494	0.00	1.4E-09	3.2E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-02	1.4E-09
89	0.86933	0.00	1.2E-09	3.2E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
90	0.77614	0.00	1.1E-09	3.2E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
91	0.68823	0.00	9.8E-10	3.2E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	9.8E-10
92	0.28284	0.00	4.0E-10	3.2E-04	1.0E-03	9.4E-08	1.6E-01	2.7E-02	4.0E-10
93	0.33751	0.00	4.8E-10	3.2E-04	1.0E-03	1.1E-07	1.6E-01	2.7E-02	4.8E-10
94	0.40184	0.00	5.8E-10	3.2E-04	1.0E-03	1.3E-07	1.6E-01	2.7E-02	5.8E-10
95	0.4965	0.00	7.1E-10	3.2E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.1E-10
96	0.60824	0.00	8.7E-10	3.2E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.7E-10
97	0.74063	0.00	1.1E-09	3.2E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
98	0.92246	0.00	1.3E-09	3.2E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
99	1.12161	0.00	1.6E-09	3.2E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-02	1.6E-09
100	1.32614	0.00	1.9E-09	3.2E-04	1.0E-03	4.4E-07	1.6E-01	2.7E-02	1.9E-09
101	1.50156	0.00	2.1E-09	3.2E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.1E-09
102	1.6731	0.00	2.4E-09	3.2E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09
103	1.67709	0.00	2.4E-09	3.2E-04	1.0E-03	5.6E-07	1.6E-01	2.7E-02	2.4E-09
104	1.37116	0.00	2.0E-09	3.2E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
105	1.20326	0.00	1.7E-09	3.2E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
106	1.04668	0.00	1.5E-09	3.2E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
107	0.90435	0.00	1.3E-09	3.2E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
108	0.78006	0.00	1.1E-09	3.2E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
109	0.3679	0.00	5.3E-10	3.2E-04	1.0E-03	1.2E-07	1.6E-01	2.7E-02	5.3E-10
110	0.45094	0.00	6.5E-10	3.2E-04	1.0E-03	1.5E-07	1.6E-01	2.7E-02	6.5E-10
111	0.56889	0.00	8.1E-10	3.2E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.1E-10
112	0.7229	0.00	1.0E-09	3.2E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
113	0.91906	0.00	1.3E-09	3.2E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
114	1.21651	0.00	1.7E-09	3.2E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
115	1.57772	0.00	2.3E-09	3.2E-04	1.0E-03	5.2E-07	1.6E-01	2.7E-02	2.3E-09
116	1.99582	0.00	2.9E-09	3.2E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-02	2.9E-09
117	2.39165	0.00	3.4E-09	3.2E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-02	3.4E-09
118	2.72508	0.00	3.9E-09	3.2E-04	1.0E-03	9.1E-07	1.6E-01	2.7E-02	3.9E-09
119	2.43686	0.00	3.5E-09	3.2E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-02	3.5E-09
120	2.09992	0.00	3.0E-09	3.2E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-02	3.0E-09
121	1.76632	0.00	2.5E-09	3.2E-04	1.0E-03	5.9E-07	1.6E-01	2.7E-02	2.5E-09
122	1.47757	0.00	2.1E-09	3.2E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
123	1.2315	0.00	1.8E-09	3.2E-04	1.0E-03	4.1E-07	1.6E-01	2.7E-02	1.8E-09
124	1.02702	0.00	1.5E-09	3.2E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
125	0.86808	0.00	1.2E-09	3.2E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
126	0.49775	0.00	7.1E-10	3.2E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.1E-10
127	0.64202	0.00	9.2E-10	3.2E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.2E-10
128	0.84669	0.00	1.2E-09	3.2E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09

MUIR School Project

Risk From P1P2 - Mitigated Residential

Max 0.02

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	1.12878	0.00	1.6E-09	3.2E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
130	1.60068	0.00	2.3E-09	3.2E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
131	2.40769	0.00	3.4E-09	3.2E-04	1.0E-03	8.0E-07	1.6E-01	2.7E-02	3.4E-09
132	3.38848	0.00	4.8E-09	3.2E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
133	3.59845	0.01	5.1E-09	3.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.1E-09
134	2.8476	0.00	4.1E-09	3.2E-04	1.0E-03	9.5E-07	1.6E-01	2.7E-02	4.1E-09
135	2.22746	0.00	3.2E-09	3.2E-04	1.0E-03	7.4E-07	1.6E-01	2.7E-02	3.2E-09
136	1.75467	0.00	2.5E-09	3.2E-04	1.0E-03	5.8E-07	1.6E-01	2.7E-02	2.5E-09
137	1.39567	0.00	2.0E-09	3.2E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
138	1.12588	0.00	1.6E-09	3.2E-04	1.0E-03	3.7E-07	1.6E-01	2.7E-02	1.6E-09
139	0.92223	0.00	1.3E-09	3.2E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
140	0.5368	0.00	7.7E-10	3.2E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.7E-10
141	0.70644	0.00	1.0E-09	3.2E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	1.0E-09
142	0.96557	0.00	1.4E-09	3.2E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-02	1.4E-09
143	1.37101	0.00	2.0E-09	3.2E-04	1.0E-03	4.6E-07	1.6E-01	2.7E-02	2.0E-09
144	2.15073	0.00	3.1E-09	3.2E-04	1.0E-03	7.1E-07	1.6E-01	2.7E-02	3.1E-09
145	5.27619	0.01	7.5E-09	3.2E-04	1.0E-03	1.8E-06	1.6E-01	2.7E-02	7.5E-09
146	3.64487	0.01	5.2E-09	3.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
147	2.65481	0.00	3.8E-09	3.2E-04	1.0E-03	8.8E-07	1.6E-01	2.7E-02	3.8E-09
148	1.97544	0.00	2.8E-09	3.2E-04	1.0E-03	6.6E-07	1.6E-01	2.7E-02	2.8E-09
149	1.51456	0.00	2.2E-09	3.2E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.2E-09
150	1.19152	0.00	1.7E-09	3.2E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
151	0.98674	0.00	1.4E-09	3.2E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
152	1.03563	0.00	1.5E-09	3.2E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
153	1.55591	0.00	2.2E-09	3.2E-04	1.0E-03	5.2E-07	1.6E-01	2.7E-02	2.2E-09
154	2.55277	0.00	3.7E-09	3.2E-04	1.0E-03	8.5E-07	1.6E-01	2.7E-02	3.7E-09
155	4.34628	0.01	6.2E-09	3.2E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
156	2.93705	0.00	4.2E-09	3.2E-04	1.0E-03	9.8E-07	1.6E-01	2.7E-02	4.2E-09
157	2.10579	0.00	3.0E-09	3.2E-04	1.0E-03	7.0E-07	1.6E-01	2.7E-02	3.0E-09
158	1.58736	0.00	2.3E-09	3.2E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
159	1.24821	0.00	1.8E-09	3.2E-04	1.0E-03	4.1E-07	1.6E-01	2.7E-02	1.8E-09
160	0.99316	0.00	1.4E-09	3.2E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
161	0.75278	0.00	1.1E-09	3.2E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
162	1.04709	0.00	1.5E-09	3.2E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
163	1.5915	0.00	2.3E-09	3.2E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
164	2.66571	0.00	3.8E-09	3.2E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-02	3.8E-09
165	5.56695	0.01	8.0E-09	3.2E-04	1.0E-03	1.9E-06	1.6E-01	2.7E-02	8.0E-09
166	4.59041	0.01	6.6E-09	3.2E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.6E-09
167	3.03614	0.00	4.3E-09	3.2E-04	1.0E-03	1.0E-06	1.6E-01	2.7E-02	4.3E-09
168	2.1595	0.00	3.1E-09	3.2E-04	1.0E-03	7.2E-07	1.6E-01	2.7E-02	3.1E-09
169	1.61443	0.00	2.3E-09	3.2E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-02	2.3E-09
170	1.26065	0.00	1.8E-09	3.2E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
171	0.99514	0.00	1.4E-09	3.2E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09

MUIR School Project

Risk From P1P2 - Mitigated Residential

Max 0.02

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	0.72701	0.00	1.0E-09	3.2E-04	1.0E-03	2.4E-07	1.6E-01	2.7E-02	1.0E-09
173	1.00439	0.00	1.4E-09	3.2E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
174	1.49654	0.00	2.1E-09	3.2E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.1E-09
175	2.34962	0.00	3.4E-09	3.2E-04	1.0E-03	7.8E-07	1.6E-01	2.7E-02	3.4E-09
176	4.15426	0.01	5.9E-09	3.2E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	5.9E-09
177	11.01261	0.02	1.6E-08	3.2E-04	1.0E-03	3.7E-06	1.6E-01	2.7E-02	1.6E-08
178	6.70751	0.01	9.6E-09	3.2E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.6E-09
179	4.33634	0.01	6.2E-09	3.2E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.2E-09
180	2.98353	0.00	4.3E-09	3.2E-04	1.0E-03	9.9E-07	1.6E-01	2.7E-02	4.3E-09
181	2.1565	0.00	3.1E-09	3.2E-04	1.0E-03	7.2E-07	1.6E-01	2.7E-02	3.1E-09
182	1.63854	0.00	2.3E-09	3.2E-04	1.0E-03	5.4E-07	1.6E-01	2.7E-02	2.3E-09
183	1.27376	0.00	1.8E-09	3.2E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
184	1.00665	0.00	1.4E-09	3.2E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
185	1.85717	0.00	2.7E-09	3.2E-04	1.0E-03	6.2E-07	1.6E-01	2.7E-02	2.7E-09
186	2.85314	0.00	4.1E-09	3.2E-04	1.0E-03	9.5E-07	1.6E-01	2.7E-02	4.1E-09
187	4.43507	0.01	6.3E-09	3.2E-04	1.0E-03	1.5E-06	1.6E-01	2.7E-02	6.3E-09
188	8.23397	0.01	1.2E-08	3.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.2E-08
189	8.02885	0.01	1.1E-08	3.2E-04	1.0E-03	2.7E-06	1.6E-01	2.7E-02	1.1E-08
190	6.56599	0.01	9.4E-09	3.2E-04	1.0E-03	2.2E-06	1.6E-01	2.7E-02	9.4E-09
191	4.92478	0.01	7.0E-09	3.2E-04	1.0E-03	1.6E-06	1.6E-01	2.7E-02	7.0E-09
192	3.62761	0.01	5.2E-09	3.2E-04	1.0E-03	1.2E-06	1.6E-01	2.7E-02	5.2E-09
193	2.69017	0.00	3.8E-09	3.2E-04	1.0E-03	8.9E-07	1.6E-01	2.7E-02	3.8E-09
194	2.04113	0.00	2.9E-09	3.2E-04	1.0E-03	6.8E-07	1.6E-01	2.7E-02	2.9E-09
195	1.59748	0.00	2.3E-09	3.2E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
196	1.26145	0.00	1.8E-09	3.2E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
197	1.0136	0.00	1.5E-09	3.2E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
198	1.05583	0.00	1.5E-09	3.2E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
199	1.41671	0.00	2.0E-09	3.2E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-02	2.0E-09
200	1.93655	0.00	2.8E-09	3.2E-04	1.0E-03	6.4E-07	1.6E-01	2.7E-02	2.8E-09
201	2.60375	0.00	3.7E-09	3.2E-04	1.0E-03	8.7E-07	1.6E-01	2.7E-02	3.7E-09
202	3.42433	0.00	4.9E-09	3.2E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.9E-09
203	4.01347	0.01	5.7E-09	3.2E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.7E-09
204	4.19753	0.01	6.0E-09	3.2E-04	1.0E-03	1.4E-06	1.6E-01	2.7E-02	6.0E-09
205	3.8953	0.01	5.6E-09	3.2E-04	1.0E-03	1.3E-06	1.6E-01	2.7E-02	5.6E-09
206	3.33717	0.00	4.8E-09	3.2E-04	1.0E-03	1.1E-06	1.6E-01	2.7E-02	4.8E-09
207	2.75469	0.00	3.9E-09	3.2E-04	1.0E-03	9.2E-07	1.6E-01	2.7E-02	3.9E-09
208	2.22691	0.00	3.2E-09	3.2E-04	1.0E-03	7.4E-07	1.6E-01	2.7E-02	3.2E-09
209	1.80701	0.00	2.6E-09	3.2E-04	1.0E-03	6.0E-07	1.6E-01	2.7E-02	2.6E-09
210	1.46953	0.00	2.1E-09	3.2E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
211	1.20115	0.00	1.7E-09	3.2E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
212	0.98455	0.00	1.4E-09	3.2E-04	1.0E-03	3.3E-07	1.6E-01	2.7E-02	1.4E-09
213	0.86355	0.00	1.2E-09	3.2E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.2E-09
214	1.08817	0.00	1.6E-09	3.2E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.6E-09

MUIR School Project

Risk From P1P2 - Mitigated Residential

Max 0.02

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
215	1.36268	0.00	1.9E-09	3.2E-04	1.0E-03	4.5E-07	1.6E-01	2.7E-02	1.9E-09
216	1.7179	0.00	2.5E-09	3.2E-04	1.0E-03	5.7E-07	1.6E-01	2.7E-02	2.5E-09
217	2.09075	0.00	3.0E-09	3.2E-04	1.0E-03	6.9E-07	1.6E-01	2.7E-02	3.0E-09
218	2.39109	0.00	3.4E-09	3.2E-04	1.0E-03	7.9E-07	1.6E-01	2.7E-02	3.4E-09
219	2.4944	0.00	3.6E-09	3.2E-04	1.0E-03	8.3E-07	1.6E-01	2.7E-02	3.6E-09
220	2.43883	0.00	3.5E-09	3.2E-04	1.0E-03	8.1E-07	1.6E-01	2.7E-02	3.5E-09
221	2.25926	0.00	3.2E-09	3.2E-04	1.0E-03	7.5E-07	1.6E-01	2.7E-02	3.2E-09
222	2.0085	0.00	2.9E-09	3.2E-04	1.0E-03	6.7E-07	1.6E-01	2.7E-02	2.9E-09
223	1.71865	0.00	2.5E-09	3.2E-04	1.0E-03	5.7E-07	1.6E-01	2.7E-02	2.5E-09
224	1.48941	0.00	2.1E-09	3.2E-04	1.0E-03	5.0E-07	1.6E-01	2.7E-02	2.1E-09
225	1.27336	0.00	1.8E-09	3.2E-04	1.0E-03	4.2E-07	1.6E-01	2.7E-02	1.8E-09
226	1.07232	0.00	1.5E-09	3.2E-04	1.0E-03	3.6E-07	1.6E-01	2.7E-02	1.5E-09
227	0.91584	0.00	1.3E-09	3.2E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
228	0.83956	0.00	1.2E-09	3.2E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09
229	1.01542	0.00	1.5E-09	3.2E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
230	1.21234	0.00	1.7E-09	3.2E-04	1.0E-03	4.0E-07	1.6E-01	2.7E-02	1.7E-09
231	1.41698	0.00	2.0E-09	3.2E-04	1.0E-03	4.7E-07	1.6E-01	2.7E-02	2.0E-09
232	1.58107	0.00	2.3E-09	3.2E-04	1.0E-03	5.3E-07	1.6E-01	2.7E-02	2.3E-09
233	1.66367	0.00	2.4E-09	3.2E-04	1.0E-03	5.5E-07	1.6E-01	2.7E-02	2.4E-09
234	1.65475	0.00	2.4E-09	3.2E-04	1.0E-03	5.5E-07	1.6E-01	2.7E-02	2.4E-09
235	1.54233	0.00	2.2E-09	3.2E-04	1.0E-03	5.1E-07	1.6E-01	2.7E-02	2.2E-09
236	1.47124	0.00	2.1E-09	3.2E-04	1.0E-03	4.9E-07	1.6E-01	2.7E-02	2.1E-09
237	1.30274	0.00	1.9E-09	3.2E-04	1.0E-03	4.3E-07	1.6E-01	2.7E-02	1.9E-09
238	1.16006	0.00	1.7E-09	3.2E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09
239	1.0437	0.00	1.5E-09	3.2E-04	1.0E-03	3.5E-07	1.6E-01	2.7E-02	1.5E-09
240	0.9253	0.00	1.3E-09	3.2E-04	1.0E-03	3.1E-07	1.6E-01	2.7E-02	1.3E-09
241	0.81585	0.00	1.2E-09	3.2E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
242	0.48238	0.00	6.9E-10	3.2E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	6.9E-10
243	0.56868	0.00	8.1E-10	3.2E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.1E-10
244	0.66675	0.00	9.5E-10	3.2E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.5E-10
245	0.78126	0.00	1.1E-09	3.2E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
246	0.90375	0.00	1.3E-09	3.2E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
247	1.02527	0.00	1.5E-09	3.2E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
248	1.12992	0.00	1.6E-09	3.2E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.6E-09
249	1.17848	0.00	1.7E-09	3.2E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09
250	1.18496	0.00	1.7E-09	3.2E-04	1.0E-03	3.9E-07	1.6E-01	2.7E-02	1.7E-09
251	1.15735	0.00	1.7E-09	3.2E-04	1.0E-03	3.8E-07	1.6E-01	2.7E-02	1.7E-09
252	1.02173	0.00	1.5E-09	3.2E-04	1.0E-03	3.4E-07	1.6E-01	2.7E-02	1.5E-09
253	0.96882	0.00	1.4E-09	3.2E-04	1.0E-03	3.2E-07	1.6E-01	2.7E-02	1.4E-09
254	0.90136	0.00	1.3E-09	3.2E-04	1.0E-03	3.0E-07	1.6E-01	2.7E-02	1.3E-09
255	0.83697	0.00	1.2E-09	3.2E-04	1.0E-03	2.8E-07	1.6E-01	2.7E-02	1.2E-09
256	0.77006	0.00	1.1E-09	3.2E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
257	0.7008	0.00	1.0E-09	3.2E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	1.0E-09

MUIR School Project

Risk From P1P2 - Mitigated Residential

Max 0.02

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
258	0.415	0.00	5.9E-10	3.2E-04	1.0E-03	1.4E-07	1.6E-01	2.7E-02	5.9E-10
259	0.472	0.00	6.8E-10	3.2E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	6.8E-10
260	0.62796	0.00	9.0E-10	3.2E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.0E-10
261	0.70034	0.00	1.0E-09	3.2E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	1.0E-09
262	0.78179	0.00	1.1E-09	3.2E-04	1.0E-03	2.6E-07	1.6E-01	2.7E-02	1.1E-09
263	0.80445	0.00	1.2E-09	3.2E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
264	0.88674	0.00	1.3E-09	3.2E-04	1.0E-03	2.9E-07	1.6E-01	2.7E-02	1.3E-09
265	0.82452	0.00	1.2E-09	3.2E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
266	0.81545	0.00	1.2E-09	3.2E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
267	0.82402	0.00	1.2E-09	3.2E-04	1.0E-03	2.7E-07	1.6E-01	2.7E-02	1.2E-09
268	0.74693	0.00	1.1E-09	3.2E-04	1.0E-03	2.5E-07	1.6E-01	2.7E-02	1.1E-09
269	0.70656	0.00	1.0E-09	3.2E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	1.0E-09
270	0.6659	0.00	9.5E-10	3.2E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.5E-10
271	0.63268	0.00	9.1E-10	3.2E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.1E-10
272	0.59098	0.00	8.5E-10	3.2E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.5E-10
273	0.55869	0.00	8.0E-10	3.2E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.0E-10
274	0.6135	0.00	8.8E-10	3.2E-04	1.0E-03	2.0E-07	1.6E-01	2.7E-02	8.8E-10
275	0.64955	0.00	9.3E-10	3.2E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.3E-10
276	0.68313	0.00	9.8E-10	3.2E-04	1.0E-03	2.3E-07	1.6E-01	2.7E-02	9.8E-10
277	0.64453	0.00	9.2E-10	3.2E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.2E-10
278	0.64153	0.00	9.2E-10	3.2E-04	1.0E-03	2.1E-07	1.6E-01	2.7E-02	9.2E-10
279	0.6765	0.00	9.7E-10	3.2E-04	1.0E-03	2.2E-07	1.6E-01	2.7E-02	9.7E-10
280	0.58282	0.00	8.3E-10	3.2E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.3E-10
281	0.56227	0.00	8.0E-10	3.2E-04	1.0E-03	1.9E-07	1.6E-01	2.7E-02	8.0E-10
282	0.53784	0.00	7.7E-10	3.2E-04	1.0E-03	1.8E-07	1.6E-01	2.7E-02	7.7E-10
283	0.49804	0.00	7.1E-10	3.2E-04	1.0E-03	1.7E-07	1.6E-01	2.7E-02	7.1E-10
284	0.48571	0.00	7.0E-10	3.2E-04	1.0E-03	1.6E-07	1.6E-01	2.7E-02	7.0E-10

Risk From P2D - Mitigated Residential

MUIR School Project

Risk From P2D - Mitigated Residential

Max 0.15

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.17152	0.00	4.2E-10	3.4E-04	1.0E-03	6.0E-08	1.6E-01	4.4E-02	4.2E-10
44	0.18991	0.00	4.6E-10	3.4E-04	1.0E-03	6.7E-08	1.6E-01	4.4E-02	4.6E-10
45	0.21053	0.00	5.1E-10	3.4E-04	1.0E-03	7.4E-08	1.6E-01	4.4E-02	5.1E-10
46	0.23372	0.00	5.7E-10	3.4E-04	1.0E-03	8.2E-08	1.6E-01	4.4E-02	5.7E-10
47	0.25898	0.00	6.3E-10	3.4E-04	1.0E-03	9.1E-08	1.6E-01	4.4E-02	6.3E-10
48	0.28569	0.00	6.9E-10	3.4E-04	1.0E-03	1.0E-07	1.6E-01	4.4E-02	6.9E-10
49	0.31376	0.00	7.6E-10	3.4E-04	1.0E-03	1.1E-07	1.6E-01	4.4E-02	7.6E-10
50	0.34166	0.00	8.3E-10	3.4E-04	1.0E-03	1.2E-07	1.6E-01	4.4E-02	8.3E-10
51	0.36918	0.00	8.9E-10	3.4E-04	1.0E-03	1.3E-07	1.6E-01	4.4E-02	8.9E-10
52	0.39513	0.00	9.6E-10	3.4E-04	1.0E-03	1.4E-07	1.6E-01	4.4E-02	9.6E-10
53	0.41923	0.00	1.0E-09	3.4E-04	1.0E-03	1.5E-07	1.6E-01	4.4E-02	1.0E-09
54	0.44022	0.00	1.1E-09	3.4E-04	1.0E-03	1.5E-07	1.6E-01	4.4E-02	1.1E-09
55	0.47917	0.00	1.2E-09	3.4E-04	1.0E-03	1.7E-07	1.6E-01	4.4E-02	1.2E-09
56	0.48501	0.00	1.2E-09	3.4E-04	1.0E-03	1.7E-07	1.6E-01	4.4E-02	1.2E-09
57	0.48184	0.00	1.2E-09	3.4E-04	1.0E-03	1.7E-07	1.6E-01	4.4E-02	1.2E-09
58	0.47207	0.00	1.1E-09	3.4E-04	1.0E-03	1.7E-07	1.6E-01	4.4E-02	1.1E-09
59	0.45664	0.00	1.1E-09	3.4E-04	1.0E-03	1.6E-07	1.6E-01	4.4E-02	1.1E-09
60	0.43722	0.00	1.1E-09	3.4E-04	1.0E-03	1.5E-07	1.6E-01	4.4E-02	1.1E-09
61	0.20778	0.00	5.0E-10	3.4E-04	1.0E-03	7.3E-08	1.6E-01	4.4E-02	5.0E-10
62	0.23406	0.00	5.7E-10	3.4E-04	1.0E-03	8.2E-08	1.6E-01	4.4E-02	5.7E-10
63	0.26332	0.00	6.4E-10	3.4E-04	1.0E-03	9.3E-08	1.6E-01	4.4E-02	6.4E-10
64	0.29608	0.00	7.2E-10	3.4E-04	1.0E-03	1.0E-07	1.6E-01	4.4E-02	7.2E-10
65	0.33247	0.00	8.1E-10	3.4E-04	1.0E-03	1.2E-07	1.6E-01	4.4E-02	8.1E-10
66	0.3713	0.00	9.0E-10	3.4E-04	1.0E-03	1.3E-07	1.6E-01	4.4E-02	9.0E-10
67	0.41121	0.00	1.0E-09	3.4E-04	1.0E-03	1.4E-07	1.6E-01	4.4E-02	1.0E-09
68	0.45105	0.00	1.1E-09	3.4E-04	1.0E-03	1.6E-07	1.6E-01	4.4E-02	1.1E-09
69	0.48874	0.00	1.2E-09	3.4E-04	1.0E-03	1.7E-07	1.6E-01	4.4E-02	1.2E-09
70	0.52392	0.00	1.3E-09	3.4E-04	1.0E-03	1.8E-07	1.6E-01	4.4E-02	1.3E-09
71	0.55443	0.00	1.3E-09	3.4E-04	1.0E-03	2.0E-07	1.6E-01	4.4E-02	1.3E-09
72	0.59738	0.00	1.4E-09	3.4E-04	1.0E-03	2.1E-07	1.6E-01	4.4E-02	1.4E-09
73	0.57757	0.00	1.4E-09	3.4E-04	1.0E-03	2.0E-07	1.6E-01	4.4E-02	1.4E-09
74	0.55085	0.00	1.3E-09	3.4E-04	1.0E-03	1.9E-07	1.6E-01	4.4E-02	1.3E-09
75	0.51967	0.00	1.3E-09	3.4E-04	1.0E-03	1.8E-07	1.6E-01	4.4E-02	1.3E-09
76	0.20757	0.00	5.0E-10	3.4E-04	1.0E-03	7.3E-08	1.6E-01	4.4E-02	5.0E-10
77	0.2447	0.00	5.9E-10	3.4E-04	1.0E-03	8.6E-08	1.6E-01	4.4E-02	5.9E-10
78	0.28766	0.00	7.0E-10	3.4E-04	1.0E-03	1.0E-07	1.6E-01	4.4E-02	7.0E-10
79	0.34029	0.00	8.2E-10	3.4E-04	1.0E-03	1.2E-07	1.6E-01	4.4E-02	8.2E-10
80	0.38969	0.00	9.4E-10	3.4E-04	1.0E-03	1.4E-07	1.6E-01	4.4E-02	9.4E-10
81	0.44475	0.00	1.1E-09	3.4E-04	1.0E-03	1.6E-07	1.6E-01	4.4E-02	1.1E-09
82	0.50373	0.00	1.2E-09	3.4E-04	1.0E-03	1.8E-07	1.6E-01	4.4E-02	1.2E-09
83	0.56387	0.00	1.4E-09	3.4E-04	1.0E-03	2.0E-07	1.6E-01	4.4E-02	1.4E-09
84	0.62178	0.00	1.5E-09	3.4E-04	1.0E-03	2.2E-07	1.6E-01	4.4E-02	1.5E-09
85	0.67523	0.00	1.6E-09	3.4E-04	1.0E-03	2.4E-07	1.6E-01	4.4E-02	1.6E-09

MUIR School Project

Risk From P2D - Mitigated Residential

Max 0.15

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
86	0.72169	0.00	1.7E-09	3.4E-04	1.0E-03	2.5E-07	1.6E-01	4.4E-02	1.7E-09
87	0.75314	0.00	1.8E-09	3.4E-04	1.0E-03	2.7E-07	1.6E-01	4.4E-02	1.8E-09
88	0.71543	0.00	1.7E-09	3.4E-04	1.0E-03	2.5E-07	1.6E-01	4.4E-02	1.7E-09
89	0.66937	0.00	1.6E-09	3.4E-04	1.0E-03	2.4E-07	1.6E-01	4.4E-02	1.6E-09
90	0.6202	0.00	1.5E-09	3.4E-04	1.0E-03	2.2E-07	1.6E-01	4.4E-02	1.5E-09
91	0.56926	0.00	1.4E-09	3.4E-04	1.0E-03	2.0E-07	1.6E-01	4.4E-02	1.4E-09
92	0.2434	0.00	5.9E-10	3.4E-04	1.0E-03	8.6E-08	1.6E-01	4.4E-02	5.9E-10
93	0.2837	0.00	6.9E-10	3.4E-04	1.0E-03	1.0E-07	1.6E-01	4.4E-02	6.9E-10
94	0.32831	0.00	8.0E-10	3.4E-04	1.0E-03	1.2E-07	1.6E-01	4.4E-02	8.0E-10
95	0.39144	0.00	9.5E-10	3.4E-04	1.0E-03	1.4E-07	1.6E-01	4.4E-02	9.5E-10
96	0.45959	0.00	1.1E-09	3.4E-04	1.0E-03	1.6E-07	1.6E-01	4.4E-02	1.1E-09
97	0.53791	0.00	1.3E-09	3.4E-04	1.0E-03	1.9E-07	1.6E-01	4.4E-02	1.3E-09
98	0.62939	0.00	1.5E-09	3.4E-04	1.0E-03	2.2E-07	1.6E-01	4.4E-02	1.5E-09
99	0.72505	0.00	1.8E-09	3.4E-04	1.0E-03	2.6E-07	1.6E-01	4.4E-02	1.8E-09
100	0.8196	0.00	2.0E-09	3.4E-04	1.0E-03	2.9E-07	1.6E-01	4.4E-02	2.0E-09
101	0.90366	0.00	2.2E-09	3.4E-04	1.0E-03	3.2E-07	1.6E-01	4.4E-02	2.2E-09
102	0.98123	0.00	2.4E-09	3.4E-04	1.0E-03	3.5E-07	1.6E-01	4.4E-02	2.4E-09
103	1.05993	0.00	2.6E-09	3.4E-04	1.0E-03	3.7E-07	1.6E-01	4.4E-02	2.6E-09
104	0.9664	0.00	2.3E-09	3.4E-04	1.0E-03	3.4E-07	1.6E-01	4.4E-02	2.3E-09
105	0.89427	0.00	2.2E-09	3.4E-04	1.0E-03	3.1E-07	1.6E-01	4.4E-02	2.2E-09
106	0.81645	0.00	2.0E-09	3.4E-04	1.0E-03	2.9E-07	1.6E-01	4.4E-02	2.0E-09
107	0.73836	0.00	1.8E-09	3.4E-04	1.0E-03	2.6E-07	1.6E-01	4.4E-02	1.8E-09
108	0.66201	0.00	1.6E-09	3.4E-04	1.0E-03	2.3E-07	1.6E-01	4.4E-02	1.6E-09
109	0.31152	0.00	7.6E-10	3.4E-04	1.0E-03	1.1E-07	1.6E-01	4.4E-02	7.6E-10
110	0.37041	0.00	9.0E-10	3.4E-04	1.0E-03	1.3E-07	1.6E-01	4.4E-02	9.0E-10
111	0.44981	0.00	1.1E-09	3.4E-04	1.0E-03	1.6E-07	1.6E-01	4.4E-02	1.1E-09
112	0.54369	0.00	1.3E-09	3.4E-04	1.0E-03	1.9E-07	1.6E-01	4.4E-02	1.3E-09
113	0.65644	0.00	1.6E-09	3.4E-04	1.0E-03	2.3E-07	1.6E-01	4.4E-02	1.6E-09
114	0.80232	0.00	1.9E-09	3.4E-04	1.0E-03	2.8E-07	1.6E-01	4.4E-02	1.9E-09
115	0.96074	0.00	2.3E-09	3.4E-04	1.0E-03	3.4E-07	1.6E-01	4.4E-02	2.3E-09
116	1.12739	0.00	2.7E-09	3.4E-04	1.0E-03	4.0E-07	1.6E-01	4.4E-02	2.7E-09
117	1.28036	0.00	3.1E-09	3.4E-04	1.0E-03	4.5E-07	1.6E-01	4.4E-02	3.1E-09
118	1.41684	0.00	3.4E-09	3.4E-04	1.0E-03	5.0E-07	1.6E-01	4.4E-02	3.4E-09
119	1.47283	0.00	3.6E-09	3.4E-04	1.0E-03	5.2E-07	1.6E-01	4.4E-02	3.6E-09
120	1.37736	0.00	3.3E-09	3.4E-04	1.0E-03	4.8E-07	1.6E-01	4.4E-02	3.3E-09
121	1.25268	0.00	3.0E-09	3.4E-04	1.0E-03	4.4E-07	1.6E-01	4.4E-02	3.0E-09
122	1.12123	0.00	2.7E-09	3.4E-04	1.0E-03	3.9E-07	1.6E-01	4.4E-02	2.7E-09
123	0.99136	0.00	2.4E-09	3.4E-04	1.0E-03	3.5E-07	1.6E-01	4.4E-02	2.4E-09
124	0.86955	0.00	2.1E-09	3.4E-04	1.0E-03	3.1E-07	1.6E-01	4.4E-02	2.1E-09
125	0.75902	0.00	1.8E-09	3.4E-04	1.0E-03	2.7E-07	1.6E-01	4.4E-02	1.8E-09
126	0.41401	0.00	1.0E-09	3.4E-04	1.0E-03	1.5E-07	1.6E-01	4.4E-02	1.0E-09
127	0.51274	0.00	1.2E-09	3.4E-04	1.0E-03	1.8E-07	1.6E-01	4.4E-02	1.2E-09
128	0.64149	0.00	1.6E-09	3.4E-04	1.0E-03	2.3E-07	1.6E-01	4.4E-02	1.6E-09

MUIR School Project

Risk From P2D - Mitigated Residential

Max 0.15

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	0.80216	0.00	1.9E-09	3.4E-04	1.0E-03	2.8E-07	1.6E-01	4.4E-02	1.9E-09
130	1.02612	0.00	2.5E-09	3.4E-04	1.0E-03	3.6E-07	1.6E-01	4.4E-02	2.5E-09
131	1.33635	0.00	3.2E-09	3.4E-04	1.0E-03	4.7E-07	1.6E-01	4.4E-02	3.2E-09
132	1.65596	0.00	4.0E-09	3.4E-04	1.0E-03	5.8E-07	1.6E-01	4.4E-02	4.0E-09
133	2.11568	0.01	5.1E-09	3.4E-04	1.0E-03	7.4E-07	1.6E-01	4.4E-02	5.1E-09
134	1.89182	0.00	4.6E-09	3.4E-04	1.0E-03	6.7E-07	1.6E-01	4.4E-02	4.6E-09
135	1.6356	0.00	4.0E-09	3.4E-04	1.0E-03	5.8E-07	1.6E-01	4.4E-02	4.0E-09
136	1.39591	0.00	3.4E-09	3.4E-04	1.0E-03	4.9E-07	1.6E-01	4.4E-02	3.4E-09
137	1.1864	0.00	2.9E-09	3.4E-04	1.0E-03	4.2E-07	1.6E-01	4.4E-02	2.9E-09
138	1.00355	0.00	2.4E-09	3.4E-04	1.0E-03	3.5E-07	1.6E-01	4.4E-02	2.4E-09
139	0.85146	0.00	2.1E-09	3.4E-04	1.0E-03	3.0E-07	1.6E-01	4.4E-02	2.1E-09
140	0.45615	0.00	1.1E-09	3.4E-04	1.0E-03	1.6E-07	1.6E-01	4.4E-02	1.1E-09
141	0.57821	0.00	1.4E-09	3.4E-04	1.0E-03	2.0E-07	1.6E-01	4.4E-02	1.4E-09
142	0.74779	0.00	1.8E-09	3.4E-04	1.0E-03	2.6E-07	1.6E-01	4.4E-02	1.8E-09
143	0.99138	0.00	2.4E-09	3.4E-04	1.0E-03	3.5E-07	1.6E-01	4.4E-02	2.4E-09
144	1.36481	0.00	3.3E-09	3.4E-04	1.0E-03	4.8E-07	1.6E-01	4.4E-02	3.3E-09
145	3.16417	0.01	7.7E-09	3.4E-04	1.0E-03	1.1E-06	1.6E-01	4.4E-02	7.7E-09
146	2.57252	0.01	6.2E-09	3.4E-04	1.0E-03	9.1E-07	1.6E-01	4.4E-02	6.2E-09
147	2.09809	0.01	5.1E-09	3.4E-04	1.0E-03	7.4E-07	1.6E-01	4.4E-02	5.1E-09
148	1.69475	0.00	4.1E-09	3.4E-04	1.0E-03	6.0E-07	1.6E-01	4.4E-02	4.1E-09
149	1.3737	0.00	3.3E-09	3.4E-04	1.0E-03	4.8E-07	1.6E-01	4.4E-02	3.3E-09
150	1.12268	0.00	2.7E-09	3.4E-04	1.0E-03	4.0E-07	1.6E-01	4.4E-02	2.7E-09
151	0.98869	0.00	2.4E-09	3.4E-04	1.0E-03	3.5E-07	1.6E-01	4.4E-02	2.4E-09
152	0.85081	0.00	2.1E-09	3.4E-04	1.0E-03	3.0E-07	1.6E-01	4.4E-02	2.1E-09
153	1.1913	0.00	2.9E-09	3.4E-04	1.0E-03	4.2E-07	1.6E-01	4.4E-02	2.9E-09
154	1.72771	0.00	4.2E-09	3.4E-04	1.0E-03	6.1E-07	1.6E-01	4.4E-02	4.2E-09
155	3.47563	0.01	8.4E-09	3.4E-04	1.0E-03	1.2E-06	1.6E-01	4.4E-02	8.4E-09
156	2.58511	0.01	6.3E-09	3.4E-04	1.0E-03	9.1E-07	1.6E-01	4.4E-02	6.3E-09
157	1.96515	0.00	4.8E-09	3.4E-04	1.0E-03	6.9E-07	1.6E-01	4.4E-02	4.8E-09
158	1.5216	0.00	3.7E-09	3.4E-04	1.0E-03	5.4E-07	1.6E-01	4.4E-02	3.7E-09
159	1.20756	0.00	2.9E-09	3.4E-04	1.0E-03	4.2E-07	1.6E-01	4.4E-02	2.9E-09
160	1.01869	0.00	2.5E-09	3.4E-04	1.0E-03	3.6E-07	1.6E-01	4.4E-02	2.5E-09
161	0.68114	0.00	1.7E-09	3.4E-04	1.0E-03	2.4E-07	1.6E-01	4.4E-02	1.7E-09
162	0.92463	0.00	2.2E-09	3.4E-04	1.0E-03	3.3E-07	1.6E-01	4.4E-02	2.2E-09
163	1.35248	0.00	3.3E-09	3.4E-04	1.0E-03	4.8E-07	1.6E-01	4.4E-02	3.3E-09
164	2.11709	0.01	5.1E-09	3.4E-04	1.0E-03	7.4E-07	1.6E-01	4.4E-02	5.1E-09
165	3.8608	0.01	9.4E-09	3.4E-04	1.0E-03	1.4E-06	1.6E-01	4.4E-02	9.4E-09
166	4.30996	0.01	1.0E-08	3.4E-04	1.0E-03	1.5E-06	1.6E-01	4.4E-02	1.0E-08
167	2.96798	0.01	7.2E-09	3.4E-04	1.0E-03	1.0E-06	1.6E-01	4.4E-02	7.2E-09
168	2.14876	0.01	5.2E-09	3.4E-04	1.0E-03	7.6E-07	1.6E-01	4.4E-02	5.2E-09
169	1.62102	0.00	3.9E-09	3.4E-04	1.0E-03	5.7E-07	1.6E-01	4.4E-02	3.9E-09
170	1.27785	0.00	3.1E-09	3.4E-04	1.0E-03	4.5E-07	1.6E-01	4.4E-02	3.1E-09
171	1.02834	0.00	2.5E-09	3.4E-04	1.0E-03	3.6E-07	1.6E-01	4.4E-02	2.5E-09

MUIR School Project

Risk From P2D - Mitigated Residential

Max 0.15

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	0.69744	0.00	1.7E-09	3.4E-04	1.0E-03	2.5E-07	1.6E-01	4.4E-02	1.7E-09
173	0.96421	0.00	2.3E-09	3.4E-04	1.0E-03	3.4E-07	1.6E-01	4.4E-02	2.3E-09
174	1.42401	0.00	3.5E-09	3.4E-04	1.0E-03	5.0E-07	1.6E-01	4.4E-02	3.5E-09
175	2.31074	0.01	5.6E-09	3.4E-04	1.0E-03	8.1E-07	1.6E-01	4.4E-02	5.6E-09
176	4.34308	0.01	1.1E-08	3.4E-04	1.0E-03	1.5E-06	1.6E-01	4.4E-02	1.1E-08
177	16.12498	0.04	3.9E-08	3.4E-04	1.0E-03	5.7E-06	1.6E-01	4.4E-02	3.9E-08
178	8.08496	0.02	2.0E-08	3.4E-04	1.0E-03	2.8E-06	1.6E-01	4.4E-02	2.0E-08
179	4.80893	0.01	1.2E-08	3.4E-04	1.0E-03	1.7E-06	1.6E-01	4.4E-02	1.2E-08
180	3.18298	0.01	7.7E-09	3.4E-04	1.0E-03	1.1E-06	1.6E-01	4.4E-02	7.7E-09
181	2.25002	0.01	5.5E-09	3.4E-04	1.0E-03	7.9E-07	1.6E-01	4.4E-02	5.5E-09
182	1.67345	0.00	4.1E-09	3.4E-04	1.0E-03	5.9E-07	1.6E-01	4.4E-02	4.1E-09
183	1.30645	0.00	3.2E-09	3.4E-04	1.0E-03	4.6E-07	1.6E-01	4.4E-02	3.2E-09
184	1.0285	0.00	2.5E-09	3.4E-04	1.0E-03	3.6E-07	1.6E-01	4.4E-02	2.5E-09
185	2.17918	0.01	5.3E-09	3.4E-04	1.0E-03	7.7E-07	1.6E-01	4.4E-02	5.3E-09
186	3.95214	0.01	9.6E-09	3.4E-04	1.0E-03	1.4E-06	1.6E-01	4.4E-02	9.6E-09
187	8.62676	0.02	2.1E-08	3.4E-04	1.0E-03	3.0E-06	1.6E-01	4.4E-02	2.1E-08
188	60.17071	0.15	1.5E-07	3.4E-04	1.0E-03	2.1E-05	1.6E-01	4.4E-02	1.5E-07
189	32.13622	0.08	7.8E-08	3.4E-04	1.0E-03	1.1E-05	1.6E-01	4.4E-02	7.8E-08
190	14.7252	0.04	3.6E-08	3.4E-04	1.0E-03	5.2E-06	1.6E-01	4.4E-02	3.6E-08
191	7.85389	0.02	1.9E-08	3.4E-04	1.0E-03	2.8E-06	1.6E-01	4.4E-02	1.9E-08
192	4.80895	0.01	1.2E-08	3.4E-04	1.0E-03	1.7E-06	1.6E-01	4.4E-02	1.2E-08
193	3.2059	0.01	7.8E-09	3.4E-04	1.0E-03	1.1E-06	1.6E-01	4.4E-02	7.8E-09
194	2.28109	0.01	5.5E-09	3.4E-04	1.0E-03	8.0E-07	1.6E-01	4.4E-02	5.5E-09
195	1.70867	0.00	4.1E-09	3.4E-04	1.0E-03	6.0E-07	1.6E-01	4.4E-02	4.1E-09
196	1.32066	0.00	3.2E-09	3.4E-04	1.0E-03	4.6E-07	1.6E-01	4.4E-02	3.2E-09
197	1.04211	0.00	2.5E-09	3.4E-04	1.0E-03	3.7E-07	1.6E-01	4.4E-02	2.5E-09
198	1.24286	0.00	3.0E-09	3.4E-04	1.0E-03	4.4E-07	1.6E-01	4.4E-02	3.0E-09
199	1.83902	0.00	4.5E-09	3.4E-04	1.0E-03	6.5E-07	1.6E-01	4.4E-02	4.5E-09
200	2.93666	0.01	7.1E-09	3.4E-04	1.0E-03	1.0E-06	1.6E-01	4.4E-02	7.1E-09
201	4.94066	0.01	1.2E-08	3.4E-04	1.0E-03	1.7E-06	1.6E-01	4.4E-02	1.2E-08
202	8.92105	0.02	2.2E-08	3.4E-04	1.0E-03	3.1E-06	1.6E-01	4.4E-02	2.2E-08
203	12.9973	0.03	3.2E-08	3.4E-04	1.0E-03	4.6E-06	1.6E-01	4.4E-02	3.2E-08
204	12.55971	0.03	3.0E-08	3.4E-04	1.0E-03	4.4E-06	1.6E-01	4.4E-02	3.0E-08
205	9.10249	0.02	2.2E-08	3.4E-04	1.0E-03	3.2E-06	1.6E-01	4.4E-02	2.2E-08
206	6.18154	0.01	1.5E-08	3.4E-04	1.0E-03	2.2E-06	1.6E-01	4.4E-02	1.5E-08
207	4.2361	0.01	1.0E-08	3.4E-04	1.0E-03	1.5E-06	1.6E-01	4.4E-02	1.0E-08
208	3.00404	0.01	7.3E-09	3.4E-04	1.0E-03	1.1E-06	1.6E-01	4.4E-02	7.3E-09
209	2.21733	0.01	5.4E-09	3.4E-04	1.0E-03	7.8E-07	1.6E-01	4.4E-02	5.4E-09
210	1.69401	0.00	4.1E-09	3.4E-04	1.0E-03	6.0E-07	1.6E-01	4.4E-02	4.1E-09
211	1.32668	0.00	3.2E-09	3.4E-04	1.0E-03	4.7E-07	1.6E-01	4.4E-02	3.2E-09
212	1.04901	0.00	2.5E-09	3.4E-04	1.0E-03	3.7E-07	1.6E-01	4.4E-02	2.5E-09
213	1.05869	0.00	2.6E-09	3.4E-04	1.0E-03	3.7E-07	1.6E-01	4.4E-02	2.6E-09
214	1.4691	0.00	3.6E-09	3.4E-04	1.0E-03	5.2E-07	1.6E-01	4.4E-02	3.6E-09

MUIR School Project

Risk From P2D - Mitigated Residential

Max 0.15

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
215	2.05357	0.00	5.0E-09	3.4E-04	1.0E-03	7.2E-07	1.6E-01	4.4E-02	5.0E-09
216	2.97702	0.01	7.2E-09	3.4E-04	1.0E-03	1.0E-06	1.6E-01	4.4E-02	7.2E-09
217	4.21172	0.01	1.0E-08	3.4E-04	1.0E-03	1.5E-06	1.6E-01	4.4E-02	1.0E-08
218	5.39395	0.01	1.3E-08	3.4E-04	1.0E-03	1.9E-06	1.6E-01	4.4E-02	1.3E-08
219	5.66315	0.01	1.4E-08	3.4E-04	1.0E-03	2.0E-06	1.6E-01	4.4E-02	1.4E-08
220	5.13618	0.01	1.2E-08	3.4E-04	1.0E-03	1.8E-06	1.6E-01	4.4E-02	1.2E-08
221	4.21467	0.01	1.0E-08	3.4E-04	1.0E-03	1.5E-06	1.6E-01	4.4E-02	1.0E-08
222	3.30463	0.01	8.0E-09	3.4E-04	1.0E-03	1.2E-06	1.6E-01	4.4E-02	8.0E-09
223	2.56152	0.01	6.2E-09	3.4E-04	1.0E-03	9.0E-07	1.6E-01	4.4E-02	6.2E-09
224	1.9978	0.00	4.8E-09	3.4E-04	1.0E-03	7.0E-07	1.6E-01	4.4E-02	4.8E-09
225	1.59441	0.00	3.9E-09	3.4E-04	1.0E-03	5.6E-07	1.6E-01	4.4E-02	3.9E-09
226	1.26849	0.00	3.1E-09	3.4E-04	1.0E-03	4.5E-07	1.6E-01	4.4E-02	3.1E-09
227	1.03449	0.00	2.5E-09	3.4E-04	1.0E-03	3.6E-07	1.6E-01	4.4E-02	2.5E-09
228	1.13345	0.00	2.7E-09	3.4E-04	1.0E-03	4.0E-07	1.6E-01	4.4E-02	2.7E-09
229	1.48483	0.00	3.6E-09	3.4E-04	1.0E-03	5.2E-07	1.6E-01	4.4E-02	3.6E-09
230	1.92913	0.00	4.7E-09	3.4E-04	1.0E-03	6.8E-07	1.6E-01	4.4E-02	4.7E-09
231	2.46147	0.01	6.0E-09	3.4E-04	1.0E-03	8.7E-07	1.6E-01	4.4E-02	6.0E-09
232	2.93737	0.01	7.1E-09	3.4E-04	1.0E-03	1.0E-06	1.6E-01	4.4E-02	7.1E-09
233	3.15036	0.01	7.6E-09	3.4E-04	1.0E-03	1.1E-06	1.6E-01	4.4E-02	7.6E-09
234	3.05862	0.01	7.4E-09	3.4E-04	1.0E-03	1.1E-06	1.6E-01	4.4E-02	7.4E-09
235	2.76204	0.01	6.7E-09	3.4E-04	1.0E-03	9.7E-07	1.6E-01	4.4E-02	6.7E-09
236	2.40667	0.01	5.8E-09	3.4E-04	1.0E-03	8.5E-07	1.6E-01	4.4E-02	5.8E-09
237	2.02739	0.00	4.9E-09	3.4E-04	1.0E-03	7.1E-07	1.6E-01	4.4E-02	4.9E-09
238	1.6823	0.00	4.1E-09	3.4E-04	1.0E-03	5.9E-07	1.6E-01	4.4E-02	4.1E-09
239	1.40753	0.00	3.4E-09	3.4E-04	1.0E-03	5.0E-07	1.6E-01	4.4E-02	3.4E-09
240	1.17292	0.00	2.8E-09	3.4E-04	1.0E-03	4.1E-07	1.6E-01	4.4E-02	2.8E-09
241	0.98126	0.00	2.4E-09	3.4E-04	1.0E-03	3.5E-07	1.6E-01	4.4E-02	2.4E-09
242	0.58247	0.00	1.4E-09	3.4E-04	1.0E-03	2.0E-07	1.6E-01	4.4E-02	1.4E-09
243	0.71895	0.00	1.7E-09	3.4E-04	1.0E-03	2.5E-07	1.6E-01	4.4E-02	1.7E-09
244	0.88755	0.00	2.2E-09	3.4E-04	1.0E-03	3.1E-07	1.6E-01	4.4E-02	2.2E-09
245	1.10042	0.00	2.7E-09	3.4E-04	1.0E-03	3.9E-07	1.6E-01	4.4E-02	2.7E-09
246	1.34677	0.00	3.3E-09	3.4E-04	1.0E-03	4.7E-07	1.6E-01	4.4E-02	3.3E-09
247	1.61577	0.00	3.9E-09	3.4E-04	1.0E-03	5.7E-07	1.6E-01	4.4E-02	3.9E-09
248	1.86548	0.00	4.5E-09	3.4E-04	1.0E-03	6.6E-07	1.6E-01	4.4E-02	4.5E-09
249	1.98303	0.00	4.8E-09	3.4E-04	1.0E-03	7.0E-07	1.6E-01	4.4E-02	4.8E-09
250	1.97853	0.00	4.8E-09	3.4E-04	1.0E-03	7.0E-07	1.6E-01	4.4E-02	4.8E-09
251	1.88291	0.00	4.6E-09	3.4E-04	1.0E-03	6.6E-07	1.6E-01	4.4E-02	4.6E-09
252	1.67886	0.00	4.1E-09	3.4E-04	1.0E-03	5.9E-07	1.6E-01	4.4E-02	4.1E-09
253	1.50614	0.00	3.7E-09	3.4E-04	1.0E-03	5.3E-07	1.6E-01	4.4E-02	3.7E-09
254	1.33312	0.00	3.2E-09	3.4E-04	1.0E-03	4.7E-07	1.6E-01	4.4E-02	3.2E-09
255	1.17398	0.00	2.8E-09	3.4E-04	1.0E-03	4.1E-07	1.6E-01	4.4E-02	2.8E-09
256	1.02435	0.00	2.5E-09	3.4E-04	1.0E-03	3.6E-07	1.6E-01	4.4E-02	2.5E-09
257	0.88779	0.00	2.2E-09	3.4E-04	1.0E-03	3.1E-07	1.6E-01	4.4E-02	2.2E-09

MUIR School Project

Risk From P2D - Mitigated Residential

Max 0.15

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
258	0.4994	0.00	1.2E-09	3.4E-04	1.0E-03	1.8E-07	1.6E-01	4.4E-02	1.2E-09
259	0.59263	0.00	1.4E-09	3.4E-04	1.0E-03	2.1E-07	1.6E-01	4.4E-02	1.4E-09
260	0.8507	0.00	2.1E-09	3.4E-04	1.0E-03	3.0E-07	1.6E-01	4.4E-02	2.1E-09
261	0.99178	0.00	2.4E-09	3.4E-04	1.0E-03	3.5E-07	1.6E-01	4.4E-02	2.4E-09
262	1.15274	0.00	2.8E-09	3.4E-04	1.0E-03	4.1E-07	1.6E-01	4.4E-02	2.8E-09
263	1.28	0.00	3.1E-09	3.4E-04	1.0E-03	4.5E-07	1.6E-01	4.4E-02	3.1E-09
264	1.37021	0.00	3.3E-09	3.4E-04	1.0E-03	4.8E-07	1.6E-01	4.4E-02	3.3E-09
265	1.36478	0.00	3.3E-09	3.4E-04	1.0E-03	4.8E-07	1.6E-01	4.4E-02	3.3E-09
266	1.33278	0.00	3.2E-09	3.4E-04	1.0E-03	4.7E-07	1.6E-01	4.4E-02	3.2E-09
267	1.2705	0.00	3.1E-09	3.4E-04	1.0E-03	4.5E-07	1.6E-01	4.4E-02	3.1E-09
268	1.1216	0.00	2.7E-09	3.4E-04	1.0E-03	3.9E-07	1.6E-01	4.4E-02	2.7E-09
269	1.0329	0.00	2.5E-09	3.4E-04	1.0E-03	3.6E-07	1.6E-01	4.4E-02	2.5E-09
270	0.94354	0.00	2.3E-09	3.4E-04	1.0E-03	3.3E-07	1.6E-01	4.4E-02	2.3E-09
271	0.86096	0.00	2.1E-09	3.4E-04	1.0E-03	3.0E-07	1.6E-01	4.4E-02	2.1E-09
272	0.7733	0.00	1.9E-09	3.4E-04	1.0E-03	2.7E-07	1.6E-01	4.4E-02	1.9E-09
273	0.75974	0.00	1.8E-09	3.4E-04	1.0E-03	2.7E-07	1.6E-01	4.4E-02	1.8E-09
274	0.85903	0.00	2.1E-09	3.4E-04	1.0E-03	3.0E-07	1.6E-01	4.4E-02	2.1E-09
275	0.94337	0.00	2.3E-09	3.4E-04	1.0E-03	3.3E-07	1.6E-01	4.4E-02	2.3E-09
276	1.00137	0.00	2.4E-09	3.4E-04	1.0E-03	3.5E-07	1.6E-01	4.4E-02	2.4E-09
277	1.00446	0.00	2.4E-09	3.4E-04	1.0E-03	3.5E-07	1.6E-01	4.4E-02	2.4E-09
278	0.99679	0.00	2.4E-09	3.4E-04	1.0E-03	3.5E-07	1.6E-01	4.4E-02	2.4E-09
279	0.96675	0.00	2.3E-09	3.4E-04	1.0E-03	3.4E-07	1.6E-01	4.4E-02	2.3E-09
280	0.83796	0.00	2.0E-09	3.4E-04	1.0E-03	2.9E-07	1.6E-01	4.4E-02	2.0E-09
281	0.79973	0.00	1.9E-09	3.4E-04	1.0E-03	2.8E-07	1.6E-01	4.4E-02	1.9E-09
282	0.7524	0.00	1.8E-09	3.4E-04	1.0E-03	2.6E-07	1.6E-01	4.4E-02	1.8E-09
283	0.68509	0.00	1.7E-09	3.4E-04	1.0E-03	2.4E-07	1.6E-01	4.4E-02	1.7E-09
284	0.64704	0.00	1.6E-09	3.4E-04	1.0E-03	2.3E-07	1.6E-01	4.4E-02	1.6E-09

Risk From P2BC - Mitigated Residential

MUIR School Project

Risk From P2BC - Mitigated Residential

Max 0.30

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.18112	0.00	1.7E-09	1.3E-04	1.0E-03	2.5E-08	1.6E-01	4.2E-01	1.7E-09
44	0.20099	0.00	1.8E-09	1.3E-04	1.0E-03	2.8E-08	1.6E-01	4.2E-01	1.8E-09
45	0.22328	0.00	2.0E-09	1.3E-04	1.0E-03	3.1E-08	1.6E-01	4.2E-01	2.0E-09
46	0.24832	0.00	2.3E-09	1.3E-04	1.0E-03	3.4E-08	1.6E-01	4.2E-01	2.3E-09
47	0.27554	0.00	2.5E-09	1.3E-04	1.0E-03	3.8E-08	1.6E-01	4.2E-01	2.5E-09
48	0.3042	0.00	2.8E-09	1.3E-04	1.0E-03	4.2E-08	1.6E-01	4.2E-01	2.8E-09
49	0.33415	0.00	3.1E-09	1.3E-04	1.0E-03	4.6E-08	1.6E-01	4.2E-01	3.1E-09
50	0.36365	0.00	3.3E-09	1.3E-04	1.0E-03	5.0E-08	1.6E-01	4.2E-01	3.3E-09
51	0.39244	0.00	3.6E-09	1.3E-04	1.0E-03	5.4E-08	1.6E-01	4.2E-01	3.6E-09
52	0.41931	0.00	3.8E-09	1.3E-04	1.0E-03	5.8E-08	1.6E-01	4.2E-01	3.8E-09
53	0.44405	0.00	4.1E-09	1.3E-04	1.0E-03	6.1E-08	1.6E-01	4.2E-01	4.1E-09
54	0.4654	0.00	4.3E-09	1.3E-04	1.0E-03	6.4E-08	1.6E-01	4.2E-01	4.3E-09
55	0.50189	0.00	4.6E-09	1.3E-04	1.0E-03	6.9E-08	1.6E-01	4.2E-01	4.6E-09
56	0.505	0.00	4.6E-09	1.3E-04	1.0E-03	6.9E-08	1.6E-01	4.2E-01	4.6E-09
57	0.49838	0.00	4.6E-09	1.3E-04	1.0E-03	6.8E-08	1.6E-01	4.2E-01	4.6E-09
58	0.48497	0.00	4.4E-09	1.3E-04	1.0E-03	6.7E-08	1.6E-01	4.2E-01	4.4E-09
59	0.46608	0.00	4.3E-09	1.3E-04	1.0E-03	6.4E-08	1.6E-01	4.2E-01	4.3E-09
60	0.44357	0.00	4.1E-09	1.3E-04	1.0E-03	6.1E-08	1.6E-01	4.2E-01	4.1E-09
61	0.22076	0.00	2.0E-09	1.3E-04	1.0E-03	3.0E-08	1.6E-01	4.2E-01	2.0E-09
62	0.24942	0.00	2.3E-09	1.3E-04	1.0E-03	3.4E-08	1.6E-01	4.2E-01	2.3E-09
63	0.28133	0.00	2.6E-09	1.3E-04	1.0E-03	3.9E-08	1.6E-01	4.2E-01	2.6E-09
64	0.31701	0.00	2.9E-09	1.3E-04	1.0E-03	4.4E-08	1.6E-01	4.2E-01	2.9E-09
65	0.35661	0.00	3.3E-09	1.3E-04	1.0E-03	4.9E-08	1.6E-01	4.2E-01	3.3E-09
66	0.39856	0.00	3.7E-09	1.3E-04	1.0E-03	5.5E-08	1.6E-01	4.2E-01	3.7E-09
67	0.44117	0.00	4.0E-09	1.3E-04	1.0E-03	6.1E-08	1.6E-01	4.2E-01	4.0E-09
68	0.4833	0.00	4.4E-09	1.3E-04	1.0E-03	6.6E-08	1.6E-01	4.2E-01	4.4E-09
69	0.52263	0.00	4.8E-09	1.3E-04	1.0E-03	7.2E-08	1.6E-01	4.2E-01	4.8E-09
70	0.55899	0.01	5.1E-09	1.3E-04	1.0E-03	7.7E-08	1.6E-01	4.2E-01	5.1E-09
71	0.5901	0.01	5.4E-09	1.3E-04	1.0E-03	8.1E-08	1.6E-01	4.2E-01	5.4E-09
72	0.61716	0.01	5.7E-09	1.3E-04	1.0E-03	8.5E-08	1.6E-01	4.2E-01	5.7E-09
73	0.59177	0.01	5.4E-09	1.3E-04	1.0E-03	8.1E-08	1.6E-01	4.2E-01	5.4E-09
74	0.56005	0.01	5.1E-09	1.3E-04	1.0E-03	7.7E-08	1.6E-01	4.2E-01	5.1E-09
75	0.5248	0.00	4.8E-09	1.3E-04	1.0E-03	7.2E-08	1.6E-01	4.2E-01	4.8E-09
76	0.2209	0.00	2.0E-09	1.3E-04	1.0E-03	3.0E-08	1.6E-01	4.2E-01	2.0E-09
77	0.26156	0.00	2.4E-09	1.3E-04	1.0E-03	3.6E-08	1.6E-01	4.2E-01	2.4E-09
78	0.30885	0.00	2.8E-09	1.3E-04	1.0E-03	4.2E-08	1.6E-01	4.2E-01	2.8E-09
79	0.36698	0.00	3.4E-09	1.3E-04	1.0E-03	5.0E-08	1.6E-01	4.2E-01	3.4E-09
80	0.42137	0.00	3.9E-09	1.3E-04	1.0E-03	5.8E-08	1.6E-01	4.2E-01	3.9E-09
81	0.48186	0.00	4.4E-09	1.3E-04	1.0E-03	6.6E-08	1.6E-01	4.2E-01	4.4E-09
82	0.54579	0.01	5.0E-09	1.3E-04	1.0E-03	7.5E-08	1.6E-01	4.2E-01	5.0E-09
83	0.61025	0.01	5.6E-09	1.3E-04	1.0E-03	8.4E-08	1.6E-01	4.2E-01	5.6E-09
84	0.67136	0.01	6.2E-09	1.3E-04	1.0E-03	9.2E-08	1.6E-01	4.2E-01	6.2E-09
85	0.72699	0.01	6.7E-09	1.3E-04	1.0E-03	1.0E-07	1.6E-01	4.2E-01	6.7E-09

MUIR School Project

Risk From P2BC - Mitigated Residential

Max 0.30

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
86	0.77452	0.01	7.1E-09	1.3E-04	1.0E-03	1.1E-07	1.6E-01	4.2E-01	7.1E-09
87	0.77581	0.01	7.1E-09	1.3E-04	1.0E-03	1.1E-07	1.6E-01	4.2E-01	7.1E-09
88	0.72955	0.01	6.7E-09	1.3E-04	1.0E-03	1.0E-07	1.6E-01	4.2E-01	6.7E-09
89	0.67655	0.01	6.2E-09	1.3E-04	1.0E-03	9.3E-08	1.6E-01	4.2E-01	6.2E-09
90	0.62209	0.01	5.7E-09	1.3E-04	1.0E-03	8.5E-08	1.6E-01	4.2E-01	5.7E-09
91	0.56708	0.01	5.2E-09	1.3E-04	1.0E-03	7.8E-08	1.6E-01	4.2E-01	5.2E-09
92	0.26052	0.00	2.4E-09	1.3E-04	1.0E-03	3.6E-08	1.6E-01	4.2E-01	2.4E-09
93	0.30521	0.00	2.8E-09	1.3E-04	1.0E-03	4.2E-08	1.6E-01	4.2E-01	2.8E-09
94	0.35488	0.00	3.3E-09	1.3E-04	1.0E-03	4.9E-08	1.6E-01	4.2E-01	3.3E-09
95	0.4255	0.00	3.9E-09	1.3E-04	1.0E-03	5.8E-08	1.6E-01	4.2E-01	3.9E-09
96	0.50174	0.00	4.6E-09	1.3E-04	1.0E-03	6.9E-08	1.6E-01	4.2E-01	4.6E-09
97	0.58936	0.01	5.4E-09	1.3E-04	1.0E-03	8.1E-08	1.6E-01	4.2E-01	5.4E-09
98	0.69046	0.01	6.3E-09	1.3E-04	1.0E-03	9.5E-08	1.6E-01	4.2E-01	6.3E-09
99	0.79487	0.01	7.3E-09	1.3E-04	1.0E-03	1.1E-07	1.6E-01	4.2E-01	7.3E-09
100	0.89613	0.01	8.2E-09	1.3E-04	1.0E-03	1.2E-07	1.6E-01	4.2E-01	8.2E-09
101	0.98472	0.01	9.0E-09	1.3E-04	1.0E-03	1.4E-07	1.6E-01	4.2E-01	9.0E-09
102	1.06399	0.01	9.8E-09	1.3E-04	1.0E-03	1.5E-07	1.6E-01	4.2E-01	9.8E-09
103	1.11566	0.01	1.0E-08	1.3E-04	1.0E-03	1.5E-07	1.6E-01	4.2E-01	1.0E-08
104	0.98959	0.01	9.1E-09	1.3E-04	1.0E-03	1.4E-07	1.6E-01	4.2E-01	9.1E-09
105	0.90463	0.01	8.3E-09	1.3E-04	1.0E-03	1.2E-07	1.6E-01	4.2E-01	8.3E-09
106	0.81764	0.01	7.5E-09	1.3E-04	1.0E-03	1.1E-07	1.6E-01	4.2E-01	7.5E-09
107	0.73299	0.01	6.7E-09	1.3E-04	1.0E-03	1.0E-07	1.6E-01	4.2E-01	6.7E-09
108	0.65248	0.01	6.0E-09	1.3E-04	1.0E-03	9.0E-08	1.6E-01	4.2E-01	6.0E-09
109	0.33673	0.00	3.1E-09	1.3E-04	1.0E-03	4.6E-08	1.6E-01	4.2E-01	3.1E-09
110	0.40304	0.00	3.7E-09	1.3E-04	1.0E-03	5.5E-08	1.6E-01	4.2E-01	3.7E-09
111	0.49308	0.00	4.5E-09	1.3E-04	1.0E-03	6.8E-08	1.6E-01	4.2E-01	4.5E-09
112	0.6	0.01	5.5E-09	1.3E-04	1.0E-03	8.2E-08	1.6E-01	4.2E-01	5.5E-09
113	0.72834	0.01	6.7E-09	1.3E-04	1.0E-03	1.0E-07	1.6E-01	4.2E-01	6.7E-09
114	0.89434	0.01	8.2E-09	1.3E-04	1.0E-03	1.2E-07	1.6E-01	4.2E-01	8.2E-09
115	1.0718	0.01	9.8E-09	1.3E-04	1.0E-03	1.5E-07	1.6E-01	4.2E-01	9.8E-09
116	1.25418	0.01	1.1E-08	1.3E-04	1.0E-03	1.7E-07	1.6E-01	4.2E-01	1.1E-08
117	1.41642	0.01	1.3E-08	1.3E-04	1.0E-03	1.9E-07	1.6E-01	4.2E-01	1.3E-08
118	1.55644	0.01	1.4E-08	1.3E-04	1.0E-03	2.1E-07	1.6E-01	4.2E-01	1.4E-08
119	1.54624	0.01	1.4E-08	1.3E-04	1.0E-03	2.1E-07	1.6E-01	4.2E-01	1.4E-08
120	1.41908	0.01	1.3E-08	1.3E-04	1.0E-03	1.9E-07	1.6E-01	4.2E-01	1.3E-08
121	1.26893	0.01	1.2E-08	1.3E-04	1.0E-03	1.7E-07	1.6E-01	4.2E-01	1.2E-08
122	1.11926	0.01	1.0E-08	1.3E-04	1.0E-03	1.5E-07	1.6E-01	4.2E-01	1.0E-08
123	0.97882	0.01	9.0E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	9.0E-09
124	0.85082	0.01	7.8E-09	1.3E-04	1.0E-03	1.2E-07	1.6E-01	4.2E-01	7.8E-09
125	0.73762	0.01	6.8E-09	1.3E-04	1.0E-03	1.0E-07	1.6E-01	4.2E-01	6.8E-09
126	0.4533	0.00	4.2E-09	1.3E-04	1.0E-03	6.2E-08	1.6E-01	4.2E-01	4.2E-09
127	0.56679	0.01	5.2E-09	1.3E-04	1.0E-03	7.8E-08	1.6E-01	4.2E-01	5.2E-09
128	0.71619	0.01	6.6E-09	1.3E-04	1.0E-03	9.8E-08	1.6E-01	4.2E-01	6.6E-09

MUIR School Project

Risk From P2BC - Mitigated Residential

Max 0.30

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	0.90321	0.01	8.3E-09	1.3E-04	1.0E-03	1.2E-07	1.6E-01	4.2E-01	8.3E-09
130	1.1643	0.01	1.1E-08	1.3E-04	1.0E-03	1.6E-07	1.6E-01	4.2E-01	1.1E-08
131	1.52396	0.01	1.4E-08	1.3E-04	1.0E-03	2.1E-07	1.6E-01	4.2E-01	1.4E-08
132	1.88445	0.02	1.7E-08	1.3E-04	1.0E-03	2.6E-07	1.6E-01	4.2E-01	1.7E-08
133	2.20163	0.02	2.0E-08	1.3E-04	1.0E-03	3.0E-07	1.6E-01	4.2E-01	2.0E-08
134	1.91772	0.02	1.8E-08	1.3E-04	1.0E-03	2.6E-07	1.6E-01	4.2E-01	1.8E-08
135	1.62382	0.01	1.5E-08	1.3E-04	1.0E-03	2.2E-07	1.6E-01	4.2E-01	1.5E-08
136	1.36539	0.01	1.3E-08	1.3E-04	1.0E-03	1.9E-07	1.6E-01	4.2E-01	1.3E-08
137	1.1475	0.01	1.1E-08	1.3E-04	1.0E-03	1.6E-07	1.6E-01	4.2E-01	1.1E-08
138	0.96361	0.01	8.8E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.8E-09
139	0.81393	0.01	7.5E-09	1.3E-04	1.0E-03	1.1E-07	1.6E-01	4.2E-01	7.5E-09
140	0.50204	0.00	4.6E-09	1.3E-04	1.0E-03	6.9E-08	1.6E-01	4.2E-01	4.6E-09
141	0.6441	0.01	5.9E-09	1.3E-04	1.0E-03	8.8E-08	1.6E-01	4.2E-01	5.9E-09
142	0.8444	0.01	7.7E-09	1.3E-04	1.0E-03	1.2E-07	1.6E-01	4.2E-01	7.7E-09
143	1.13679	0.01	1.0E-08	1.3E-04	1.0E-03	1.6E-07	1.6E-01	4.2E-01	1.0E-08
144	1.58896	0.01	1.5E-08	1.3E-04	1.0E-03	2.2E-07	1.6E-01	4.2E-01	1.5E-08
145	3.20934	0.03	2.9E-08	1.3E-04	1.0E-03	4.4E-07	1.6E-01	4.2E-01	2.9E-08
146	2.52827	0.02	2.3E-08	1.3E-04	1.0E-03	3.5E-07	1.6E-01	4.2E-01	2.3E-08
147	2.01789	0.02	1.8E-08	1.3E-04	1.0E-03	2.8E-07	1.6E-01	4.2E-01	1.8E-08
148	1.6098	0.01	1.5E-08	1.3E-04	1.0E-03	2.2E-07	1.6E-01	4.2E-01	1.5E-08
149	1.29571	0.01	1.2E-08	1.3E-04	1.0E-03	1.8E-07	1.6E-01	4.2E-01	1.2E-08
150	1.05553	0.01	9.7E-09	1.3E-04	1.0E-03	1.4E-07	1.6E-01	4.2E-01	9.7E-09
151	0.92276	0.01	8.5E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.5E-09
152	0.97056	0.01	8.9E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.9E-09
153	1.38947	0.01	1.3E-08	1.3E-04	1.0E-03	1.9E-07	1.6E-01	4.2E-01	1.3E-08
154	2.06019	0.02	1.9E-08	1.3E-04	1.0E-03	2.8E-07	1.6E-01	4.2E-01	1.9E-08
155	3.23293	0.03	3.0E-08	1.3E-04	1.0E-03	4.4E-07	1.6E-01	4.2E-01	3.0E-08
156	2.37885	0.02	2.2E-08	1.3E-04	1.0E-03	3.3E-07	1.6E-01	4.2E-01	2.2E-08
157	1.80267	0.02	1.7E-08	1.3E-04	1.0E-03	2.5E-07	1.6E-01	4.2E-01	1.7E-08
158	1.39663	0.01	1.3E-08	1.3E-04	1.0E-03	1.9E-07	1.6E-01	4.2E-01	1.3E-08
159	1.11306	0.01	1.0E-08	1.3E-04	1.0E-03	1.5E-07	1.6E-01	4.2E-01	1.0E-08
160	0.94131	0.01	8.6E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.6E-09
161	0.76518	0.01	7.0E-09	1.3E-04	1.0E-03	1.1E-07	1.6E-01	4.2E-01	7.0E-09
162	1.05879	0.01	9.7E-09	1.3E-04	1.0E-03	1.5E-07	1.6E-01	4.2E-01	9.7E-09
163	1.59483	0.01	1.5E-08	1.3E-04	1.0E-03	2.2E-07	1.6E-01	4.2E-01	1.5E-08
164	2.58675	0.02	2.4E-08	1.3E-04	1.0E-03	3.6E-07	1.6E-01	4.2E-01	2.4E-08
165	4.96111	0.05	4.5E-08	1.3E-04	1.0E-03	6.8E-07	1.6E-01	4.2E-01	4.5E-08
166	3.74556	0.03	3.4E-08	1.3E-04	1.0E-03	5.1E-07	1.6E-01	4.2E-01	3.4E-08
167	2.60717	0.02	2.4E-08	1.3E-04	1.0E-03	3.6E-07	1.6E-01	4.2E-01	2.4E-08
168	1.91313	0.02	1.8E-08	1.3E-04	1.0E-03	2.6E-07	1.6E-01	4.2E-01	1.8E-08
169	1.46076	0.01	1.3E-08	1.3E-04	1.0E-03	2.0E-07	1.6E-01	4.2E-01	1.3E-08
170	1.16588	0.01	1.1E-08	1.3E-04	1.0E-03	1.6E-07	1.6E-01	4.2E-01	1.1E-08
171	0.93946	0.01	8.6E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.6E-09

MUIR School Project

Risk From P2BC - Mitigated Residential

Max 0.30

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	0.78036	0.01	7.2E-09	1.3E-04	1.0E-03	1.1E-07	1.6E-01	4.2E-01	7.2E-09
173	1.10215	0.01	1.0E-08	1.3E-04	1.0E-03	1.5E-07	1.6E-01	4.2E-01	1.0E-08
174	1.67459	0.02	1.5E-08	1.3E-04	1.0E-03	2.3E-07	1.6E-01	4.2E-01	1.5E-08
175	2.84124	0.03	2.6E-08	1.3E-04	1.0E-03	3.9E-07	1.6E-01	4.2E-01	2.6E-08
176	5.74561	0.05	5.3E-08	1.3E-04	1.0E-03	7.9E-07	1.6E-01	4.2E-01	5.3E-08
177	11.21815	0.10	1.0E-07	1.3E-04	1.0E-03	1.5E-06	1.6E-01	4.2E-01	1.0E-07
178	6.28132	0.06	5.8E-08	1.3E-04	1.0E-03	8.6E-07	1.6E-01	4.2E-01	5.8E-08
179	3.9635	0.04	3.6E-08	1.3E-04	1.0E-03	5.4E-07	1.6E-01	4.2E-01	3.6E-08
180	2.72246	0.02	2.5E-08	1.3E-04	1.0E-03	3.7E-07	1.6E-01	4.2E-01	2.5E-08
181	1.97356	0.02	1.8E-08	1.3E-04	1.0E-03	2.7E-07	1.6E-01	4.2E-01	1.8E-08
182	1.4958	0.01	1.4E-08	1.3E-04	1.0E-03	2.1E-07	1.6E-01	4.2E-01	1.4E-08
183	1.18427	0.01	1.1E-08	1.3E-04	1.0E-03	1.6E-07	1.6E-01	4.2E-01	1.1E-08
184	0.93957	0.01	8.6E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.6E-09
185	2.6091	0.02	2.4E-08	1.3E-04	1.0E-03	3.6E-07	1.6E-01	4.2E-01	2.4E-08
186	4.97705	0.05	4.6E-08	1.3E-04	1.0E-03	6.8E-07	1.6E-01	4.2E-01	4.6E-08
187	11.48932	0.11	1.1E-07	1.3E-04	1.0E-03	1.6E-06	1.6E-01	4.2E-01	1.1E-07
188	32.56196	0.30	3.0E-07	1.3E-04	1.0E-03	4.5E-06	1.6E-01	4.2E-01	3.0E-07
189	17.65743	0.16	1.6E-07	1.3E-04	1.0E-03	2.4E-06	1.6E-01	4.2E-01	1.6E-07
190	9.75289	0.09	8.9E-08	1.3E-04	1.0E-03	1.3E-06	1.6E-01	4.2E-01	8.9E-08
191	5.91121	0.05	5.4E-08	1.3E-04	1.0E-03	8.1E-07	1.6E-01	4.2E-01	5.4E-08
192	3.89057	0.04	3.6E-08	1.3E-04	1.0E-03	5.3E-07	1.6E-01	4.2E-01	3.6E-08
193	2.71327	0.02	2.5E-08	1.3E-04	1.0E-03	3.7E-07	1.6E-01	4.2E-01	2.5E-08
194	1.98844	0.02	1.8E-08	1.3E-04	1.0E-03	2.7E-07	1.6E-01	4.2E-01	1.8E-08
195	1.5217	0.01	1.4E-08	1.3E-04	1.0E-03	2.1E-07	1.6E-01	4.2E-01	1.4E-08
196	1.19428	0.01	1.1E-08	1.3E-04	1.0E-03	1.6E-07	1.6E-01	4.2E-01	1.1E-08
197	0.95378	0.01	8.7E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.7E-09
198	1.40122	0.01	1.3E-08	1.3E-04	1.0E-03	1.9E-07	1.6E-01	4.2E-01	1.3E-08
199	2.10171	0.02	1.9E-08	1.3E-04	1.0E-03	2.9E-07	1.6E-01	4.2E-01	1.9E-08
200	3.37562	0.03	3.1E-08	1.3E-04	1.0E-03	4.6E-07	1.6E-01	4.2E-01	3.1E-08
201	5.51703	0.05	5.1E-08	1.3E-04	1.0E-03	7.6E-07	1.6E-01	4.2E-01	5.1E-08
202	8.86162	0.08	8.1E-08	1.3E-04	1.0E-03	1.2E-06	1.6E-01	4.2E-01	8.1E-08
203	10.49318	0.10	9.6E-08	1.3E-04	1.0E-03	1.4E-06	1.6E-01	4.2E-01	9.6E-08
204	9.15808	0.08	8.4E-08	1.3E-04	1.0E-03	1.3E-06	1.6E-01	4.2E-01	8.4E-08
205	6.73305	0.06	6.2E-08	1.3E-04	1.0E-03	9.2E-07	1.6E-01	4.2E-01	6.2E-08
206	4.80512	0.04	4.4E-08	1.3E-04	1.0E-03	6.6E-07	1.6E-01	4.2E-01	4.4E-08
207	3.45292	0.03	3.2E-08	1.3E-04	1.0E-03	4.7E-07	1.6E-01	4.2E-01	3.2E-08
208	2.54091	0.02	2.3E-08	1.3E-04	1.0E-03	3.5E-07	1.6E-01	4.2E-01	2.3E-08
209	1.92791	0.02	1.8E-08	1.3E-04	1.0E-03	2.6E-07	1.6E-01	4.2E-01	1.8E-08
210	1.51174	0.01	1.4E-08	1.3E-04	1.0E-03	2.1E-07	1.6E-01	4.2E-01	1.4E-08
211	1.19852	0.01	1.1E-08	1.3E-04	1.0E-03	1.6E-07	1.6E-01	4.2E-01	1.1E-08
212	0.96015	0.01	8.8E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.8E-09
213	1.159	0.01	1.1E-08	1.3E-04	1.0E-03	1.6E-07	1.6E-01	4.2E-01	1.1E-08
214	1.60885	0.01	1.5E-08	1.3E-04	1.0E-03	2.2E-07	1.6E-01	4.2E-01	1.5E-08

MUIR School Project

Risk From P2BC - Mitigated Residential

Max 0.30

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
215	2.21774	0.02	2.0E-08	1.3E-04	1.0E-03	3.0E-07	1.6E-01	4.2E-01	2.0E-08
216	3.11912	0.03	2.9E-08	1.3E-04	1.0E-03	4.3E-07	1.6E-01	4.2E-01	2.9E-08
217	4.16371	0.04	3.8E-08	1.3E-04	1.0E-03	5.7E-07	1.6E-01	4.2E-01	3.8E-08
218	4.84533	0.04	4.4E-08	1.3E-04	1.0E-03	6.7E-07	1.6E-01	4.2E-01	4.4E-08
219	4.7422	0.04	4.3E-08	1.3E-04	1.0E-03	6.5E-07	1.6E-01	4.2E-01	4.3E-08
220	4.1984	0.04	3.8E-08	1.3E-04	1.0E-03	5.8E-07	1.6E-01	4.2E-01	3.8E-08
221	3.46526	0.03	3.2E-08	1.3E-04	1.0E-03	4.8E-07	1.6E-01	4.2E-01	3.2E-08
222	2.76846	0.03	2.5E-08	1.3E-04	1.0E-03	3.8E-07	1.6E-01	4.2E-01	2.5E-08
223	2.19239	0.02	2.0E-08	1.3E-04	1.0E-03	3.0E-07	1.6E-01	4.2E-01	2.0E-08
224	1.74446	0.02	1.6E-08	1.3E-04	1.0E-03	2.4E-07	1.6E-01	4.2E-01	1.6E-08
225	1.42498	0.01	1.3E-08	1.3E-04	1.0E-03	2.0E-07	1.6E-01	4.2E-01	1.3E-08
226	1.14638	0.01	1.1E-08	1.3E-04	1.0E-03	1.6E-07	1.6E-01	4.2E-01	1.1E-08
227	0.94578	0.01	8.7E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.7E-09
228	1.20095	0.01	1.1E-08	1.3E-04	1.0E-03	1.6E-07	1.6E-01	4.2E-01	1.1E-08
229	1.55109	0.01	1.4E-08	1.3E-04	1.0E-03	2.1E-07	1.6E-01	4.2E-01	1.4E-08
230	1.97303	0.02	1.8E-08	1.3E-04	1.0E-03	2.7E-07	1.6E-01	4.2E-01	1.8E-08
231	2.43245	0.02	2.2E-08	1.3E-04	1.0E-03	3.3E-07	1.6E-01	4.2E-01	2.2E-08
232	2.74952	0.03	2.5E-08	1.3E-04	1.0E-03	3.8E-07	1.6E-01	4.2E-01	2.5E-08
233	2.80806	0.03	2.6E-08	1.3E-04	1.0E-03	3.9E-07	1.6E-01	4.2E-01	2.6E-08
234	2.66014	0.02	2.4E-08	1.3E-04	1.0E-03	3.7E-07	1.6E-01	4.2E-01	2.4E-08
235	2.38735	0.02	2.2E-08	1.3E-04	1.0E-03	3.3E-07	1.6E-01	4.2E-01	2.2E-08
236	2.08514	0.02	1.9E-08	1.3E-04	1.0E-03	2.9E-07	1.6E-01	4.2E-01	1.9E-08
237	1.7717	0.02	1.6E-08	1.3E-04	1.0E-03	2.4E-07	1.6E-01	4.2E-01	1.6E-08
238	1.49067	0.01	1.4E-08	1.3E-04	1.0E-03	2.0E-07	1.6E-01	4.2E-01	1.4E-08
239	1.26104	0.01	1.2E-08	1.3E-04	1.0E-03	1.7E-07	1.6E-01	4.2E-01	1.2E-08
240	1.06233	0.01	9.7E-09	1.3E-04	1.0E-03	1.5E-07	1.6E-01	4.2E-01	9.7E-09
241	0.89756	0.01	8.2E-09	1.3E-04	1.0E-03	1.2E-07	1.6E-01	4.2E-01	8.2E-09
242	0.61244	0.01	5.6E-09	1.3E-04	1.0E-03	8.4E-08	1.6E-01	4.2E-01	5.6E-09
243	0.75269	0.01	6.9E-09	1.3E-04	1.0E-03	1.0E-07	1.6E-01	4.2E-01	6.9E-09
244	0.92174	0.01	8.4E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.4E-09
245	1.12952	0.01	1.0E-08	1.3E-04	1.0E-03	1.6E-07	1.6E-01	4.2E-01	1.0E-08
246	1.36222	0.01	1.2E-08	1.3E-04	1.0E-03	1.9E-07	1.6E-01	4.2E-01	1.2E-08
247	1.598	0.01	1.5E-08	1.3E-04	1.0E-03	2.2E-07	1.6E-01	4.2E-01	1.5E-08
248	1.78037	0.02	1.6E-08	1.3E-04	1.0E-03	2.4E-07	1.6E-01	4.2E-01	1.6E-08
249	1.82847	0.02	1.7E-08	1.3E-04	1.0E-03	2.5E-07	1.6E-01	4.2E-01	1.7E-08
250	1.78569	0.02	1.6E-08	1.3E-04	1.0E-03	2.5E-07	1.6E-01	4.2E-01	1.6E-08
251	1.68372	0.02	1.5E-08	1.3E-04	1.0E-03	2.3E-07	1.6E-01	4.2E-01	1.5E-08
252	1.49191	0.01	1.4E-08	1.3E-04	1.0E-03	2.0E-07	1.6E-01	4.2E-01	1.4E-08
253	1.34585	0.01	1.2E-08	1.3E-04	1.0E-03	1.8E-07	1.6E-01	4.2E-01	1.2E-08
254	1.2008	0.01	1.1E-08	1.3E-04	1.0E-03	1.6E-07	1.6E-01	4.2E-01	1.1E-08
255	1.06346	0.01	9.7E-09	1.3E-04	1.0E-03	1.5E-07	1.6E-01	4.2E-01	9.7E-09
256	0.93402	0.01	8.6E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.6E-09
257	0.81513	0.01	7.5E-09	1.3E-04	1.0E-03	1.1E-07	1.6E-01	4.2E-01	7.5E-09

MUIR School Project

Risk From P2BC - Mitigated Residential

Max 0.30

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
258	0.51897	0.00	4.8E-09	1.3E-04	1.0E-03	7.1E-08	1.6E-01	4.2E-01	4.8E-09
259	0.61227	0.01	5.6E-09	1.3E-04	1.0E-03	8.4E-08	1.6E-01	4.2E-01	5.6E-09
260	0.8653	0.01	7.9E-09	1.3E-04	1.0E-03	1.2E-07	1.6E-01	4.2E-01	7.9E-09
261	0.99739	0.01	9.1E-09	1.3E-04	1.0E-03	1.4E-07	1.6E-01	4.2E-01	9.1E-09
262	1.14018	0.01	1.0E-08	1.3E-04	1.0E-03	1.6E-07	1.6E-01	4.2E-01	1.0E-08
263	1.23657	0.01	1.1E-08	1.3E-04	1.0E-03	1.7E-07	1.6E-01	4.2E-01	1.1E-08
264	1.28896	0.01	1.2E-08	1.3E-04	1.0E-03	1.8E-07	1.6E-01	4.2E-01	1.2E-08
265	1.26127	0.01	1.2E-08	1.3E-04	1.0E-03	1.7E-07	1.6E-01	4.2E-01	1.2E-08
266	1.22416	0.01	1.1E-08	1.3E-04	1.0E-03	1.7E-07	1.6E-01	4.2E-01	1.1E-08
267	1.15821	0.01	1.1E-08	1.3E-04	1.0E-03	1.6E-07	1.6E-01	4.2E-01	1.1E-08
268	1.02222	0.01	9.4E-09	1.3E-04	1.0E-03	1.4E-07	1.6E-01	4.2E-01	9.4E-09
269	0.94533	0.01	8.7E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.7E-09
270	0.86581	0.01	7.9E-09	1.3E-04	1.0E-03	1.2E-07	1.6E-01	4.2E-01	7.9E-09
271	0.79232	0.01	7.3E-09	1.3E-04	1.0E-03	1.1E-07	1.6E-01	4.2E-01	7.3E-09
272	0.71459	0.01	6.5E-09	1.3E-04	1.0E-03	9.8E-08	1.6E-01	4.2E-01	6.5E-09
273	0.76159	0.01	7.0E-09	1.3E-04	1.0E-03	1.0E-07	1.6E-01	4.2E-01	7.0E-09
274	0.85062	0.01	7.8E-09	1.3E-04	1.0E-03	1.2E-07	1.6E-01	4.2E-01	7.8E-09
275	0.91766	0.01	8.4E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.4E-09
276	0.95455	0.01	8.7E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.7E-09
277	0.94498	0.01	8.7E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.7E-09
278	0.9287	0.01	8.5E-09	1.3E-04	1.0E-03	1.3E-07	1.6E-01	4.2E-01	8.5E-09
279	0.89498	0.01	8.2E-09	1.3E-04	1.0E-03	1.2E-07	1.6E-01	4.2E-01	8.2E-09
280	0.77666	0.01	7.1E-09	1.3E-04	1.0E-03	1.1E-07	1.6E-01	4.2E-01	7.1E-09
281	0.74159	0.01	6.8E-09	1.3E-04	1.0E-03	1.0E-07	1.6E-01	4.2E-01	6.8E-09
282	0.69847	0.01	6.4E-09	1.3E-04	1.0E-03	9.6E-08	1.6E-01	4.2E-01	6.4E-09
283	0.63785	0.01	5.8E-09	1.3E-04	1.0E-03	8.8E-08	1.6E-01	4.2E-01	5.8E-09
284	0.603	0.01	5.5E-09	1.3E-04	1.0E-03	8.3E-08	1.6E-01	4.2E-01	5.5E-09

Risk From P2P - Mitigated Residential

MUIR School Project

Risk From P2P - Mitigated Residential

Max 0.07

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.16073	0.00	1.2E-10	3.4E-04	1.0E-03	5.6E-08	1.6E-01	1.4E-02	1.2E-10
44	0.1771	0.00	1.3E-10	3.4E-04	1.0E-03	6.2E-08	1.6E-01	1.4E-02	1.3E-10
45	0.19534	0.00	1.5E-10	3.4E-04	1.0E-03	6.9E-08	1.6E-01	1.4E-02	1.5E-10
46	0.21574	0.00	1.6E-10	3.4E-04	1.0E-03	7.6E-08	1.6E-01	1.4E-02	1.6E-10
47	0.23783	0.00	1.8E-10	3.4E-04	1.0E-03	8.4E-08	1.6E-01	1.4E-02	1.8E-10
48	0.26109	0.00	2.0E-10	3.4E-04	1.0E-03	9.2E-08	1.6E-01	1.4E-02	2.0E-10
49	0.28554	0.00	2.2E-10	3.4E-04	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.2E-10
50	0.30988	0.00	2.3E-10	3.4E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.3E-10
51	0.33407	0.00	2.5E-10	3.4E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.5E-10
52	0.3571	0.00	2.7E-10	3.4E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.7E-10
53	0.37867	0.00	2.9E-10	3.4E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.9E-10
54	0.39764	0.00	3.0E-10	3.4E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.0E-10
55	0.43639	0.00	3.3E-10	3.4E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.3E-10
56	0.44494	0.00	3.4E-10	3.4E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.4E-10
57	0.44582	0.00	3.4E-10	3.4E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.4E-10
58	0.44075	0.00	3.3E-10	3.4E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.3E-10
59	0.43015	0.00	3.3E-10	3.4E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.3E-10
60	0.41536	0.00	3.1E-10	3.4E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.1E-10
61	0.19314	0.00	1.5E-10	3.4E-04	1.0E-03	6.8E-08	1.6E-01	1.4E-02	1.5E-10
62	0.21624	0.00	1.6E-10	3.4E-04	1.0E-03	7.6E-08	1.6E-01	1.4E-02	1.6E-10
63	0.24169	0.00	1.8E-10	3.4E-04	1.0E-03	8.5E-08	1.6E-01	1.4E-02	1.8E-10
64	0.26994	0.00	2.0E-10	3.4E-04	1.0E-03	9.5E-08	1.6E-01	1.4E-02	2.0E-10
65	0.30129	0.00	2.3E-10	3.4E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.3E-10
66	0.33442	0.00	2.5E-10	3.4E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.5E-10
67	0.36836	0.00	2.8E-10	3.4E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
68	0.40264	0.00	3.0E-10	3.4E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.0E-10
69	0.43541	0.00	3.3E-10	3.4E-04	1.0E-03	1.5E-07	1.6E-01	1.4E-02	3.3E-10
70	0.46639	0.00	3.5E-10	3.4E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.5E-10
71	0.49357	0.00	3.7E-10	3.4E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.7E-10
72	0.55106	0.00	4.2E-10	3.4E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.2E-10
73	0.53895	0.00	4.1E-10	3.4E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.1E-10
74	0.51963	0.00	3.9E-10	3.4E-04	1.0E-03	1.8E-07	1.6E-01	1.4E-02	3.9E-10
75	0.49506	0.00	3.7E-10	3.4E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.7E-10
76	0.19294	0.00	1.5E-10	3.4E-04	1.0E-03	6.8E-08	1.6E-01	1.4E-02	1.5E-10
77	0.22562	0.00	1.7E-10	3.4E-04	1.0E-03	7.9E-08	1.6E-01	1.4E-02	1.7E-10
78	0.26286	0.00	2.0E-10	3.4E-04	1.0E-03	9.2E-08	1.6E-01	1.4E-02	2.0E-10
79	0.30788	0.00	2.3E-10	3.4E-04	1.0E-03	1.1E-07	1.6E-01	1.4E-02	2.3E-10
80	0.34941	0.00	2.6E-10	3.4E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.6E-10
81	0.39556	0.00	3.0E-10	3.4E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.0E-10
82	0.44437	0.00	3.4E-10	3.4E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.4E-10
83	0.49464	0.00	3.7E-10	3.4E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.7E-10
84	0.54366	0.00	4.1E-10	3.4E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.1E-10
85	0.58966	0.00	4.5E-10	3.4E-04	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.5E-10

MUIR School Project

Risk From P2P - Mitigated Residential

Max 0.07

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
86	0.63046	0.00	4.8E-10	3.4E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.8E-10
87	0.69381	0.00	5.2E-10	3.4E-04	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.2E-10
88	0.66883	0.00	5.1E-10	3.4E-04	1.0E-03	2.3E-07	1.6E-01	1.4E-02	5.1E-10
89	0.63392	0.00	4.8E-10	3.4E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.8E-10
90	0.59423	0.00	4.5E-10	3.4E-04	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.5E-10
91	0.55128	0.00	4.2E-10	3.4E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.2E-10
92	0.2252	0.00	1.7E-10	3.4E-04	1.0E-03	7.9E-08	1.6E-01	1.4E-02	1.7E-10
93	0.26019	0.00	2.0E-10	3.4E-04	1.0E-03	9.1E-08	1.6E-01	1.4E-02	2.0E-10
94	0.29825	0.00	2.3E-10	3.4E-04	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.3E-10
95	0.35142	0.00	2.7E-10	3.4E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.7E-10
96	0.4076	0.00	3.1E-10	3.4E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.1E-10
97	0.47204	0.00	3.6E-10	3.4E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.6E-10
98	0.54477	0.00	4.1E-10	3.4E-04	1.0E-03	1.9E-07	1.6E-01	1.4E-02	4.1E-10
99	0.62171	0.00	4.7E-10	3.4E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.7E-10
100	0.69881	0.00	5.3E-10	3.4E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.3E-10
101	0.77037	0.00	5.8E-10	3.4E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.8E-10
102	0.83562	0.00	6.3E-10	3.4E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.3E-10
103	0.93917	0.00	7.1E-10	3.4E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.1E-10
104	0.89219	0.00	6.7E-10	3.4E-04	1.0E-03	3.1E-07	1.6E-01	1.4E-02	6.7E-10
105	0.84093	0.00	6.4E-10	3.4E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.4E-10
106	0.77957	0.00	5.9E-10	3.4E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.9E-10
107	0.71478	0.00	5.4E-10	3.4E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.4E-10
108	0.64829	0.00	4.9E-10	3.4E-04	1.0E-03	2.3E-07	1.6E-01	1.4E-02	4.9E-10
109	0.28497	0.00	2.2E-10	3.4E-04	1.0E-03	1.0E-07	1.6E-01	1.4E-02	2.2E-10
110	0.33492	0.00	2.5E-10	3.4E-04	1.0E-03	1.2E-07	1.6E-01	1.4E-02	2.5E-10
111	0.40094	0.00	3.0E-10	3.4E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.0E-10
112	0.47685	0.00	3.6E-10	3.4E-04	1.0E-03	1.7E-07	1.6E-01	1.4E-02	3.6E-10
113	0.56723	0.00	4.3E-10	3.4E-04	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.3E-10
114	0.67887	0.00	5.1E-10	3.4E-04	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.1E-10
115	0.80095	0.00	6.1E-10	3.4E-04	1.0E-03	2.8E-07	1.6E-01	1.4E-02	6.1E-10
116	0.92981	0.00	7.0E-10	3.4E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.0E-10
117	1.0524	0.00	8.0E-10	3.4E-04	1.0E-03	3.7E-07	1.6E-01	1.4E-02	8.0E-10
118	1.16415	0.00	8.8E-10	3.4E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.8E-10
119	1.29652	0.00	9.8E-10	3.4E-04	1.0E-03	4.6E-07	1.6E-01	1.4E-02	9.8E-10
120	1.24899	0.00	9.4E-10	3.4E-04	1.0E-03	4.4E-07	1.6E-01	1.4E-02	9.4E-10
121	1.16632	0.00	8.8E-10	3.4E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.8E-10
122	1.06757	0.00	8.1E-10	3.4E-04	1.0E-03	3.7E-07	1.6E-01	1.4E-02	8.1E-10
123	0.96042	0.00	7.3E-10	3.4E-04	1.0E-03	3.4E-07	1.6E-01	1.4E-02	7.3E-10
124	0.85482	0.00	6.5E-10	3.4E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.5E-10
125	0.75481	0.00	5.7E-10	3.4E-04	1.0E-03	2.7E-07	1.6E-01	1.4E-02	5.7E-10
126	0.37321	0.00	2.8E-10	3.4E-04	1.0E-03	1.3E-07	1.6E-01	1.4E-02	2.8E-10
127	0.45452	0.00	3.4E-10	3.4E-04	1.0E-03	1.6E-07	1.6E-01	1.4E-02	3.4E-10
128	0.55704	0.00	4.2E-10	3.4E-04	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.2E-10

MUIR School Project

Risk From P2P - Mitigated Residential

Max 0.07

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	0.68239	0.00	5.2E-10	3.4E-04	1.0E-03	2.4E-07	1.6E-01	1.4E-02	5.2E-10
130	0.8483	0.00	6.4E-10	3.4E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.4E-10
131	1.06583	0.00	8.1E-10	3.4E-04	1.0E-03	3.7E-07	1.6E-01	1.4E-02	8.1E-10
132	1.29619	0.00	9.8E-10	3.4E-04	1.0E-03	4.6E-07	1.6E-01	1.4E-02	9.8E-10
133	1.86548	0.00	1.4E-09	3.4E-04	1.0E-03	6.6E-07	1.6E-01	1.4E-02	1.4E-09
134	1.7397	0.00	1.3E-09	3.4E-04	1.0E-03	6.1E-07	1.6E-01	1.4E-02	1.3E-09
135	1.55375	0.00	1.2E-09	3.4E-04	1.0E-03	5.5E-07	1.6E-01	1.4E-02	1.2E-09
136	1.35738	0.00	1.0E-09	3.4E-04	1.0E-03	4.8E-07	1.6E-01	1.4E-02	1.0E-09
137	1.17518	0.00	8.9E-10	3.4E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.9E-10
138	1.00694	0.00	7.6E-10	3.4E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.6E-10
139	0.86208	0.00	6.5E-10	3.4E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.5E-10
140	0.41101	0.00	3.1E-10	3.4E-04	1.0E-03	1.4E-07	1.6E-01	1.4E-02	3.1E-10
141	0.51134	0.00	3.9E-10	3.4E-04	1.0E-03	1.8E-07	1.6E-01	1.4E-02	3.9E-10
142	0.64514	0.00	4.9E-10	3.4E-04	1.0E-03	2.3E-07	1.6E-01	1.4E-02	4.9E-10
143	0.83021	0.00	6.3E-10	3.4E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.3E-10
144	1.09322	0.00	8.3E-10	3.4E-04	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.3E-10
145	2.85894	0.00	2.2E-09	3.4E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
146	2.44332	0.00	1.8E-09	3.4E-04	1.0E-03	8.6E-07	1.6E-01	1.4E-02	1.8E-09
147	2.05966	0.00	1.6E-09	3.4E-04	1.0E-03	7.2E-07	1.6E-01	1.4E-02	1.6E-09
148	1.69979	0.00	1.3E-09	3.4E-04	1.0E-03	6.0E-07	1.6E-01	1.4E-02	1.3E-09
149	1.3972	0.00	1.1E-09	3.4E-04	1.0E-03	4.9E-07	1.6E-01	1.4E-02	1.1E-09
150	1.15198	0.00	8.7E-10	3.4E-04	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.7E-10
151	1.02948	0.00	7.8E-10	3.4E-04	1.0E-03	3.6E-07	1.6E-01	1.4E-02	7.8E-10
152	0.73532	0.00	5.6E-10	3.4E-04	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.6E-10
153	0.99049	0.00	7.5E-10	3.4E-04	1.0E-03	3.5E-07	1.6E-01	1.4E-02	7.5E-10
154	1.36192	0.00	1.0E-09	3.4E-04	1.0E-03	4.8E-07	1.6E-01	1.4E-02	1.0E-09
155	3.48749	0.00	2.6E-09	3.4E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
156	2.65263	0.00	2.0E-09	3.4E-04	1.0E-03	9.3E-07	1.6E-01	1.4E-02	2.0E-09
157	2.04133	0.00	1.5E-09	3.4E-04	1.0E-03	7.2E-07	1.6E-01	1.4E-02	1.5E-09
158	1.59132	0.00	1.2E-09	3.4E-04	1.0E-03	5.6E-07	1.6E-01	1.4E-02	1.2E-09
159	1.26463	0.00	9.6E-10	3.4E-04	1.0E-03	4.4E-07	1.6E-01	1.4E-02	9.6E-10
160	1.07182	0.00	8.1E-10	3.4E-04	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.1E-10
161	0.61018	0.00	4.6E-10	3.4E-04	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.6E-10
162	0.80931	0.00	6.1E-10	3.4E-04	1.0E-03	2.8E-07	1.6E-01	1.4E-02	6.1E-10
163	1.1381	0.00	8.6E-10	3.4E-04	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.6E-10
164	1.68111	0.00	1.3E-09	3.4E-04	1.0E-03	5.9E-07	1.6E-01	1.4E-02	1.3E-09
165	2.72542	0.00	2.1E-09	3.4E-04	1.0E-03	9.6E-07	1.6E-01	1.4E-02	2.1E-09
166	4.59662	0.00	3.5E-09	3.4E-04	1.0E-03	1.6E-06	1.6E-01	1.4E-02	3.5E-09
167	3.17882	0.00	2.4E-09	3.4E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
168	2.29573	0.00	1.7E-09	3.4E-04	1.0E-03	8.1E-07	1.6E-01	1.4E-02	1.7E-09
169	1.72501	0.00	1.3E-09	3.4E-04	1.0E-03	6.1E-07	1.6E-01	1.4E-02	1.3E-09
170	1.34945	0.00	1.0E-09	3.4E-04	1.0E-03	4.7E-07	1.6E-01	1.4E-02	1.0E-09
171	1.09349	0.00	8.3E-10	3.4E-04	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.3E-10

MUIR School Project

Risk From P2P - Mitigated Residential

	Max	0.07							
							Birth to 2		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
172	0.63487	0.00	4.8E-10	3.4E-04	1.0E-03	2.2E-07	1.6E-01	1.4E-02	4.8E-10
173	0.86087	0.00	6.5E-10	3.4E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.5E-10
174	1.23326	0.00	9.3E-10	3.4E-04	1.0E-03	4.3E-07	1.6E-01	1.4E-02	9.3E-10
175	1.92411	0.00	1.5E-09	3.4E-04	1.0E-03	6.8E-07	1.6E-01	1.4E-02	1.5E-09
176	3.35081	0.00	2.5E-09	3.4E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.5E-09
177	18.96354	0.01	1.4E-08	3.4E-04	1.0E-03	6.7E-06	1.6E-01	1.4E-02	1.4E-08
178	9.23258	0.01	7.0E-09	3.4E-04	1.0E-03	3.2E-06	1.6E-01	1.4E-02	7.0E-09
179	5.3674	0.00	4.1E-09	3.4E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.1E-09
180	3.49257	0.00	2.6E-09	3.4E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
181	2.4376	0.00	1.8E-09	3.4E-04	1.0E-03	8.6E-07	1.6E-01	1.4E-02	1.8E-09
182	1.79328	0.00	1.4E-09	3.4E-04	1.0E-03	6.3E-07	1.6E-01	1.4E-02	1.4E-09
183	1.39138	0.00	1.1E-09	3.4E-04	1.0E-03	4.9E-07	1.6E-01	1.4E-02	1.1E-09
184	1.09183	0.00	8.3E-10	3.4E-04	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.3E-10
185	1.95077	0.00	1.5E-09	3.4E-04	1.0E-03	6.9E-07	1.6E-01	1.4E-02	1.5E-09
186	3.52171	0.00	2.7E-09	3.4E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.7E-09
187	8.0491	0.01	6.1E-09	3.4E-04	1.0E-03	2.8E-06	1.6E-01	1.4E-02	6.1E-09
188	97.63488	0.07	7.4E-08	3.4E-04	1.0E-03	3.4E-05	1.6E-01	1.4E-02	7.4E-08
189	46.93857	0.04	3.5E-08	3.4E-04	1.0E-03	1.6E-05	1.6E-01	1.4E-02	3.5E-08
190	18.92033	0.01	1.4E-08	3.4E-04	1.0E-03	6.6E-06	1.6E-01	1.4E-02	1.4E-08
191	9.41573	0.01	7.1E-09	3.4E-04	1.0E-03	3.3E-06	1.6E-01	1.4E-02	7.1E-09
192	5.51754	0.00	4.2E-09	3.4E-04	1.0E-03	1.9E-06	1.6E-01	1.4E-02	4.2E-09
193	3.57439	0.00	2.7E-09	3.4E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.7E-09
194	2.49508	0.00	1.9E-09	3.4E-04	1.0E-03	8.8E-07	1.6E-01	1.4E-02	1.9E-09
195	1.83755	0.00	1.4E-09	3.4E-04	1.0E-03	6.5E-07	1.6E-01	1.4E-02	1.4E-09
196	1.40968	0.00	1.1E-09	3.4E-04	1.0E-03	5.0E-07	1.6E-01	1.4E-02	1.1E-09
197	1.10329	0.00	8.3E-10	3.4E-04	1.0E-03	3.9E-07	1.6E-01	1.4E-02	8.3E-10
198	1.17316	0.00	8.9E-10	3.4E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.9E-10
199	1.75626	0.00	1.3E-09	3.4E-04	1.0E-03	6.2E-07	1.6E-01	1.4E-02	1.3E-09
200	2.89447	0.00	2.2E-09	3.4E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
201	5.22592	0.00	4.0E-09	3.4E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	4.0E-09
202	10.68414	0.01	8.1E-09	3.4E-04	1.0E-03	3.8E-06	1.6E-01	1.4E-02	8.1E-09
203	17.46104	0.01	1.3E-08	3.4E-04	1.0E-03	6.1E-06	1.6E-01	1.4E-02	1.3E-08
204	17.05286	0.01	1.3E-08	3.4E-04	1.0E-03	6.0E-06	1.6E-01	1.4E-02	1.3E-08
205	11.7267	0.01	8.9E-09	3.4E-04	1.0E-03	4.1E-06	1.6E-01	1.4E-02	8.9E-09
206	7.55182	0.01	5.7E-09	3.4E-04	1.0E-03	2.7E-06	1.6E-01	1.4E-02	5.7E-09
207	4.95795	0.00	3.7E-09	3.4E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.7E-09
208	3.40638	0.00	2.6E-09	3.4E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
209	2.45244	0.00	1.9E-09	3.4E-04	1.0E-03	8.6E-07	1.6E-01	1.4E-02	1.9E-09
210	1.84078	0.00	1.4E-09	3.4E-04	1.0E-03	6.5E-07	1.6E-01	1.4E-02	1.4E-09
211	1.4237	0.00	1.1E-09	3.4E-04	1.0E-03	5.0E-07	1.6E-01	1.4E-02	1.1E-09
212	1.1132	0.00	8.4E-10	3.4E-04	1.0E-03	3.9E-07	1.6E-01	1.4E-02	8.4E-10
213	1.03269	0.00	7.8E-10	3.4E-04	1.0E-03	3.6E-07	1.6E-01	1.4E-02	7.8E-10
214	1.46247	0.00	1.1E-09	3.4E-04	1.0E-03	5.1E-07	1.6E-01	1.4E-02	1.1E-09

MUIR School Project

Risk From P2P - Mitigated Residential

Max 0.07

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
215	2.11386	0.00	1.6E-09	3.4E-04	1.0E-03	7.4E-07	1.6E-01	1.4E-02	1.6E-09
216	3.21506	0.00	2.4E-09	3.4E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.4E-09
217	4.82621	0.00	3.6E-09	3.4E-04	1.0E-03	1.7E-06	1.6E-01	1.4E-02	3.6E-09
218	6.58172	0.00	5.0E-09	3.4E-04	1.0E-03	2.3E-06	1.6E-01	1.4E-02	5.0E-09
219	7.09435	0.01	5.4E-09	3.4E-04	1.0E-03	2.5E-06	1.6E-01	1.4E-02	5.4E-09
220	6.38238	0.00	4.8E-09	3.4E-04	1.0E-03	2.2E-06	1.6E-01	1.4E-02	4.8E-09
221	5.10487	0.00	3.9E-09	3.4E-04	1.0E-03	1.8E-06	1.6E-01	1.4E-02	3.9E-09
222	3.88911	0.00	2.9E-09	3.4E-04	1.0E-03	1.4E-06	1.6E-01	1.4E-02	2.9E-09
223	2.93626	0.00	2.2E-09	3.4E-04	1.0E-03	1.0E-06	1.6E-01	1.4E-02	2.2E-09
224	2.23972	0.00	1.7E-09	3.4E-04	1.0E-03	7.9E-07	1.6E-01	1.4E-02	1.7E-09
225	1.7526	0.00	1.3E-09	3.4E-04	1.0E-03	6.2E-07	1.6E-01	1.4E-02	1.3E-09
226	1.37278	0.00	1.0E-09	3.4E-04	1.0E-03	4.8E-07	1.6E-01	1.4E-02	1.0E-09
227	1.10645	0.00	8.4E-10	3.4E-04	1.0E-03	3.9E-07	1.6E-01	1.4E-02	8.4E-10
228	1.15505	0.00	8.7E-10	3.4E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.7E-10
229	1.5525	0.00	1.2E-09	3.4E-04	1.0E-03	5.5E-07	1.6E-01	1.4E-02	1.2E-09
230	2.0773	0.00	1.6E-09	3.4E-04	1.0E-03	7.3E-07	1.6E-01	1.4E-02	1.6E-09
231	2.74444	0.00	2.1E-09	3.4E-04	1.0E-03	9.6E-07	1.6E-01	1.4E-02	2.1E-09
232	3.4035	0.00	2.6E-09	3.4E-04	1.0E-03	1.2E-06	1.6E-01	1.4E-02	2.6E-09
233	3.74049	0.00	2.8E-09	3.4E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
234	3.64801	0.00	2.8E-09	3.4E-04	1.0E-03	1.3E-06	1.6E-01	1.4E-02	2.8E-09
235	3.26765	0.00	2.5E-09	3.4E-04	1.0E-03	1.1E-06	1.6E-01	1.4E-02	2.5E-09
236	2.80571	0.00	2.1E-09	3.4E-04	1.0E-03	9.9E-07	1.6E-01	1.4E-02	2.1E-09
237	2.32335	0.00	1.8E-09	3.4E-04	1.0E-03	8.2E-07	1.6E-01	1.4E-02	1.8E-09
238	1.89788	0.00	1.4E-09	3.4E-04	1.0E-03	6.7E-07	1.6E-01	1.4E-02	1.4E-09
239	1.56169	0.00	1.2E-09	3.4E-04	1.0E-03	5.5E-07	1.6E-01	1.4E-02	1.2E-09
240	1.28238	0.00	9.7E-10	3.4E-04	1.0E-03	4.5E-07	1.6E-01	1.4E-02	9.7E-10
241	1.05937	0.00	8.0E-10	3.4E-04	1.0E-03	3.7E-07	1.6E-01	1.4E-02	8.0E-10
242	0.58332	0.00	4.4E-10	3.4E-04	1.0E-03	2.0E-07	1.6E-01	1.4E-02	4.4E-10
243	0.72883	0.00	5.5E-10	3.4E-04	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.5E-10
244	0.91402	0.00	6.9E-10	3.4E-04	1.0E-03	3.2E-07	1.6E-01	1.4E-02	6.9E-10
245	1.15456	0.00	8.7E-10	3.4E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.7E-10
246	1.44086	0.00	1.1E-09	3.4E-04	1.0E-03	5.1E-07	1.6E-01	1.4E-02	1.1E-09
247	1.76823	0.00	1.3E-09	3.4E-04	1.0E-03	6.2E-07	1.6E-01	1.4E-02	1.3E-09
248	2.09668	0.00	1.6E-09	3.4E-04	1.0E-03	7.4E-07	1.6E-01	1.4E-02	1.6E-09
249	2.27204	0.00	1.7E-09	3.4E-04	1.0E-03	8.0E-07	1.6E-01	1.4E-02	1.7E-09
250	2.28485	0.00	1.7E-09	3.4E-04	1.0E-03	8.0E-07	1.6E-01	1.4E-02	1.7E-09
251	2.17286	0.00	1.6E-09	3.4E-04	1.0E-03	7.6E-07	1.6E-01	1.4E-02	1.6E-09
252	1.94449	0.00	1.5E-09	3.4E-04	1.0E-03	6.8E-07	1.6E-01	1.4E-02	1.5E-09
253	1.72061	0.00	1.3E-09	3.4E-04	1.0E-03	6.0E-07	1.6E-01	1.4E-02	1.3E-09
254	1.50197	0.00	1.1E-09	3.4E-04	1.0E-03	5.3E-07	1.6E-01	1.4E-02	1.1E-09
255	1.30662	0.00	9.9E-10	3.4E-04	1.0E-03	4.6E-07	1.6E-01	1.4E-02	9.9E-10
256	1.1264	0.00	8.5E-10	3.4E-04	1.0E-03	4.0E-07	1.6E-01	1.4E-02	8.5E-10
257	0.96524	0.00	7.3E-10	3.4E-04	1.0E-03	3.4E-07	1.6E-01	1.4E-02	7.3E-10

MUIR School Project

Risk From P2P - Mitigated Residential

Max 0.07

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
258	0.50386	0.00	3.8E-10	3.4E-04	1.0E-03	1.8E-07	1.6E-01	1.4E-02	3.8E-10
259	0.6053	0.00	4.6E-10	3.4E-04	1.0E-03	2.1E-07	1.6E-01	1.4E-02	4.6E-10
260	0.89065	0.00	6.7E-10	3.4E-04	1.0E-03	3.1E-07	1.6E-01	1.4E-02	6.7E-10
261	1.05418	0.00	8.0E-10	3.4E-04	1.0E-03	3.7E-07	1.6E-01	1.4E-02	8.0E-10
262	1.24583	0.00	9.4E-10	3.4E-04	1.0E-03	4.4E-07	1.6E-01	1.4E-02	9.4E-10
263	1.40841	0.00	1.1E-09	3.4E-04	1.0E-03	4.9E-07	1.6E-01	1.4E-02	1.1E-09
264	1.53258	0.00	1.2E-09	3.4E-04	1.0E-03	5.4E-07	1.6E-01	1.4E-02	1.2E-09
265	1.55029	0.00	1.2E-09	3.4E-04	1.0E-03	5.4E-07	1.6E-01	1.4E-02	1.2E-09
266	1.51126	0.00	1.1E-09	3.4E-04	1.0E-03	5.3E-07	1.6E-01	1.4E-02	1.1E-09
267	1.43296	0.00	1.1E-09	3.4E-04	1.0E-03	5.0E-07	1.6E-01	1.4E-02	1.1E-09
268	1.26538	0.00	9.6E-10	3.4E-04	1.0E-03	4.4E-07	1.6E-01	1.4E-02	9.6E-10
269	1.15572	0.00	8.7E-10	3.4E-04	1.0E-03	4.1E-07	1.6E-01	1.4E-02	8.7E-10
270	1.0477	0.00	7.9E-10	3.4E-04	1.0E-03	3.7E-07	1.6E-01	1.4E-02	7.9E-10
271	0.94756	0.00	7.2E-10	3.4E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.2E-10
272	0.84353	0.00	6.4E-10	3.4E-04	1.0E-03	3.0E-07	1.6E-01	1.4E-02	6.4E-10
273	0.80279	0.00	6.1E-10	3.4E-04	1.0E-03	2.8E-07	1.6E-01	1.4E-02	6.1E-10
274	0.91894	0.00	6.9E-10	3.4E-04	1.0E-03	3.2E-07	1.6E-01	1.4E-02	6.9E-10
275	1.02337	0.00	7.7E-10	3.4E-04	1.0E-03	3.6E-07	1.6E-01	1.4E-02	7.7E-10
276	1.10058	0.00	8.3E-10	3.4E-04	1.0E-03	3.9E-07	1.6E-01	1.4E-02	8.3E-10
277	1.1235	0.00	8.5E-10	3.4E-04	1.0E-03	3.9E-07	1.6E-01	1.4E-02	8.5E-10
278	1.10993	0.00	8.4E-10	3.4E-04	1.0E-03	3.9E-07	1.6E-01	1.4E-02	8.4E-10
279	1.07464	0.00	8.1E-10	3.4E-04	1.0E-03	3.8E-07	1.6E-01	1.4E-02	8.1E-10
280	0.93178	0.00	7.0E-10	3.4E-04	1.0E-03	3.3E-07	1.6E-01	1.4E-02	7.0E-10
281	0.88658	0.00	6.7E-10	3.4E-04	1.0E-03	3.1E-07	1.6E-01	1.4E-02	6.7E-10
282	0.83046	0.00	6.3E-10	3.4E-04	1.0E-03	2.9E-07	1.6E-01	1.4E-02	6.3E-10
283	0.75223	0.00	5.7E-10	3.4E-04	1.0E-03	2.6E-07	1.6E-01	1.4E-02	5.7E-10
284	0.70577	0.00	5.3E-10	3.4E-04	1.0E-03	2.5E-07	1.6E-01	1.4E-02	5.3E-10

Risk From P3 - Mitigated Residential

MUIR School Project

Risk From P3 - Mitigated Residential

Max 0.30

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
43	0.28325	0.00	2.7E-09	3.9E-04	1.0E-03	1.2E-07	1.6E-01	1.2E-01	2.2E-09
44	0.32521	0.00	3.1E-09	3.9E-04	1.0E-03	1.3E-07	1.6E-01	1.2E-01	2.5E-09
45	0.37425	0.00	3.6E-09	3.9E-04	1.0E-03	1.5E-07	1.6E-01	1.2E-01	2.9E-09
46	0.43127	0.00	4.1E-09	3.9E-04	1.0E-03	1.8E-07	1.6E-01	1.2E-01	3.4E-09
47	0.49445	0.00	4.7E-09	3.9E-04	1.0E-03	2.0E-07	1.6E-01	1.2E-01	3.9E-09
48	0.56092	0.01	5.4E-09	3.9E-04	1.0E-03	2.3E-07	1.6E-01	1.2E-01	4.4E-09
49	0.62793	0.01	6.0E-09	3.9E-04	1.0E-03	2.6E-07	1.6E-01	1.2E-01	4.9E-09
50	0.68995	0.01	6.6E-09	3.9E-04	1.0E-03	2.8E-07	1.6E-01	1.2E-01	5.4E-09
51	0.74626	0.01	7.2E-09	3.9E-04	1.0E-03	3.1E-07	1.6E-01	1.2E-01	5.8E-09
52	0.79422	0.01	7.6E-09	3.9E-04	1.0E-03	3.3E-07	1.6E-01	1.2E-01	6.2E-09
53	0.83041	0.01	8.0E-09	3.9E-04	1.0E-03	3.4E-07	1.6E-01	1.2E-01	6.5E-09
54	0.84748	0.01	8.1E-09	3.9E-04	1.0E-03	3.5E-07	1.6E-01	1.2E-01	6.6E-09
55	0.77563	0.01	7.4E-09	3.9E-04	1.0E-03	3.2E-07	1.6E-01	1.2E-01	6.0E-09
56	0.72934	0.01	7.0E-09	3.9E-04	1.0E-03	3.0E-07	1.6E-01	1.2E-01	5.7E-09
57	0.67474	0.01	6.5E-09	3.9E-04	1.0E-03	2.8E-07	1.6E-01	1.2E-01	5.3E-09
58	0.61839	0.01	5.9E-09	3.9E-04	1.0E-03	2.5E-07	1.6E-01	1.2E-01	4.8E-09
59	0.56299	0.01	5.4E-09	3.9E-04	1.0E-03	2.3E-07	1.6E-01	1.2E-01	4.4E-09
60	0.51052	0.00	4.9E-09	3.9E-04	1.0E-03	2.1E-07	1.6E-01	1.2E-01	4.0E-09
61	0.36791	0.00	3.5E-09	3.9E-04	1.0E-03	1.5E-07	1.6E-01	1.2E-01	2.9E-09
62	0.43556	0.00	4.2E-09	3.9E-04	1.0E-03	1.8E-07	1.6E-01	1.2E-01	3.4E-09
63	0.51543	0.00	4.9E-09	3.9E-04	1.0E-03	2.1E-07	1.6E-01	1.2E-01	4.0E-09
64	0.60884	0.01	5.8E-09	3.9E-04	1.0E-03	2.5E-07	1.6E-01	1.2E-01	4.7E-09
65	0.71254	0.01	6.8E-09	3.9E-04	1.0E-03	2.9E-07	1.6E-01	1.2E-01	5.6E-09
66	0.82228	0.01	7.9E-09	3.9E-04	1.0E-03	3.4E-07	1.6E-01	1.2E-01	6.4E-09
67	0.92886	0.01	8.9E-09	3.9E-04	1.0E-03	3.8E-07	1.6E-01	1.2E-01	7.2E-09
68	1.02275	0.01	9.8E-09	3.9E-04	1.0E-03	4.2E-07	1.6E-01	1.2E-01	8.0E-09
69	1.09877	0.01	1.1E-08	3.9E-04	1.0E-03	4.5E-07	1.6E-01	1.2E-01	8.6E-09
70	1.1484	0.01	1.1E-08	3.9E-04	1.0E-03	4.7E-07	1.6E-01	1.2E-01	9.0E-09
71	1.15918	0.01	1.1E-08	3.9E-04	1.0E-03	4.8E-07	1.6E-01	1.2E-01	9.0E-09
72	0.81143	0.01	7.8E-09	3.9E-04	1.0E-03	3.3E-07	1.6E-01	1.2E-01	6.3E-09
73	0.72531	0.01	7.0E-09	3.9E-04	1.0E-03	3.0E-07	1.6E-01	1.2E-01	5.7E-09
74	0.64612	0.01	6.2E-09	3.9E-04	1.0E-03	2.7E-07	1.6E-01	1.2E-01	5.0E-09
75	0.57453	0.01	5.5E-09	3.9E-04	1.0E-03	2.4E-07	1.6E-01	1.2E-01	4.5E-09
76	0.36947	0.00	3.5E-09	3.9E-04	1.0E-03	1.5E-07	1.6E-01	1.2E-01	2.9E-09
77	0.46539	0.00	4.5E-09	3.9E-04	1.0E-03	1.9E-07	1.6E-01	1.2E-01	3.6E-09
78	0.59016	0.01	5.7E-09	3.9E-04	1.0E-03	2.4E-07	1.6E-01	1.2E-01	4.6E-09
79	0.7616	0.01	7.3E-09	3.9E-04	1.0E-03	3.1E-07	1.6E-01	1.2E-01	5.9E-09
80	0.93437	0.01	9.0E-09	3.9E-04	1.0E-03	3.8E-07	1.6E-01	1.2E-01	7.3E-09
81	1.12513	0.01	1.1E-08	3.9E-04	1.0E-03	4.6E-07	1.6E-01	1.2E-01	8.8E-09
82	1.32283	0.01	1.3E-08	3.9E-04	1.0E-03	5.4E-07	1.6E-01	1.2E-01	1.0E-08
83	1.49514	0.01	1.4E-08	3.9E-04	1.0E-03	6.2E-07	1.6E-01	1.2E-01	1.2E-08
84	1.62443	0.02	1.6E-08	3.9E-04	1.0E-03	6.7E-07	1.6E-01	1.2E-01	1.3E-08
85	1.68344	0.02	1.6E-08	3.9E-04	1.0E-03	6.9E-07	1.6E-01	1.2E-01	1.3E-08

MUIR School Project

Risk From P3 - Mitigated Residential

Max 0.30

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
86	1.65896	0.02	1.6E-08	3.9E-04	1.0E-03	6.8E-07	1.6E-01	1.2E-01	1.3E-08
87	0.96567	0.01	9.3E-09	3.9E-04	1.0E-03	4.0E-07	1.6E-01	1.2E-01	7.5E-09
88	0.83896	0.01	8.0E-09	3.9E-04	1.0E-03	3.5E-07	1.6E-01	1.2E-01	6.5E-09
89	0.7294	0.01	7.0E-09	3.9E-04	1.0E-03	3.0E-07	1.6E-01	1.2E-01	5.7E-09
90	0.63499	0.01	6.1E-09	3.9E-04	1.0E-03	2.6E-07	1.6E-01	1.2E-01	5.0E-09
91	0.55408	0.01	5.3E-09	3.9E-04	1.0E-03	2.3E-07	1.6E-01	1.2E-01	4.3E-09
92	0.45357	0.00	4.3E-09	3.9E-04	1.0E-03	1.9E-07	1.6E-01	1.2E-01	3.5E-09
93	0.57163	0.01	5.5E-09	3.9E-04	1.0E-03	2.4E-07	1.6E-01	1.2E-01	4.5E-09
94	0.71982	0.01	6.9E-09	3.9E-04	1.0E-03	3.0E-07	1.6E-01	1.2E-01	5.6E-09
95	0.95949	0.01	9.2E-09	3.9E-04	1.0E-03	3.9E-07	1.6E-01	1.2E-01	7.5E-09
96	1.25572	0.01	1.2E-08	3.9E-04	1.0E-03	5.2E-07	1.6E-01	1.2E-01	9.8E-09
97	1.61557	0.02	1.5E-08	3.9E-04	1.0E-03	6.6E-07	1.6E-01	1.2E-01	1.3E-08
98	2.04296	0.02	2.0E-08	3.9E-04	1.0E-03	8.4E-07	1.6E-01	1.2E-01	1.6E-08
99	2.40875	0.02	2.3E-08	3.9E-04	1.0E-03	9.9E-07	1.6E-01	1.2E-01	1.9E-08
100	2.63892	0.03	2.5E-08	3.9E-04	1.0E-03	1.1E-06	1.6E-01	1.2E-01	2.1E-08
101	2.66009	0.03	2.6E-08	3.9E-04	1.0E-03	1.1E-06	1.6E-01	1.2E-01	2.1E-08
102	2.49734	0.02	2.4E-08	3.9E-04	1.0E-03	1.0E-06	1.6E-01	1.2E-01	1.9E-08
103	1.60125	0.02	1.5E-08	3.9E-04	1.0E-03	6.6E-07	1.6E-01	1.2E-01	1.2E-08
104	1.12575	0.01	1.1E-08	3.9E-04	1.0E-03	4.6E-07	1.6E-01	1.2E-01	8.8E-09
105	0.94854	0.01	9.1E-09	3.9E-04	1.0E-03	3.9E-07	1.6E-01	1.2E-01	7.4E-09
106	0.80451	0.01	7.7E-09	3.9E-04	1.0E-03	3.3E-07	1.6E-01	1.2E-01	6.3E-09
107	0.68522	0.01	6.6E-09	3.9E-04	1.0E-03	2.8E-07	1.6E-01	1.2E-01	5.3E-09
108	0.58865	0.01	5.6E-09	3.9E-04	1.0E-03	2.4E-07	1.6E-01	1.2E-01	4.6E-09
109	0.64629	0.01	6.2E-09	3.9E-04	1.0E-03	2.7E-07	1.6E-01	1.2E-01	5.0E-09
110	0.85771	0.01	8.2E-09	3.9E-04	1.0E-03	3.5E-07	1.6E-01	1.2E-01	6.7E-09
111	1.20367	0.01	1.2E-08	3.9E-04	1.0E-03	5.0E-07	1.6E-01	1.2E-01	9.4E-09
112	1.71753	0.02	1.6E-08	3.9E-04	1.0E-03	7.1E-07	1.6E-01	1.2E-01	1.3E-08
113	2.46406	0.02	2.4E-08	3.9E-04	1.0E-03	1.0E-06	1.6E-01	1.2E-01	1.9E-08
114	3.56552	0.03	3.4E-08	3.9E-04	1.0E-03	1.5E-06	1.6E-01	1.2E-01	2.8E-08
115	4.52932	0.04	4.3E-08	3.9E-04	1.0E-03	1.9E-06	1.6E-01	1.2E-01	3.5E-08
116	4.94942	0.05	4.7E-08	3.9E-04	1.0E-03	2.0E-06	1.6E-01	1.2E-01	3.9E-08
117	4.64508	0.04	4.5E-08	3.9E-04	1.0E-03	1.9E-06	1.6E-01	1.2E-01	3.6E-08
118	3.92199	0.04	3.8E-08	3.9E-04	1.0E-03	1.6E-06	1.6E-01	1.2E-01	3.1E-08
119	1.96988	0.02	1.9E-08	3.9E-04	1.0E-03	8.1E-07	1.6E-01	1.2E-01	1.5E-08
120	1.57188	0.02	1.5E-08	3.9E-04	1.0E-03	6.5E-07	1.6E-01	1.2E-01	1.2E-08
121	1.26968	0.01	1.2E-08	3.9E-04	1.0E-03	5.2E-07	1.6E-01	1.2E-01	9.9E-09
122	1.04124	0.01	1.0E-08	3.9E-04	1.0E-03	4.3E-07	1.6E-01	1.2E-01	8.1E-09
123	0.863	0.01	8.3E-09	3.9E-04	1.0E-03	3.6E-07	1.6E-01	1.2E-01	6.7E-09
124	0.72264	0.01	6.9E-09	3.9E-04	1.0E-03	3.0E-07	1.6E-01	1.2E-01	5.6E-09
125	0.61139	0.01	5.9E-09	3.9E-04	1.0E-03	2.5E-07	1.6E-01	1.2E-01	4.8E-09
126	0.99065	0.01	9.5E-09	3.9E-04	1.0E-03	4.1E-07	1.6E-01	1.2E-01	7.7E-09
127	1.46122	0.01	1.4E-08	3.9E-04	1.0E-03	6.0E-07	1.6E-01	1.2E-01	1.1E-08
128	2.3101	0.02	2.2E-08	3.9E-04	1.0E-03	9.5E-07	1.6E-01	1.2E-01	1.8E-08

MUIR School Project

Risk From P3 - Mitigated Residential

Max 0.30

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
129	3.88546	0.04	3.7E-08	3.9E-04	1.0E-03	1.6E-06	1.6E-01	1.2E-01	3.0E-08
130	7.36291	0.07	7.1E-08	3.9E-04	1.0E-03	3.0E-06	1.6E-01	1.2E-01	5.7E-08
131	12.34666	0.12	1.2E-07	3.9E-04	1.0E-03	5.1E-06	1.6E-01	1.2E-01	9.6E-08
132	11.83109	0.11	1.1E-07	3.9E-04	1.0E-03	4.9E-06	1.6E-01	1.2E-01	9.2E-08
133	2.30445	0.02	2.2E-08	3.9E-04	1.0E-03	9.5E-07	1.6E-01	1.2E-01	1.8E-08
134	1.76693	0.02	1.7E-08	3.9E-04	1.0E-03	7.3E-07	1.6E-01	1.2E-01	1.4E-08
135	1.38405	0.01	1.3E-08	3.9E-04	1.0E-03	5.7E-07	1.6E-01	1.2E-01	1.1E-08
136	1.10736	0.01	1.1E-08	3.9E-04	1.0E-03	4.6E-07	1.6E-01	1.2E-01	8.6E-09
137	0.8993	0.01	8.6E-09	3.9E-04	1.0E-03	3.7E-07	1.6E-01	1.2E-01	7.0E-09
138	0.74526	0.01	7.1E-09	3.9E-04	1.0E-03	3.1E-07	1.6E-01	1.2E-01	5.8E-09
139	0.62673	0.01	6.0E-09	3.9E-04	1.0E-03	2.6E-07	1.6E-01	1.2E-01	4.9E-09
140	1.08796	0.01	1.0E-08	3.9E-04	1.0E-03	4.5E-07	1.6E-01	1.2E-01	8.5E-09
141	1.66788	0.02	1.6E-08	3.9E-04	1.0E-03	6.9E-07	1.6E-01	1.2E-01	1.3E-08
142	2.84481	0.03	2.7E-08	3.9E-04	1.0E-03	1.2E-06	1.6E-01	1.2E-01	2.2E-08
143	5.85493	0.06	5.6E-08	3.9E-04	1.0E-03	2.4E-06	1.6E-01	1.2E-01	4.6E-08
144	19.9561	0.19	1.9E-07	3.9E-04	1.0E-03	8.2E-06	1.6E-01	1.2E-01	1.6E-07
145	2.56515	0.02	2.5E-08	3.9E-04	1.0E-03	1.1E-06	1.6E-01	1.2E-01	2.0E-08
146	1.89078	0.02	1.8E-08	3.9E-04	1.0E-03	7.8E-07	1.6E-01	1.2E-01	1.5E-08
147	1.45568	0.01	1.4E-08	3.9E-04	1.0E-03	6.0E-07	1.6E-01	1.2E-01	1.1E-08
148	1.14631	0.01	1.1E-08	3.9E-04	1.0E-03	4.7E-07	1.6E-01	1.2E-01	8.9E-09
149	0.92443	0.01	8.9E-09	3.9E-04	1.0E-03	3.8E-07	1.6E-01	1.2E-01	7.2E-09
150	0.75971	0.01	7.3E-09	3.9E-04	1.0E-03	3.1E-07	1.6E-01	1.2E-01	5.9E-09
151	0.644	0.01	6.2E-09	3.9E-04	1.0E-03	2.7E-07	1.6E-01	1.2E-01	5.0E-09
152	2.96734	0.03	2.8E-08	3.9E-04	1.0E-03	1.2E-06	1.6E-01	1.2E-01	2.3E-08
153	6.32208	0.06	6.1E-08	3.9E-04	1.0E-03	2.6E-06	1.6E-01	1.2E-01	4.9E-08
154	19.00896	0.18	1.8E-07	3.9E-04	1.0E-03	7.8E-06	1.6E-01	1.2E-01	1.5E-07
155	1.96201	0.02	1.9E-08	3.9E-04	1.0E-03	8.1E-07	1.6E-01	1.2E-01	1.5E-08
156	1.49212	0.01	1.4E-08	3.9E-04	1.0E-03	6.1E-07	1.6E-01	1.2E-01	1.2E-08
157	1.16835	0.01	1.1E-08	3.9E-04	1.0E-03	4.8E-07	1.6E-01	1.2E-01	9.1E-09
158	0.93479	0.01	9.0E-09	3.9E-04	1.0E-03	3.8E-07	1.6E-01	1.2E-01	7.3E-09
159	0.77127	0.01	7.4E-09	3.9E-04	1.0E-03	3.2E-07	1.6E-01	1.2E-01	6.0E-09
160	0.64861	0.01	6.2E-09	3.9E-04	1.0E-03	2.7E-07	1.6E-01	1.2E-01	5.1E-09
161	1.61117	0.02	1.5E-08	3.9E-04	1.0E-03	6.6E-07	1.6E-01	1.2E-01	1.3E-08
162	2.61162	0.03	2.5E-08	3.9E-04	1.0E-03	1.1E-06	1.6E-01	1.2E-01	2.0E-08
163	4.93532	0.05	4.7E-08	3.9E-04	1.0E-03	2.0E-06	1.6E-01	1.2E-01	3.8E-08
164	10.93379	0.10	1.0E-07	3.9E-04	1.0E-03	4.5E-06	1.6E-01	1.2E-01	8.5E-08
165	30.82887	0.30	3.0E-07	3.9E-04	1.0E-03	1.3E-05	1.6E-01	1.2E-01	2.4E-07
166	1.97143	0.02	1.9E-08	3.9E-04	1.0E-03	8.1E-07	1.6E-01	1.2E-01	1.5E-08
167	1.49985	0.01	1.4E-08	3.9E-04	1.0E-03	6.2E-07	1.6E-01	1.2E-01	1.2E-08
168	1.1783	0.01	1.1E-08	3.9E-04	1.0E-03	4.8E-07	1.6E-01	1.2E-01	9.2E-09
169	0.94916	0.01	9.1E-09	3.9E-04	1.0E-03	3.9E-07	1.6E-01	1.2E-01	7.4E-09
170	0.78634	0.01	7.5E-09	3.9E-04	1.0E-03	3.2E-07	1.6E-01	1.2E-01	6.1E-09
171	0.65359	0.01	6.3E-09	3.9E-04	1.0E-03	2.7E-07	1.6E-01	1.2E-01	5.1E-09

MUIR School Project

Risk From P3 - Mitigated Residential

Max 0.30

Birth to 2

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
172	1.3879	0.01	1.3E-08	3.9E-04	1.0E-03	5.7E-07	1.6E-01	1.2E-01	1.1E-08
173	2.09422	0.02	2.0E-08	3.9E-04	1.0E-03	8.6E-07	1.6E-01	1.2E-01	1.6E-08
174	3.37831	0.03	3.2E-08	3.9E-04	1.0E-03	1.4E-06	1.6E-01	1.2E-01	2.6E-08
175	5.62082	0.05	5.4E-08	3.9E-04	1.0E-03	2.3E-06	1.6E-01	1.2E-01	4.4E-08
176	9.0082	0.09	8.6E-08	3.9E-04	1.0E-03	3.7E-06	1.6E-01	1.2E-01	7.0E-08
177	3.40371	0.03	3.3E-08	3.9E-04	1.0E-03	1.4E-06	1.6E-01	1.2E-01	2.7E-08
178	2.5095	0.02	2.4E-08	3.9E-04	1.0E-03	1.0E-06	1.6E-01	1.2E-01	2.0E-08
179	1.89933	0.02	1.8E-08	3.9E-04	1.0E-03	7.8E-07	1.6E-01	1.2E-01	1.5E-08
180	1.47585	0.01	1.4E-08	3.9E-04	1.0E-03	6.1E-07	1.6E-01	1.2E-01	1.2E-08
181	1.17225	0.01	1.1E-08	3.9E-04	1.0E-03	4.8E-07	1.6E-01	1.2E-01	9.1E-09
182	0.9598	0.01	9.2E-09	3.9E-04	1.0E-03	3.9E-07	1.6E-01	1.2E-01	7.5E-09
183	0.79517	0.01	7.6E-09	3.9E-04	1.0E-03	3.3E-07	1.6E-01	1.2E-01	6.2E-09
184	0.66163	0.01	6.3E-09	3.9E-04	1.0E-03	2.7E-07	1.6E-01	1.2E-01	5.2E-09
185	3.17826	0.03	3.0E-08	3.9E-04	1.0E-03	1.3E-06	1.6E-01	1.2E-01	2.5E-08
186	4.30239	0.04	4.1E-08	3.9E-04	1.0E-03	1.8E-06	1.6E-01	1.2E-01	3.4E-08
187	5.0169	0.05	4.8E-08	3.9E-04	1.0E-03	2.1E-06	1.6E-01	1.2E-01	3.9E-08
188	4.30719	0.04	4.1E-08	3.9E-04	1.0E-03	1.8E-06	1.6E-01	1.2E-01	3.4E-08
189	3.49312	0.03	3.3E-08	3.9E-04	1.0E-03	1.4E-06	1.6E-01	1.2E-01	2.7E-08
190	2.76096	0.03	2.6E-08	3.9E-04	1.0E-03	1.1E-06	1.6E-01	1.2E-01	2.2E-08
191	2.17384	0.02	2.1E-08	3.9E-04	1.0E-03	8.9E-07	1.6E-01	1.2E-01	1.7E-08
192	1.7293	0.02	1.7E-08	3.9E-04	1.0E-03	7.1E-07	1.6E-01	1.2E-01	1.3E-08
193	1.38747	0.01	1.3E-08	3.9E-04	1.0E-03	5.7E-07	1.6E-01	1.2E-01	1.1E-08
194	1.12789	0.01	1.1E-08	3.9E-04	1.0E-03	4.6E-07	1.6E-01	1.2E-01	8.8E-09
195	0.94518	0.01	9.1E-09	3.9E-04	1.0E-03	3.9E-07	1.6E-01	1.2E-01	7.4E-09
196	0.79066	0.01	7.6E-09	3.9E-04	1.0E-03	3.3E-07	1.6E-01	1.2E-01	6.2E-09
197	0.66517	0.01	6.4E-09	3.9E-04	1.0E-03	2.7E-07	1.6E-01	1.2E-01	5.2E-09
198	1.57623	0.02	1.5E-08	3.9E-04	1.0E-03	6.5E-07	1.6E-01	1.2E-01	1.2E-08
199	2.0097	0.02	1.9E-08	3.9E-04	1.0E-03	8.3E-07	1.6E-01	1.2E-01	1.6E-08
200	2.48637	0.02	2.4E-08	3.9E-04	1.0E-03	1.0E-06	1.6E-01	1.2E-01	1.9E-08
201	2.79916	0.03	2.7E-08	3.9E-04	1.0E-03	1.2E-06	1.6E-01	1.2E-01	2.2E-08
202	2.86796	0.03	2.7E-08	3.9E-04	1.0E-03	1.2E-06	1.6E-01	1.2E-01	2.2E-08
203	2.6982	0.03	2.6E-08	3.9E-04	1.0E-03	1.1E-06	1.6E-01	1.2E-01	2.1E-08
204	2.42861	0.02	2.3E-08	3.9E-04	1.0E-03	1.0E-06	1.6E-01	1.2E-01	1.9E-08
205	2.09606	0.02	2.0E-08	3.9E-04	1.0E-03	8.6E-07	1.6E-01	1.2E-01	1.6E-08
206	1.77161	0.02	1.7E-08	3.9E-04	1.0E-03	7.3E-07	1.6E-01	1.2E-01	1.4E-08
207	1.48459	0.01	1.4E-08	3.9E-04	1.0E-03	6.1E-07	1.6E-01	1.2E-01	1.2E-08
208	1.24126	0.01	1.2E-08	3.9E-04	1.0E-03	5.1E-07	1.6E-01	1.2E-01	9.7E-09
209	1.05552	0.01	1.0E-08	3.9E-04	1.0E-03	4.3E-07	1.6E-01	1.2E-01	8.2E-09
210	0.89645	0.01	8.6E-09	3.9E-04	1.0E-03	3.7E-07	1.6E-01	1.2E-01	7.0E-09
211	0.76451	0.01	7.3E-09	3.9E-04	1.0E-03	3.1E-07	1.6E-01	1.2E-01	6.0E-09
212	0.65152	0.01	6.2E-09	3.9E-04	1.0E-03	2.7E-07	1.6E-01	1.2E-01	5.1E-09
213	1.14649	0.01	1.1E-08	3.9E-04	1.0E-03	4.7E-07	1.6E-01	1.2E-01	8.9E-09
214	1.38569	0.01	1.3E-08	3.9E-04	1.0E-03	5.7E-07	1.6E-01	1.2E-01	1.1E-08

MUIR School Project

Risk From P3 - Mitigated Residential

	Max	0.30				Birth to 2			
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
215	1.61422	0.02	1.5E-08	3.9E-04	1.0E-03	6.6E-07	1.6E-01	1.2E-01	1.3E-08
216	1.79849	0.02	1.7E-08	3.9E-04	1.0E-03	7.4E-07	1.6E-01	1.2E-01	1.4E-08
217	1.85293	0.02	1.8E-08	3.9E-04	1.0E-03	7.6E-07	1.6E-01	1.2E-01	1.4E-08
218	1.80787	0.02	1.7E-08	3.9E-04	1.0E-03	7.4E-07	1.6E-01	1.2E-01	1.4E-08
219	1.69279	0.02	1.6E-08	3.9E-04	1.0E-03	7.0E-07	1.6E-01	1.2E-01	1.3E-08
220	1.55158	0.01	1.5E-08	3.9E-04	1.0E-03	6.4E-07	1.6E-01	1.2E-01	1.2E-08
221	1.38877	0.01	1.3E-08	3.9E-04	1.0E-03	5.7E-07	1.6E-01	1.2E-01	1.1E-08
222	1.22125	0.01	1.2E-08	3.9E-04	1.0E-03	5.0E-07	1.6E-01	1.2E-01	9.5E-09
223	1.0655	0.01	1.0E-08	3.9E-04	1.0E-03	4.4E-07	1.6E-01	1.2E-01	8.3E-09
224	0.9251	0.01	8.9E-09	3.9E-04	1.0E-03	3.8E-07	1.6E-01	1.2E-01	7.2E-09
225	0.81587	0.01	7.8E-09	3.9E-04	1.0E-03	3.4E-07	1.6E-01	1.2E-01	6.4E-09
226	0.70847	0.01	6.8E-09	3.9E-04	1.0E-03	2.9E-07	1.6E-01	1.2E-01	5.5E-09
227	0.61957	0.01	5.9E-09	3.9E-04	1.0E-03	2.5E-07	1.6E-01	1.2E-01	4.8E-09
228	1.00178	0.01	9.6E-09	3.9E-04	1.0E-03	4.1E-07	1.6E-01	1.2E-01	7.8E-09
229	1.14605	0.01	1.1E-08	3.9E-04	1.0E-03	4.7E-07	1.6E-01	1.2E-01	8.9E-09
230	1.25241	0.01	1.2E-08	3.9E-04	1.0E-03	5.2E-07	1.6E-01	1.2E-01	9.8E-09
231	1.29702	0.01	1.2E-08	3.9E-04	1.0E-03	5.3E-07	1.6E-01	1.2E-01	1.0E-08
232	1.28247	0.01	1.2E-08	3.9E-04	1.0E-03	5.3E-07	1.6E-01	1.2E-01	1.0E-08
233	1.23442	0.01	1.2E-08	3.9E-04	1.0E-03	5.1E-07	1.6E-01	1.2E-01	9.6E-09
234	1.16369	0.01	1.1E-08	3.9E-04	1.0E-03	4.8E-07	1.6E-01	1.2E-01	9.1E-09
235	1.07487	0.01	1.0E-08	3.9E-04	1.0E-03	4.4E-07	1.6E-01	1.2E-01	8.4E-09
236	0.98498	0.01	9.4E-09	3.9E-04	1.0E-03	4.1E-07	1.6E-01	1.2E-01	7.7E-09
237	0.88592	0.01	8.5E-09	3.9E-04	1.0E-03	3.6E-07	1.6E-01	1.2E-01	6.9E-09
238	0.79294	0.01	7.6E-09	3.9E-04	1.0E-03	3.3E-07	1.6E-01	1.2E-01	6.2E-09
239	0.71481	0.01	6.9E-09	3.9E-04	1.0E-03	2.9E-07	1.6E-01	1.2E-01	5.6E-09
240	0.63969	0.01	6.1E-09	3.9E-04	1.0E-03	2.6E-07	1.6E-01	1.2E-01	5.0E-09
241	0.57121	0.01	5.5E-09	3.9E-04	1.0E-03	2.4E-07	1.6E-01	1.2E-01	4.5E-09
242	0.58195	0.01	5.6E-09	3.9E-04	1.0E-03	2.4E-07	1.6E-01	1.2E-01	4.5E-09
243	0.67028	0.01	6.4E-09	3.9E-04	1.0E-03	2.8E-07	1.6E-01	1.2E-01	5.2E-09
244	0.76295	0.01	7.3E-09	3.9E-04	1.0E-03	3.1E-07	1.6E-01	1.2E-01	5.9E-09
245	0.85578	0.01	8.2E-09	3.9E-04	1.0E-03	3.5E-07	1.6E-01	1.2E-01	6.7E-09
246	0.92544	0.01	8.9E-09	3.9E-04	1.0E-03	3.8E-07	1.6E-01	1.2E-01	7.2E-09
247	0.9584	0.01	9.2E-09	3.9E-04	1.0E-03	3.9E-07	1.6E-01	1.2E-01	7.5E-09
248	0.95942	0.01	9.2E-09	3.9E-04	1.0E-03	3.9E-07	1.6E-01	1.2E-01	7.5E-09
249	0.93095	0.01	8.9E-09	3.9E-04	1.0E-03	3.8E-07	1.6E-01	1.2E-01	7.3E-09
250	0.89269	0.01	8.6E-09	3.9E-04	1.0E-03	3.7E-07	1.6E-01	1.2E-01	7.0E-09
251	0.84591	0.01	8.1E-09	3.9E-04	1.0E-03	3.5E-07	1.6E-01	1.2E-01	6.6E-09
252	0.75899	0.01	7.3E-09	3.9E-04	1.0E-03	3.1E-07	1.6E-01	1.2E-01	5.9E-09
253	0.71128	0.01	6.8E-09	3.9E-04	1.0E-03	2.9E-07	1.6E-01	1.2E-01	5.5E-09
254	0.6584	0.01	6.3E-09	3.9E-04	1.0E-03	2.7E-07	1.6E-01	1.2E-01	5.1E-09
255	0.60911	0.01	5.8E-09	3.9E-04	1.0E-03	2.5E-07	1.6E-01	1.2E-01	4.7E-09
256	0.56006	0.01	5.4E-09	3.9E-04	1.0E-03	2.3E-07	1.6E-01	1.2E-01	4.4E-09
257	0.51159	0.00	4.9E-09	3.9E-04	1.0E-03	2.1E-07	1.6E-01	1.2E-01	4.0E-09

MUIR School Project

Risk From P3 - Mitigated Residential

	Max	0.30				Birth to 2			
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
258	0.48054	0.00	4.6E-09	3.9E-04	1.0E-03	2.0E-07	1.6E-01	1.2E-01	3.7E-09
259	0.53763	0.01	5.2E-09	3.9E-04	1.0E-03	2.2E-07	1.6E-01	1.2E-01	4.2E-09
260	0.66965	0.01	6.4E-09	3.9E-04	1.0E-03	2.8E-07	1.6E-01	1.2E-01	5.2E-09
261	0.71298	0.01	6.8E-09	3.9E-04	1.0E-03	2.9E-07	1.6E-01	1.2E-01	5.6E-09
262	0.74059	0.01	7.1E-09	3.9E-04	1.0E-03	3.0E-07	1.6E-01	1.2E-01	5.8E-09
263	0.73305	0.01	7.0E-09	3.9E-04	1.0E-03	3.0E-07	1.6E-01	1.2E-01	5.7E-09
264	0.72907	0.01	7.0E-09	3.9E-04	1.0E-03	3.0E-07	1.6E-01	1.2E-01	5.7E-09
265	0.66688	0.01	6.4E-09	3.9E-04	1.0E-03	2.7E-07	1.6E-01	1.2E-01	5.2E-09
266	0.65206	0.01	6.3E-09	3.9E-04	1.0E-03	2.7E-07	1.6E-01	1.2E-01	5.1E-09
267	0.64248	0.01	6.2E-09	3.9E-04	1.0E-03	2.6E-07	1.6E-01	1.2E-01	5.0E-09
268	0.57433	0.01	5.5E-09	3.9E-04	1.0E-03	2.4E-07	1.6E-01	1.2E-01	4.5E-09
269	0.54254	0.01	5.2E-09	3.9E-04	1.0E-03	2.2E-07	1.6E-01	1.2E-01	4.2E-09
270	0.51034	0.00	4.9E-09	3.9E-04	1.0E-03	2.1E-07	1.6E-01	1.2E-01	4.0E-09
271	0.48186	0.00	4.6E-09	3.9E-04	1.0E-03	2.0E-07	1.6E-01	1.2E-01	3.8E-09
272	0.44948	0.00	4.3E-09	3.9E-04	1.0E-03	1.8E-07	1.6E-01	1.2E-01	3.5E-09
273	0.56661	0.01	5.4E-09	3.9E-04	1.0E-03	2.3E-07	1.6E-01	1.2E-01	4.4E-09
274	0.58739	0.01	5.6E-09	3.9E-04	1.0E-03	2.4E-07	1.6E-01	1.2E-01	4.6E-09
275	0.59128	0.01	5.7E-09	3.9E-04	1.0E-03	2.4E-07	1.6E-01	1.2E-01	4.6E-09
276	0.58506	0.01	5.6E-09	3.9E-04	1.0E-03	2.4E-07	1.6E-01	1.2E-01	4.6E-09
277	0.53903	0.01	5.2E-09	3.9E-04	1.0E-03	2.2E-07	1.6E-01	1.2E-01	4.2E-09
278	0.53047	0.01	5.1E-09	3.9E-04	1.0E-03	2.2E-07	1.6E-01	1.2E-01	4.1E-09
279	0.53035	0.01	5.1E-09	3.9E-04	1.0E-03	2.2E-07	1.6E-01	1.2E-01	4.1E-09
280	0.46323	0.00	4.4E-09	3.9E-04	1.0E-03	1.9E-07	1.6E-01	1.2E-01	3.6E-09
281	0.44718	0.00	4.3E-09	3.9E-04	1.0E-03	1.8E-07	1.6E-01	1.2E-01	3.5E-09
282	0.42769	0.00	4.1E-09	3.9E-04	1.0E-03	1.8E-07	1.6E-01	1.2E-01	3.3E-09
283	0.39853	0.00	3.8E-09	3.9E-04	1.0E-03	1.6E-07	1.6E-01	1.2E-01	3.1E-09
284	0.3852	0.00	3.7E-09	3.9E-04	1.0E-03	1.6E-07	1.6E-01	1.2E-01	3.0E-09

MUIR School Project

Risk From P3 - Mitigated Residential

2 to 16

Receptor #	g/sec	D1	Dose	R1	ED	Risk
43	3.7E-04	6.1E-04	6.3E-08	4.7E-02	1.7E-01	5.1E-10
44	3.7E-04	6.1E-04	7.3E-08	4.7E-02	1.7E-01	5.8E-10
45	3.7E-04	6.1E-04	8.4E-08	4.7E-02	1.7E-01	6.7E-10
46	3.7E-04	6.1E-04	9.6E-08	4.7E-02	1.7E-01	7.7E-10
47	3.7E-04	6.1E-04	1.1E-07	4.7E-02	1.7E-01	8.9E-10
48	3.7E-04	6.1E-04	1.3E-07	4.7E-02	1.7E-01	1.0E-09
49	3.7E-04	6.1E-04	1.4E-07	4.7E-02	1.7E-01	1.1E-09
50	3.7E-04	6.1E-04	1.5E-07	4.7E-02	1.7E-01	1.2E-09
51	3.7E-04	6.1E-04	1.7E-07	4.7E-02	1.7E-01	1.3E-09
52	3.7E-04	6.1E-04	1.8E-07	4.7E-02	1.7E-01	1.4E-09
53	3.7E-04	6.1E-04	1.9E-07	4.7E-02	1.7E-01	1.5E-09
54	3.7E-04	6.1E-04	1.9E-07	4.7E-02	1.7E-01	1.5E-09
55	3.7E-04	6.1E-04	1.7E-07	4.7E-02	1.7E-01	1.4E-09
56	3.7E-04	6.1E-04	1.6E-07	4.7E-02	1.7E-01	1.3E-09
57	3.7E-04	6.1E-04	1.5E-07	4.7E-02	1.7E-01	1.2E-09
58	3.7E-04	6.1E-04	1.4E-07	4.7E-02	1.7E-01	1.1E-09
59	3.7E-04	6.1E-04	1.3E-07	4.7E-02	1.7E-01	1.0E-09
60	3.7E-04	6.1E-04	1.1E-07	4.7E-02	1.7E-01	9.1E-10
61	3.7E-04	6.1E-04	8.2E-08	4.7E-02	1.7E-01	6.6E-10
62	3.7E-04	6.1E-04	9.7E-08	4.7E-02	1.7E-01	7.8E-10
63	3.7E-04	6.1E-04	1.2E-07	4.7E-02	1.7E-01	9.2E-10
64	3.7E-04	6.1E-04	1.4E-07	4.7E-02	1.7E-01	1.1E-09
65	3.7E-04	6.1E-04	1.6E-07	4.7E-02	1.7E-01	1.3E-09
66	3.7E-04	6.1E-04	1.8E-07	4.7E-02	1.7E-01	1.5E-09
67	3.7E-04	6.1E-04	2.1E-07	4.7E-02	1.7E-01	1.7E-09
68	3.7E-04	6.1E-04	2.3E-07	4.7E-02	1.7E-01	1.8E-09
69	3.7E-04	6.1E-04	2.5E-07	4.7E-02	1.7E-01	2.0E-09
70	3.7E-04	6.1E-04	2.6E-07	4.7E-02	1.7E-01	2.1E-09
71	3.7E-04	6.1E-04	2.6E-07	4.7E-02	1.7E-01	2.1E-09
72	3.7E-04	6.1E-04	1.8E-07	4.7E-02	1.7E-01	1.5E-09
73	3.7E-04	6.1E-04	1.6E-07	4.7E-02	1.7E-01	1.3E-09
74	3.7E-04	6.1E-04	1.4E-07	4.7E-02	1.7E-01	1.2E-09
75	3.7E-04	6.1E-04	1.3E-07	4.7E-02	1.7E-01	1.0E-09
76	3.7E-04	6.1E-04	8.3E-08	4.7E-02	1.7E-01	6.6E-10
77	3.7E-04	6.1E-04	1.0E-07	4.7E-02	1.7E-01	8.3E-10
78	3.7E-04	6.1E-04	1.3E-07	4.7E-02	1.7E-01	1.1E-09
79	3.7E-04	6.1E-04	1.7E-07	4.7E-02	1.7E-01	1.4E-09
80	3.7E-04	6.1E-04	2.1E-07	4.7E-02	1.7E-01	1.7E-09
81	3.7E-04	6.1E-04	2.5E-07	4.7E-02	1.7E-01	2.0E-09
82	3.7E-04	6.1E-04	3.0E-07	4.7E-02	1.7E-01	2.4E-09
83	3.7E-04	6.1E-04	3.3E-07	4.7E-02	1.7E-01	2.7E-09
84	3.7E-04	6.1E-04	3.6E-07	4.7E-02	1.7E-01	2.9E-09
85	3.7E-04	6.1E-04	3.8E-07	4.7E-02	1.7E-01	3.0E-09

MUIR School Project

Risk From P3 - Mitigated Residential

2 to 16

Receptor #	g/sec	D1	Dose	R1	ED	Risk
86	3.7E-04	6.1E-04	3.7E-07	4.7E-02	1.7E-01	3.0E-09
87	3.7E-04	6.1E-04	2.2E-07	4.7E-02	1.7E-01	1.7E-09
88	3.7E-04	6.1E-04	1.9E-07	4.7E-02	1.7E-01	1.5E-09
89	3.7E-04	6.1E-04	1.6E-07	4.7E-02	1.7E-01	1.3E-09
90	3.7E-04	6.1E-04	1.4E-07	4.7E-02	1.7E-01	1.1E-09
91	3.7E-04	6.1E-04	1.2E-07	4.7E-02	1.7E-01	9.9E-10
92	3.7E-04	6.1E-04	1.0E-07	4.7E-02	1.7E-01	8.1E-10
93	3.7E-04	6.1E-04	1.3E-07	4.7E-02	1.7E-01	1.0E-09
94	3.7E-04	6.1E-04	1.6E-07	4.7E-02	1.7E-01	1.3E-09
95	3.7E-04	6.1E-04	2.1E-07	4.7E-02	1.7E-01	1.7E-09
96	3.7E-04	6.1E-04	2.8E-07	4.7E-02	1.7E-01	2.2E-09
97	3.7E-04	6.1E-04	3.6E-07	4.7E-02	1.7E-01	2.9E-09
98	3.7E-04	6.1E-04	4.6E-07	4.7E-02	1.7E-01	3.7E-09
99	3.7E-04	6.1E-04	5.4E-07	4.7E-02	1.7E-01	4.3E-09
100	3.7E-04	6.1E-04	5.9E-07	4.7E-02	1.7E-01	4.7E-09
101	3.7E-04	6.1E-04	6.0E-07	4.7E-02	1.7E-01	4.8E-09
102	3.7E-04	6.1E-04	5.6E-07	4.7E-02	1.7E-01	4.5E-09
103	3.7E-04	6.1E-04	3.6E-07	4.7E-02	1.7E-01	2.9E-09
104	3.7E-04	6.1E-04	2.5E-07	4.7E-02	1.7E-01	2.0E-09
105	3.7E-04	6.1E-04	2.1E-07	4.7E-02	1.7E-01	1.7E-09
106	3.7E-04	6.1E-04	1.8E-07	4.7E-02	1.7E-01	1.4E-09
107	3.7E-04	6.1E-04	1.5E-07	4.7E-02	1.7E-01	1.2E-09
108	3.7E-04	6.1E-04	1.3E-07	4.7E-02	1.7E-01	1.1E-09
109	3.7E-04	6.1E-04	1.4E-07	4.7E-02	1.7E-01	1.2E-09
110	3.7E-04	6.1E-04	1.9E-07	4.7E-02	1.7E-01	1.5E-09
111	3.7E-04	6.1E-04	2.7E-07	4.7E-02	1.7E-01	2.2E-09
112	3.7E-04	6.1E-04	3.8E-07	4.7E-02	1.7E-01	3.1E-09
113	3.7E-04	6.1E-04	5.5E-07	4.7E-02	1.7E-01	4.4E-09
114	3.7E-04	6.1E-04	8.0E-07	4.7E-02	1.7E-01	6.4E-09
115	3.7E-04	6.1E-04	1.0E-06	4.7E-02	1.7E-01	8.1E-09
116	3.7E-04	6.1E-04	1.1E-06	4.7E-02	1.7E-01	8.9E-09
117	3.7E-04	6.1E-04	1.0E-06	4.7E-02	1.7E-01	8.3E-09
118	3.7E-04	6.1E-04	8.8E-07	4.7E-02	1.7E-01	7.0E-09
119	3.7E-04	6.1E-04	4.4E-07	4.7E-02	1.7E-01	3.5E-09
120	3.7E-04	6.1E-04	3.5E-07	4.7E-02	1.7E-01	2.8E-09
121	3.7E-04	6.1E-04	2.8E-07	4.7E-02	1.7E-01	2.3E-09
122	3.7E-04	6.1E-04	2.3E-07	4.7E-02	1.7E-01	1.9E-09
123	3.7E-04	6.1E-04	1.9E-07	4.7E-02	1.7E-01	1.5E-09
124	3.7E-04	6.1E-04	1.6E-07	4.7E-02	1.7E-01	1.3E-09
125	3.7E-04	6.1E-04	1.4E-07	4.7E-02	1.7E-01	1.1E-09
126	3.7E-04	6.1E-04	2.2E-07	4.7E-02	1.7E-01	1.8E-09
127	3.7E-04	6.1E-04	3.3E-07	4.7E-02	1.7E-01	2.6E-09
128	3.7E-04	6.1E-04	5.2E-07	4.7E-02	1.7E-01	4.1E-09

MUIR School Project

Risk From P3 - Mitigated Residential

2 to 16

Receptor #	g/sec	D1	Dose	R1	ED	Risk
129	3.7E-04	6.1E-04	8.7E-07	4.7E-02	1.7E-01	7.0E-09
130	3.7E-04	6.1E-04	1.6E-06	4.7E-02	1.7E-01	1.3E-08
131	3.7E-04	6.1E-04	2.8E-06	4.7E-02	1.7E-01	2.2E-08
132	3.7E-04	6.1E-04	2.6E-06	4.7E-02	1.7E-01	2.1E-08
133	3.7E-04	6.1E-04	5.2E-07	4.7E-02	1.7E-01	4.1E-09
134	3.7E-04	6.1E-04	4.0E-07	4.7E-02	1.7E-01	3.2E-09
135	3.7E-04	6.1E-04	3.1E-07	4.7E-02	1.7E-01	2.5E-09
136	3.7E-04	6.1E-04	2.5E-07	4.7E-02	1.7E-01	2.0E-09
137	3.7E-04	6.1E-04	2.0E-07	4.7E-02	1.7E-01	1.6E-09
138	3.7E-04	6.1E-04	1.7E-07	4.7E-02	1.7E-01	1.3E-09
139	3.7E-04	6.1E-04	1.4E-07	4.7E-02	1.7E-01	1.1E-09
140	3.7E-04	6.1E-04	2.4E-07	4.7E-02	1.7E-01	1.9E-09
141	3.7E-04	6.1E-04	3.7E-07	4.7E-02	1.7E-01	3.0E-09
142	3.7E-04	6.1E-04	6.4E-07	4.7E-02	1.7E-01	5.1E-09
143	3.7E-04	6.1E-04	1.3E-06	4.7E-02	1.7E-01	1.0E-08
144	3.7E-04	6.1E-04	4.5E-06	4.7E-02	1.7E-01	3.6E-08
145	3.7E-04	6.1E-04	5.7E-07	4.7E-02	1.7E-01	4.6E-09
146	3.7E-04	6.1E-04	4.2E-07	4.7E-02	1.7E-01	3.4E-09
147	3.7E-04	6.1E-04	3.3E-07	4.7E-02	1.7E-01	2.6E-09
148	3.7E-04	6.1E-04	2.6E-07	4.7E-02	1.7E-01	2.1E-09
149	3.7E-04	6.1E-04	2.1E-07	4.7E-02	1.7E-01	1.7E-09
150	3.7E-04	6.1E-04	1.7E-07	4.7E-02	1.7E-01	1.4E-09
151	3.7E-04	6.1E-04	1.4E-07	4.7E-02	1.7E-01	1.2E-09
152	3.7E-04	6.1E-04	6.6E-07	4.7E-02	1.7E-01	5.3E-09
153	3.7E-04	6.1E-04	1.4E-06	4.7E-02	1.7E-01	1.1E-08
154	3.7E-04	6.1E-04	4.3E-06	4.7E-02	1.7E-01	3.4E-08
155	3.7E-04	6.1E-04	4.4E-07	4.7E-02	1.7E-01	3.5E-09
156	3.7E-04	6.1E-04	3.3E-07	4.7E-02	1.7E-01	2.7E-09
157	3.7E-04	6.1E-04	2.6E-07	4.7E-02	1.7E-01	2.1E-09
158	3.7E-04	6.1E-04	2.1E-07	4.7E-02	1.7E-01	1.7E-09
159	3.7E-04	6.1E-04	1.7E-07	4.7E-02	1.7E-01	1.4E-09
160	3.7E-04	6.1E-04	1.5E-07	4.7E-02	1.7E-01	1.2E-09
161	3.7E-04	6.1E-04	3.6E-07	4.7E-02	1.7E-01	2.9E-09
162	3.7E-04	6.1E-04	5.8E-07	4.7E-02	1.7E-01	4.7E-09
163	3.7E-04	6.1E-04	1.1E-06	4.7E-02	1.7E-01	8.8E-09
164	3.7E-04	6.1E-04	2.4E-06	4.7E-02	1.7E-01	2.0E-08
165	3.7E-04	6.1E-04	6.9E-06	4.7E-02	1.7E-01	5.5E-08
166	3.7E-04	6.1E-04	4.4E-07	4.7E-02	1.7E-01	3.5E-09
167	3.7E-04	6.1E-04	3.4E-07	4.7E-02	1.7E-01	2.7E-09
168	3.7E-04	6.1E-04	2.6E-07	4.7E-02	1.7E-01	2.1E-09
169	3.7E-04	6.1E-04	2.1E-07	4.7E-02	1.7E-01	1.7E-09
170	3.7E-04	6.1E-04	1.8E-07	4.7E-02	1.7E-01	1.4E-09
171	3.7E-04	6.1E-04	1.5E-07	4.7E-02	1.7E-01	1.2E-09

MUIR School Project

Risk From P3 - Mitigated Residential

2 to 16

Receptor #	g/sec	D1	Dose	R1	ED	Risk
172	3.7E-04	6.1E-04	3.1E-07	4.7E-02	1.7E-01	2.5E-09
173	3.7E-04	6.1E-04	4.7E-07	4.7E-02	1.7E-01	3.8E-09
174	3.7E-04	6.1E-04	7.6E-07	4.7E-02	1.7E-01	6.1E-09
175	3.7E-04	6.1E-04	1.3E-06	4.7E-02	1.7E-01	1.0E-08
176	3.7E-04	6.1E-04	2.0E-06	4.7E-02	1.7E-01	1.6E-08
177	3.7E-04	6.1E-04	7.6E-07	4.7E-02	1.7E-01	6.1E-09
178	3.7E-04	6.1E-04	5.6E-07	4.7E-02	1.7E-01	4.5E-09
179	3.7E-04	6.1E-04	4.2E-07	4.7E-02	1.7E-01	3.4E-09
180	3.7E-04	6.1E-04	3.3E-07	4.7E-02	1.7E-01	2.6E-09
181	3.7E-04	6.1E-04	2.6E-07	4.7E-02	1.7E-01	2.1E-09
182	3.7E-04	6.1E-04	2.1E-07	4.7E-02	1.7E-01	1.7E-09
183	3.7E-04	6.1E-04	1.8E-07	4.7E-02	1.7E-01	1.4E-09
184	3.7E-04	6.1E-04	1.5E-07	4.7E-02	1.7E-01	1.2E-09
185	3.7E-04	6.1E-04	7.1E-07	4.7E-02	1.7E-01	5.7E-09
186	3.7E-04	6.1E-04	9.6E-07	4.7E-02	1.7E-01	7.7E-09
187	3.7E-04	6.1E-04	1.1E-06	4.7E-02	1.7E-01	9.0E-09
188	3.7E-04	6.1E-04	9.6E-07	4.7E-02	1.7E-01	7.7E-09
189	3.7E-04	6.1E-04	7.8E-07	4.7E-02	1.7E-01	6.3E-09
190	3.7E-04	6.1E-04	6.2E-07	4.7E-02	1.7E-01	4.9E-09
191	3.7E-04	6.1E-04	4.9E-07	4.7E-02	1.7E-01	3.9E-09
192	3.7E-04	6.1E-04	3.9E-07	4.7E-02	1.7E-01	3.1E-09
193	3.7E-04	6.1E-04	3.1E-07	4.7E-02	1.7E-01	2.5E-09
194	3.7E-04	6.1E-04	2.5E-07	4.7E-02	1.7E-01	2.0E-09
195	3.7E-04	6.1E-04	2.1E-07	4.7E-02	1.7E-01	1.7E-09
196	3.7E-04	6.1E-04	1.8E-07	4.7E-02	1.7E-01	1.4E-09
197	3.7E-04	6.1E-04	1.5E-07	4.7E-02	1.7E-01	1.2E-09
198	3.7E-04	6.1E-04	3.5E-07	4.7E-02	1.7E-01	2.8E-09
199	3.7E-04	6.1E-04	4.5E-07	4.7E-02	1.7E-01	3.6E-09
200	3.7E-04	6.1E-04	5.6E-07	4.7E-02	1.7E-01	4.5E-09
201	3.7E-04	6.1E-04	6.3E-07	4.7E-02	1.7E-01	5.0E-09
202	3.7E-04	6.1E-04	6.4E-07	4.7E-02	1.7E-01	5.1E-09
203	3.7E-04	6.1E-04	6.0E-07	4.7E-02	1.7E-01	4.8E-09
204	3.7E-04	6.1E-04	5.4E-07	4.7E-02	1.7E-01	4.4E-09
205	3.7E-04	6.1E-04	4.7E-07	4.7E-02	1.7E-01	3.8E-09
206	3.7E-04	6.1E-04	4.0E-07	4.7E-02	1.7E-01	3.2E-09
207	3.7E-04	6.1E-04	3.3E-07	4.7E-02	1.7E-01	2.7E-09
208	3.7E-04	6.1E-04	2.8E-07	4.7E-02	1.7E-01	2.2E-09
209	3.7E-04	6.1E-04	2.4E-07	4.7E-02	1.7E-01	1.9E-09
210	3.7E-04	6.1E-04	2.0E-07	4.7E-02	1.7E-01	1.6E-09
211	3.7E-04	6.1E-04	1.7E-07	4.7E-02	1.7E-01	1.4E-09
212	3.7E-04	6.1E-04	1.5E-07	4.7E-02	1.7E-01	1.2E-09
213	3.7E-04	6.1E-04	2.6E-07	4.7E-02	1.7E-01	2.1E-09
214	3.7E-04	6.1E-04	3.1E-07	4.7E-02	1.7E-01	2.5E-09

MUIR School Project

Risk From P3 - Mitigated Residential

2 to 16

Receptor #	g/sec	D1	Dose	R1	ED	Risk
215	3.7E-04	6.1E-04	3.6E-07	4.7E-02	1.7E-01	2.9E-09
216	3.7E-04	6.1E-04	4.0E-07	4.7E-02	1.7E-01	3.2E-09
217	3.7E-04	6.1E-04	4.1E-07	4.7E-02	1.7E-01	3.3E-09
218	3.7E-04	6.1E-04	4.0E-07	4.7E-02	1.7E-01	3.2E-09
219	3.7E-04	6.1E-04	3.8E-07	4.7E-02	1.7E-01	3.0E-09
220	3.7E-04	6.1E-04	3.5E-07	4.7E-02	1.7E-01	2.8E-09
221	3.7E-04	6.1E-04	3.1E-07	4.7E-02	1.7E-01	2.5E-09
222	3.7E-04	6.1E-04	2.7E-07	4.7E-02	1.7E-01	2.2E-09
223	3.7E-04	6.1E-04	2.4E-07	4.7E-02	1.7E-01	1.9E-09
224	3.7E-04	6.1E-04	2.1E-07	4.7E-02	1.7E-01	1.7E-09
225	3.7E-04	6.1E-04	1.8E-07	4.7E-02	1.7E-01	1.5E-09
226	3.7E-04	6.1E-04	1.6E-07	4.7E-02	1.7E-01	1.3E-09
227	3.7E-04	6.1E-04	1.4E-07	4.7E-02	1.7E-01	1.1E-09
228	3.7E-04	6.1E-04	2.2E-07	4.7E-02	1.7E-01	1.8E-09
229	3.7E-04	6.1E-04	2.6E-07	4.7E-02	1.7E-01	2.1E-09
230	3.7E-04	6.1E-04	2.8E-07	4.7E-02	1.7E-01	2.2E-09
231	3.7E-04	6.1E-04	2.9E-07	4.7E-02	1.7E-01	2.3E-09
232	3.7E-04	6.1E-04	2.9E-07	4.7E-02	1.7E-01	2.3E-09
233	3.7E-04	6.1E-04	2.8E-07	4.7E-02	1.7E-01	2.2E-09
234	3.7E-04	6.1E-04	2.6E-07	4.7E-02	1.7E-01	2.1E-09
235	3.7E-04	6.1E-04	2.4E-07	4.7E-02	1.7E-01	1.9E-09
236	3.7E-04	6.1E-04	2.2E-07	4.7E-02	1.7E-01	1.8E-09
237	3.7E-04	6.1E-04	2.0E-07	4.7E-02	1.7E-01	1.6E-09
238	3.7E-04	6.1E-04	1.8E-07	4.7E-02	1.7E-01	1.4E-09
239	3.7E-04	6.1E-04	1.6E-07	4.7E-02	1.7E-01	1.3E-09
240	3.7E-04	6.1E-04	1.4E-07	4.7E-02	1.7E-01	1.1E-09
241	3.7E-04	6.1E-04	1.3E-07	4.7E-02	1.7E-01	1.0E-09
242	3.7E-04	6.1E-04	1.3E-07	4.7E-02	1.7E-01	1.0E-09
243	3.7E-04	6.1E-04	1.5E-07	4.7E-02	1.7E-01	1.2E-09
244	3.7E-04	6.1E-04	1.7E-07	4.7E-02	1.7E-01	1.4E-09
245	3.7E-04	6.1E-04	1.9E-07	4.7E-02	1.7E-01	1.5E-09
246	3.7E-04	6.1E-04	2.1E-07	4.7E-02	1.7E-01	1.7E-09
247	3.7E-04	6.1E-04	2.1E-07	4.7E-02	1.7E-01	1.7E-09
248	3.7E-04	6.1E-04	2.1E-07	4.7E-02	1.7E-01	1.7E-09
249	3.7E-04	6.1E-04	2.1E-07	4.7E-02	1.7E-01	1.7E-09
250	3.7E-04	6.1E-04	2.0E-07	4.7E-02	1.7E-01	1.6E-09
251	3.7E-04	6.1E-04	1.9E-07	4.7E-02	1.7E-01	1.5E-09
252	3.7E-04	6.1E-04	1.7E-07	4.7E-02	1.7E-01	1.4E-09
253	3.7E-04	6.1E-04	1.6E-07	4.7E-02	1.7E-01	1.3E-09
254	3.7E-04	6.1E-04	1.5E-07	4.7E-02	1.7E-01	1.2E-09
255	3.7E-04	6.1E-04	1.4E-07	4.7E-02	1.7E-01	1.1E-09
256	3.7E-04	6.1E-04	1.3E-07	4.7E-02	1.7E-01	1.0E-09
257	3.7E-04	6.1E-04	1.1E-07	4.7E-02	1.7E-01	9.2E-10

MUIR School Project

Risk From P3 - Mitigated Residential

2 to 16

Receptor #	g/sec	D1	Dose	R1	ED	Risk
258	3.7E-04	6.1E-04	1.1E-07	4.7E-02	1.7E-01	8.6E-10
259	3.7E-04	6.1E-04	1.2E-07	4.7E-02	1.7E-01	9.6E-10
260	3.7E-04	6.1E-04	1.5E-07	4.7E-02	1.7E-01	1.2E-09
261	3.7E-04	6.1E-04	1.6E-07	4.7E-02	1.7E-01	1.3E-09
262	3.7E-04	6.1E-04	1.7E-07	4.7E-02	1.7E-01	1.3E-09
263	3.7E-04	6.1E-04	1.6E-07	4.7E-02	1.7E-01	1.3E-09
264	3.7E-04	6.1E-04	1.6E-07	4.7E-02	1.7E-01	1.3E-09
265	3.7E-04	6.1E-04	1.5E-07	4.7E-02	1.7E-01	1.2E-09
266	3.7E-04	6.1E-04	1.5E-07	4.7E-02	1.7E-01	1.2E-09
267	3.7E-04	6.1E-04	1.4E-07	4.7E-02	1.7E-01	1.2E-09
268	3.7E-04	6.1E-04	1.3E-07	4.7E-02	1.7E-01	1.0E-09
269	3.7E-04	6.1E-04	1.2E-07	4.7E-02	1.7E-01	9.7E-10
270	3.7E-04	6.1E-04	1.1E-07	4.7E-02	1.7E-01	9.1E-10
271	3.7E-04	6.1E-04	1.1E-07	4.7E-02	1.7E-01	8.6E-10
272	3.7E-04	6.1E-04	1.0E-07	4.7E-02	1.7E-01	8.1E-10
273	3.7E-04	6.1E-04	1.3E-07	4.7E-02	1.7E-01	1.0E-09
274	3.7E-04	6.1E-04	1.3E-07	4.7E-02	1.7E-01	1.1E-09
275	3.7E-04	6.1E-04	1.3E-07	4.7E-02	1.7E-01	1.1E-09
276	3.7E-04	6.1E-04	1.3E-07	4.7E-02	1.7E-01	1.0E-09
277	3.7E-04	6.1E-04	1.2E-07	4.7E-02	1.7E-01	9.7E-10
278	3.7E-04	6.1E-04	1.2E-07	4.7E-02	1.7E-01	9.5E-10
279	3.7E-04	6.1E-04	1.2E-07	4.7E-02	1.7E-01	9.5E-10
280	3.7E-04	6.1E-04	1.0E-07	4.7E-02	1.7E-01	8.3E-10
281	3.7E-04	6.1E-04	1.0E-07	4.7E-02	1.7E-01	8.0E-10
282	3.7E-04	6.1E-04	9.6E-08	4.7E-02	1.7E-01	7.7E-10
283	3.7E-04	6.1E-04	8.9E-08	4.7E-02	1.7E-01	7.1E-10
284	3.7E-04	6.1E-04	8.6E-08	4.7E-02	1.7E-01	6.9E-10

8. Construction Health Risk
e. Mitigated School Risk

Construction Health Risk
Mitigated School - Assumptions and Risk Summary

MUIR School Project

Mitigated School - Construction Health Risk Assumptions

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1	1	1	1	no units
EF	0.958904	0.958904	0.958904	0.958904	years
Constant 1	0.000001	0.000001	0.000001	0.000001	no units
CPF	1.1	1.1	1.1	1.1	mg/kg-day-1
ASF	10	10	3	1	no units
P1Demo	0.00	0.00	0.04	0.00	years
P1SP	0.00	0.00	0.00	0.00	years
P1G	0.00	0.00	0.00	0.00	years
P1BC	0.00	0.00	0.47	0.00	years
P1P1	0.00	0.00	0.03	0.00	years
P1P2	0.00	0.00	0.03	0.00	years
P2D	0.00	0.00	0.00	0.00	years
P2BC	0.00	0.00	0.37	0.00	years
P2P	0.00	0.00	0.01	0.00	years
P3	0.00	0.00	0.19	0.00	years
AT	70	70	70	70	years
FAH	1	1	1	0.73	day
Constant 2	1,000,000	1,000,000	1,000,000	1,000,000	no units
Dose Constants:	0.000346	0.001045	0.000605	0.00025	no units
Risk Constants:	0.157143	0.157143	0.047143	0.011471	no units

Dose = (Cair X DBR X A X EF X Constant 1)

Cancer Risk = Dose X CPF x ASF x (ED/AT) X FAH

Risk per Million = Cancer Risk X Constant 2

Non-Cancer Hazard Quotent = Average Annual Concentration x Chronic Inhalation REL

Onsite	lbs/day	g/day	g/sec
P1Demo	0.0375	17.009714	0.0003937
P1SP	0	0	0
P1G	0	0	0
P1BC	0.0177	8.0285849	0.0001858
P1P1	0.0121143	5.4949476	0.0001272
P1P2	0.0302857	13.737369	0.000318
P2D	0	0	0
P2BC	0.0124726	5.6574728	0.000131
P2P	0.032	14.514956	0.000336
P3	0.0354118	16.062506	0.0003718

MUIR School Project

Mitigated School - Construction Health Risk Assumptions

Source Name	Description
P1Demo	Phase 1 Demolition of buildings and existing hardscape
P1SP	Phase 1 Site Preparation of areas north, east and south of soccer field
P1G	Phase 1 Grading of new building area and areas north and south of the soccer field
P1BC	Phase 1 construction of new building and architectural coating application
P1P1	Hardscape/paving of area south of the soccer field
P1P2	Hardscape/paving of area north and west of the soccer field
P2D	Phase 2 Demolition and grading activities
P2BC	Phase 2 Building construction and architectural coating activities
P2P	Phase 2 Paving activities
P3	Phase 3 Demolition, grading and paving activities

Construction activities can occur between 7 am and 7 pm Monday through Friday.

Receptor Designations

Residential #43 to 284

School

EOS	#1-13	Building use discontinued after Phase 1
POS	#14-34	Buildings onsite that are not removed
NOS	#34-42	Buildings onsite that are used after Phase 1

For school receptors risk for onsite receptors is determined by taking the max of the following scenarios

1. Sum of risk from all 3 phases for the POS receptors.
2. Max of EOS receptor for Phase 1 and NOS receptors for Phase 2 & 3
3. Max of EOS receptors for Phase 1 & 2 and NOS receptors for Phase 3

School Activity Assumptions

1. School is closed to students between the end of the 3rd week of june and the Monday before Labor Day
2. School is closed to students for the 3rd week in November
3. School is closed to students for 2 weeks December/January for Winter Break
4. School is closed to students for Spring Break the last week of March
5. The analysis conservately does not incoroprate days off for minor holidays or other school related day's off.

MUIR School Project
Mitigated School - Emissions

Phase	Start	End	# days	lbs/day PM10
Phase 1				
Demolition	06/01/20	06/26/20	20	0.0375
Site Preparation	06/27/20	07/01/20	3	0.0401
Grading	07/02/20	07/09/20	6	0.0336
Building Construction	07/10/20	05/13/21	220	0.0177
Paving	05/14/21	05/27/21	10	0.0424
Architectural Coating	05/28/21	06/10/21	10	0.00396
Phase 2				
Demolition	07/01/21	08/11/21	30	0.0375
Grading	08/12/21	08/19/21	6	0.023
Building Construction	09/01/21	05/03/22	150	0.0128
Paving	09/01/21	09/07/21	5	0.032
Architectural Coating	05/01/22	05/06/22	5	0.00396
Phase 3				
Demolition	07/01/22	11/03/22	90	0.0375
Grading	11/04/22	11/08/22	6	0.023
Paving	11/12/22	11/25/22	10	0.032

Source: *ESA Caleemod Modeling Spreadsheet*

Source	# Volume Sources	% Volume Sources
P1P1	10	0.28571429
P1P2	25	0.71428571

First day of School*

2020-2021	8/24/2020
2021-2022	8/23/3021
2022-2023	8/22/2023

*approximated based on current schedule

Last day of school*

2019-2020	6/19/2020
2020-2021	6/18/2021
2021-2022	6/17/2022

*approximated based on current schedule

Residential Risk

CalEEMod Phase	Start	End	Days	3rd	B-2	2-16 6/1/2022 - 12/31/2022	Lbs/day	Source
Phase 1								
Demolition	6/1/2020	6/26/2020	20	0	0	15	0.0375	P1Demo
Site Preparation	6/27/2020	7/1/2020	3	0	0	0	0.0401	P1SP
Grading	7/2/2020	7/9/2020	6	0	0	0	0.0336	P1G
Building Construction	7/10/2020	5/13/2021	220	0	0	163	0.0177	P1BC
Paving	5/14/2021	5/27/2021	10	0	0	10	0.0424	P1P1, P1P2
Architectural Coating	5/28/2021	6/10/2021	10	0	0	10	0.00396	P1BC
Phase 2								
Demolition	7/1/2021	8/11/2021	30	0	0	0	0.0375	P2D
Grading	8/12/2021	8/19/2021	6	0	0	0	0.023	P2D
Building Construction	9/1/2021	5/3/2022	150	0	0	130	0.0128	P2BC
Paving	9/1/2021	9/7/2021	5	0	0	5	0.032	P2P
Architectural Coating	5/1/2022	5/6/2022	5	0	0	5	0.00396	P2BC
Phase 3								
Demolition	7/1/2022	11/3/2022	90	0	0	52	0.0375	P3
Grading	11/4/2022	11/8/2022	6	0	0	6	0.023	P3
Paving	11/12/2022	11/25/2022	10	0	0	10	0.032	P3

Source	Days 3rd	Average lbs/day	Days B-2	Total Lbs B-2	Average lbs/day	Days 2-16	Total lbs 2-16	Average lbs/day
P1Demo	0	-	0		-	15	-	**0.0375**
P1SP	0	-	0		-	0	-	**0**
P1G	0	-	0		-	0	-	**0**
P1BC	0	-	0		-	173	-	**0.0177**
P1P1	0	-	0		-	10	0.1211429	**0.01211429**
P1P2	0	-	0		-	10	0.3028571	**0.03028571**
P2D	0	-	0		-	0	-	**0**
P2BC	0	-	0		-	135	1.6838	**0.01247259**
P2P	0	-	0		-	5	-	**0.032**
P3	0	-	0		-	68	2.408	**0.03541176**

MUIR School Project

Mitigated School - Construction Cancer Risk Summary

33	35	35	Receptor
0.70	**0.27**	**0.27**	**Max**

33	Receptor
0.70	**Max**

Receptor #	X	Y		S1 Total	S2 Total	S3 Total	P1 total	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2 Total	P2D	P2BC	P2P	P3
1	378660	3782755	EOS		0.10	0.11	0.10	0.01	0.00	0.00	0.08	0.00	0.00	0.01	0.00	0.01	0.00	0.20
2	378710	3782755	EOS		0.15	0.16	0.15	0.02	0.00	0.00	0.13	0.00	0.00	0.01	0.00	0.01	0.00	0.32
3	378760	3782755	EOS		0.10	0.10	0.10	0.01	0.00	0.00	0.08	0.00	0.00	0.01	0.00	0.01	0.00	0.27
4	378810	3782755	EOS		0.09	0.10	0.09	0.01	0.00	0.00	0.08	0.00	0.00	0.01	0.00	0.01	0.00	0.27
5	378860	3782755	EOS		0.09	0.10	0.09	0.01	0.00	0.00	0.07	0.00	0.00	0.01	0.00	0.01	0.00	0.28
6	378910	3782755	EOS		0.08	0.09	0.08	0.01	0.00	0.00	0.07	0.00	0.00	0.01	0.00	0.01	0.00	0.30
7	378960	3782755	EOS		0.08	0.09	0.08	0.01	0.00	0.00	0.06	0.00	0.00	0.01	0.00	0.01	0.00	0.22
8	379010	3782755	EOS		0.07	0.09	0.07	0.01	0.00	0.00	0.06	0.00	0.00	0.02	0.00	0.02	0.00	0.23
9	378660	3782805	EOS		0.14	0.15	0.14	0.02	0.00	0.00	0.12	0.00	0.00	0.01	0.00	0.01	0.00	0.32
10	378710	3782805	EOS		0.13	0.14	0.13	0.02	0.00	0.00	0.11	0.00	0.00	0.01	0.00	0.01	0.00	0.36
11	378760	3782805	EOS		0.11	0.13	0.11	0.02	0.00	0.00	0.09	0.00	0.00	0.01	0.00	0.01	0.00	0.30
12	378810	3782805	EOS		0.11	0.12	0.11	0.02	0.00	0.00	0.09	0.00	0.01	0.02	0.00	0.02	0.00	0.26
13	378860	3782805	EOS		0.10	0.12	0.10	0.02	0.00	0.00	0.08	0.00	0.01	0.02	0.00	0.02	0.00	0.24
14	378910	3782805	POS		0.07	0.09	0.07	0.01	0.00	0.00	0.05	0.00	0.00	0.02	0.00	0.02	0.00	0.22
15	378960	3782805	POS	0.48			0.13	0.02	0.00	0.00	0.10	0.00	0.01	0.02	0.00	0.02	0.00	0.33
16	378610	3782855	POS	0.48			0.23	0.04	0.00	0.00	0.17	0.00	0.02	0.03	0.00	0.03	0.00	0.22
17	378660	3782855	POS	0.33			0.16	0.04	0.00	0.00	0.09	0.00	0.02	0.05	0.00	0.05	0.00	0.12
18	378710	3782855	POS	0.29			0.10	0.03	0.00	0.00	0.06	0.00	0.02	0.11	0.00	0.11	0.00	0.07
19	378760	3782855	POS	0.22			0.07	0.01	0.00	0.00	0.04	0.00	0.01	0.08	0.00	0.07	0.00	0.08
20	378810	3782855	POS	0.24			0.05	0.01	0.00	0.00	0.03	0.00	0.01	0.14	0.00	0.14	0.00	0.05
21	378860	3782855	POS	0.32			0.05	0.01	0.00	0.00	0.03	0.00	0.01	0.24	0.00	0.23	0.01	0.04
22	378910	3782855	POS	0.33			0.04	0.01	0.00	0.00	0.02	0.00	0.01	0.26	0.00	0.25	0.01	0.03
23	379160	3782855	POS	0.14			0.03	0.01	0.00	0.00	0.02	0.00	0.00	0.09	0.00	0.08	0.00	0.03
24	379210	3782855	POS	0.15			0.03	0.01	0.00	0.00	0.02	0.00	0.00	0.09	0.00	0.08	0.00	0.03
25	378610	3782905	POS	0.15			0.04	0.01	0.00	0.00	0.03	0.00	0.00	0.07	0.00	0.07	0.00	0.04
26	378660	3782905	POS	0.16			0.05	0.01	0.00	0.00	0.03	0.00	0.01	0.05	0.00	0.05	0.00	0.06
27	378710	3782905	POS	0.18			0.06	0.01	0.00	0.00	0.04	0.00	0.01	0.03	0.00	0.03	0.00	0.09
28	378760	3782905	POS	0.23			0.06	0.01	0.00	0.00	0.05	0.00	0.01	0.03	0.00	0.02	0.00	0.14
29	378810	3782905	POS	0.38			0.08	0.02	0.00	0.00	0.04	0.00	0.02	0.26	0.00	0.25	0.01	0.03
30	378860	3782905	POS	0.50			0.07	0.02	0.00	0.00	0.04	0.00	0.02	0.39	0.00	0.38	0.01	0.04
31	379060	3782905	POS	0.38			0.05	0.01	0.00	0.00	0.03	0.00	0.01	0.31	0.00	0.29	0.02	0.03
32	379110	3782905	POS	0.31			0.05	0.01	0.00	0.00	0.03	0.00	0.01	0.23	0.00	0.21	0.02	0.03
33	379160	3782905	POS	0.70			0.38	0.04	0.00	0.00	0.33	0.00	0.00	0.01	0.00	0.01	0.00	0.31
34	379210	3782905	NOS	0.60			0.26	0.04	0.00	0.00	0.21	0.00	0.01	0.02	0.00	0.02	0.00	0.32
35	379260	3782905	NOS		0.27	0.27	0.26	0.03	0.00	0.00	0.23	0.00	0.00	0.01	0.00	0.01	0.00	0.27
36	378560	3782955	NOS		0.22	0.22	0.26	0.03	0.00	0.00	0.22	0.00	0.00	0.01	0.00	0.01	0.00	0.22
37	378610	3782955	NOS		0.09	0.09	0.37	0.05	0.00	0.00	0.31	0.01	0.00	0.01	0.00	0.01	0.00	0.09
38	378660	3782955	NOS		0.12	0.11	0.46	0.06	0.00	0.00	0.39	0.01	0.01	0.01	0.00	0.01	0.00	0.11
39	378710	3782955	NOS		0.12	0.10	0.40	0.05	0.00	0.00	0.32	0.00	0.02	0.02	0.00	0.02	0.00	0.10
40	378760	3782955	NOS		0.18	0.16	0.31	0.05	0.00	0.00	0.25	0.00	0.02	0.02	0.00	0.02	0.00	0.16
41	378810	3782955	NOS		0.19	0.18	0.41	0.04	0.00	0.00	0.36	0.00	0.01	0.01	0.00	0.01	0.00	0.18
42	379010	3782955	NOS		0.16	0.15	0.46	0.05	0.00	0.00	0.39	0.00	0.00	0.01	0.00	0.01	0.00	0.15

MUIR School Project

Mitigated School - Construction Health Impact Assessment

33	Receptor
0.01	Max

Receptor #	Max	P1Demo	P1SP	P1G	P1BC	P1P1	P1P2	P2D	P2BC	P2P	P3
1	6.24E-03	0.001062	0	0	0.000657	0.000136	0.00025	0	6.65E-05	0.000107	0.003957
2	9.42E-03	0.001555	0	0	0.000999	0.000166	0.000292	0	7.16E-05	0.000113	0.00622
3	7.58E-03	0.001048	0	0	0.000627	0.000131	0.000295	0	7.71E-05	0.000119	0.005284
4	7.57E-03	0.001026	0	0	0.000582	0.000125	0.000352	0	9.14E-05	0.000136	0.00526
5	7.78E-03	0.001008	0	0	0.000546	0.00012	0.000397	0	0.000105	0.000151	0.005455
6	8.35E-03	0.000999	0	0	0.000513	0.000115	0.000451	0	0.000119	0.000166	0.005989
7	6.75E-03	0.000967	0	0	0.000473	0.000109	0.000487	0	0.000134	0.000182	0.004398
8	7.01E-03	0.000957	0	0	0.000434	0.000103	0.000557	0	0.000158	0.000206	0.004592
9	9.53E-03	0.00152	0	0	0.000944	0.000162	0.000351	0	8.3E-05	0.000126	0.006339
10	1.03E-02	0.001426	0	0	0.000827	0.000153	0.000435	0	9.97E-05	0.000145	0.007186
11	8.97E-03	0.001373	0	0	0.000728	0.000141	0.000544	0	0.000122	0.000168	0.005897
12	8.40E-03	0.001374	0	0	0.000661	0.000133	0.000676	0	0.00015	0.000196	0.005214
13	8.02E-03	0.001392	0	0	0.000605	0.000125	0.000822	0	0.000185	0.000227	0.004667
14	6.90E-03	0.000966	0	0	0.00042	0.000101	0.000602	0	0.000179	0.000224	0.004411
15	1.10E-02	0.001917	0	0	0.000748	0.00014	0.001262	0	0.000227	0.000261	0.006474
16	1.24E-02	0.003419	0	0	0.001324	0.000184	0.002657	0	0.000252	0.00028	0.004314
17	1.09E-02	0.00349	0	0	0.000733	0.000143	0.003169	0	0.00049	0.000425	0.002409
18	8.70E-03	0.002347	0	0	0.000455	0.000113	0.002535	0	0.001116	0.000679	0.001453
19	5.88E-03	0.001319	0	0	0.000346	9.28E-05	0.001341	0	0.000733	0.000562	0.001481
20	5.57E-03	0.000994	0	0	0.000264	7.97E-05	0.001053	0	0.001348	0.000849	0.000984
21	6.73E-03	0.00085	0	0	0.000224	7.32E-05	0.000961	0	0.002295	0.001604	0.000726
22	7.31E-03	0.000695	0	0	0.000193	6.68E-05	0.000798	0	0.002492	0.002471	0.000598
23	3.60E-03	0.000477	0	0	0.000155	5.53E-05	0.00049	0	0.00084	0.001056	0.000529
24	3.66E-03	0.000545	0	0	0.000175	5.98E-05	0.000549	0	0.000834	0.000862	0.000636
25	3.68E-03	0.000645	0	0	0.000208	6.65E-05	0.000624	0	0.00066	0.000625	0.000847
26	4.03E-03	0.000793	0	0	0.00026	7.6E-05	0.000724	0	0.000461	0.000452	0.001265
27	4.53E-03	0.000874	0	0	0.000307	8.39E-05	0.00073	0	0.00033	0.000351	0.001854
28	5.31E-03	0.000914	0	0	0.00035	9.05E-05	0.000689	0	0.000248	0.000285	0.002731
29	1.03E-02	0.001611	0	0	0.000321	0.000105	0.002795	0	0.002501	0.002273	0.000687
30	1.11E-02	0.001552	0	0	0.000306	9.84E-05	0.002307	0	0.003754	0.00234	0.000718
31	1.15E-02	0.000844	0	0	0.000212	7.74E-05	0.001236	0	0.002849	0.005735	0.000511
32	1.17E-02	0.000879	0	0	0.000221	8.24E-05	0.001428	0	0.002051	0.006516	0.000494
33	1.37E-02	0.00386	0	0	0.002553	0.000292	0.000532	0	9.72E-05	0.000143	0.006189
34	1.31E-02	0.003332	0	0	0.001642	0.000215	0.001219	0	0.000163	0.000208	0.006334
35	1.04E-02	0.002452	0	0	0.001797	0.000328	0.000342	0	7.23E-05	0.000115	0.005262
36	9.50E-03	0.002743	0	0	0.001742	0.000308	0.000289	0	6.48E-05	0.000105	0.00425
37	1.02E-02	0.004247	0	0	0.002401	0.001367	0.000338	0	6.71E-05	0.00011	0.001698
38	1.22E-02	0.005075	0	0	0.003029	0.000707	0.000973	0	0.000122	0.000176	0.002108
39	1.28E-02	0.004908	0	0	0.002505	0.000336	0.002597	0	0.000236	0.000282	0.001963
40	1.21E-02	0.0041	0	0	0.001923	0.000258	0.002271	0	0.000229	0.000267	0.0031
41	1.19E-02	0.003952	0	0	0.002787	0.000426	0.000844	0	0.000118	0.000167	0.003561
42	1.21E-02	0.004755	0	0	0.003061	0.000593	0.000414	0	7.82E-05	0.000123	0.003036

Risk Calculations

MUIR School Project

Risk From P1Demo - Mitigated School

0.06

0.06

2-16

Receptor #	Conc	Total/ Million	Total	g/sec	D1	Dose	R1	ED	Risk
1	13.4881	0.01	1.2E-08	3.9E-04	3.5E-04	1.8E-06	1.6E-01	4.1E-02	1.2E-08
2	19.74622	0.02	1.7E-08	3.9E-04	3.5E-04	2.7E-06	1.6E-01	4.1E-02	1.7E-08
3	13.30387	0.01	1.2E-08	3.9E-04	3.5E-04	1.8E-06	1.6E-01	4.1E-02	1.2E-08
4	13.02484	0.01	1.1E-08	3.9E-04	3.5E-04	1.8E-06	1.6E-01	4.1E-02	1.1E-08
5	12.80166	0.01	1.1E-08	3.9E-04	3.5E-04	1.7E-06	1.6E-01	4.1E-02	1.1E-08
6	12.68622	0.01	1.1E-08	3.9E-04	3.5E-04	1.7E-06	1.6E-01	4.1E-02	1.1E-08
7	12.28112	0.01	1.1E-08	3.9E-04	3.5E-04	1.7E-06	1.6E-01	4.1E-02	1.1E-08
8	12.15254	0.01	1.1E-08	3.9E-04	3.5E-04	1.7E-06	1.6E-01	4.1E-02	1.1E-08
9	19.30039	0.02	1.7E-08	3.9E-04	3.5E-04	2.6E-06	1.6E-01	4.1E-02	1.7E-08
10	18.10949	0.02	1.6E-08	3.9E-04	3.5E-04	2.5E-06	1.6E-01	4.1E-02	1.6E-08
11	17.43624	0.02	1.5E-08	3.9E-04	3.5E-04	2.4E-06	1.6E-01	4.1E-02	1.5E-08
12	17.44989	0.02	1.5E-08	3.9E-04	3.5E-04	2.4E-06	1.6E-01	4.1E-02	1.5E-08
13	17.67588	0.02	1.6E-08	3.9E-04	3.5E-04	2.4E-06	1.6E-01	4.1E-02	1.6E-08
14	12.26523	0.01	1.1E-08	3.9E-04	3.5E-04	1.7E-06	1.6E-01	4.1E-02	1.1E-08
15	24.33765	0.02	2.1E-08	3.9E-04	3.5E-04	3.3E-06	1.6E-01	4.1E-02	2.1E-08
16	43.42235	0.04	3.8E-08	3.9E-04	3.5E-04	5.9E-06	1.6E-01	4.1E-02	3.8E-08
17	44.32248	0.04	3.9E-08	3.9E-04	3.5E-04	6.0E-06	1.6E-01	4.1E-02	3.9E-08
18	29.8038	0.03	2.6E-08	3.9E-04	3.5E-04	4.1E-06	1.6E-01	4.1E-02	2.6E-08
19	16.74576	0.01	1.5E-08	3.9E-04	3.5E-04	2.3E-06	1.6E-01	4.1E-02	1.5E-08
20	12.61633	0.01	1.1E-08	3.9E-04	3.5E-04	1.7E-06	1.6E-01	4.1E-02	1.1E-08
21	10.78866	0.01	9.5E-09	3.9E-04	3.5E-04	1.5E-06	1.6E-01	4.1E-02	9.5E-09
22	8.82168	0.01	7.8E-09	3.9E-04	3.5E-04	1.2E-06	1.6E-01	4.1E-02	7.8E-09
23	6.05667	0.01	5.3E-09	3.9E-04	3.5E-04	8.3E-07	1.6E-01	4.1E-02	5.3E-09
24	6.91674	0.01	6.1E-09	3.9E-04	3.5E-04	9.4E-07	1.6E-01	4.1E-02	6.1E-09
25	8.1927	0.01	7.2E-09	3.9E-04	3.5E-04	1.1E-06	1.6E-01	4.1E-02	7.2E-09
26	10.06596	0.01	8.9E-09	3.9E-04	3.5E-04	1.4E-06	1.6E-01	4.1E-02	8.9E-09
27	11.09496	0.01	9.8E-09	3.9E-04	3.5E-04	1.5E-06	1.6E-01	4.1E-02	9.8E-09
28	11.61089	0.01	1.0E-08	3.9E-04	3.5E-04	1.6E-06	1.6E-01	4.1E-02	1.0E-08
29	20.45505	0.02	1.8E-08	3.9E-04	3.5E-04	2.8E-06	1.6E-01	4.1E-02	1.8E-08
30	19.70394	0.02	1.7E-08	3.9E-04	3.5E-04	2.7E-06	1.6E-01	4.1E-02	1.7E-08
31	10.71859	0.01	9.4E-09	3.9E-04	3.5E-04	1.5E-06	1.6E-01	4.1E-02	9.4E-09
32	11.15707	0.01	9.8E-09	3.9E-04	3.5E-04	1.5E-06	1.6E-01	4.1E-02	9.8E-09
33	49.02157	0.04	4.3E-08	3.9E-04	3.5E-04	6.7E-06	1.6E-01	4.1E-02	4.3E-08
34	42.31428	0.04	3.7E-08	3.9E-04	3.5E-04	5.8E-06	1.6E-01	4.1E-02	3.7E-08
35	31.13602	0.03	2.7E-08	3.9E-04	3.5E-04	4.2E-06	1.6E-01	4.1E-02	2.7E-08
36	34.83044	0.03	3.1E-08	3.9E-04	3.5E-04	4.7E-06	1.6E-01	4.1E-02	3.1E-08
37	53.92903	0.05	4.7E-08	3.9E-04	3.5E-04	7.4E-06	1.6E-01	4.1E-02	4.7E-08
38	64.44266	0.06	5.7E-08	3.9E-04	3.5E-04	8.8E-06	1.6E-01	4.1E-02	5.7E-08
39	62.31996	0.05	5.5E-08	3.9E-04	3.5E-04	8.5E-06	1.6E-01	4.1E-02	5.5E-08
40	52.06413	0.05	4.6E-08	3.9E-04	3.5E-04	7.1E-06	1.6E-01	4.1E-02	4.6E-08
41	50.18899	0.04	4.4E-08	3.9E-04	3.5E-04	6.8E-06	1.6E-01	4.1E-02	4.4E-08
42	60.38624	0.05	5.3E-08	3.9E-04	3.5E-04	8.2E-06	1.6E-01	4.1E-02	5.3E-08

MUIR School Project

Risk From P1BC - Mitigated School

	Max	0.39					2-16		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	17.68206	0.08	8.5E-08	1.9E-04	3.5E-04	1.1E-06	1.6E-01	4.7E-01	8.5E-08
2	26.87243	0.13	1.3E-07	1.9E-04	3.5E-04	1.7E-06	1.6E-01	4.7E-01	1.3E-07
3	16.88087	0.08	8.1E-08	1.9E-04	3.5E-04	1.1E-06	1.6E-01	4.7E-01	8.1E-08
4	15.66421	0.08	7.5E-08	1.9E-04	3.5E-04	1.0E-06	1.6E-01	4.7E-01	7.5E-08
5	14.69172	0.07	7.0E-08	1.9E-04	3.5E-04	9.5E-07	1.6E-01	4.7E-01	7.0E-08
6	13.80271	0.07	6.6E-08	1.9E-04	3.5E-04	8.9E-07	1.6E-01	4.7E-01	6.6E-08
7	12.71824	0.06	6.1E-08	1.9E-04	3.5E-04	8.2E-07	1.6E-01	4.7E-01	6.1E-08
8	11.68717	0.06	5.6E-08	1.9E-04	3.5E-04	7.5E-07	1.6E-01	4.7E-01	5.6E-08
9	25.40697	0.12	1.2E-07	1.9E-04	3.5E-04	1.6E-06	1.6E-01	4.7E-01	1.2E-07
10	22.25521	0.11	1.1E-07	1.9E-04	3.5E-04	1.4E-06	1.6E-01	4.7E-01	1.1E-07
11	19.59625	0.09	9.4E-08	1.9E-04	3.5E-04	1.3E-06	1.6E-01	4.7E-01	9.4E-08
12	17.78901	0.09	8.5E-08	1.9E-04	3.5E-04	1.1E-06	1.6E-01	4.7E-01	8.5E-08
13	16.28733	0.08	7.8E-08	1.9E-04	3.5E-04	1.0E-06	1.6E-01	4.7E-01	7.8E-08
14	11.30611	0.05	5.4E-08	1.9E-04	3.5E-04	7.3E-07	1.6E-01	4.7E-01	5.4E-08
15	20.13137	0.10	9.6E-08	1.9E-04	3.5E-04	1.3E-06	1.6E-01	4.7E-01	9.6E-08
16	35.62392	0.17	1.7E-07	1.9E-04	3.5E-04	2.3E-06	1.6E-01	4.7E-01	1.7E-07
17	19.7152	0.09	9.4E-08	1.9E-04	3.5E-04	1.3E-06	1.6E-01	4.7E-01	9.4E-08
18	12.24842	0.06	5.9E-08	1.9E-04	3.5E-04	7.9E-07	1.6E-01	4.7E-01	5.9E-08
19	9.3103	0.04	4.5E-08	1.9E-04	3.5E-04	6.0E-07	1.6E-01	4.7E-01	4.5E-08
20	7.11453	0.03	3.4E-08	1.9E-04	3.5E-04	4.6E-07	1.6E-01	4.7E-01	3.4E-08
21	6.03193	0.03	2.9E-08	1.9E-04	3.5E-04	3.9E-07	1.6E-01	4.7E-01	2.9E-08
22	5.19965	0.02	2.5E-08	1.9E-04	3.5E-04	3.3E-07	1.6E-01	4.7E-01	2.5E-08
23	4.17079	0.02	2.0E-08	1.9E-04	3.5E-04	2.7E-07	1.6E-01	4.7E-01	2.0E-08
24	4.70789	0.02	2.3E-08	1.9E-04	3.5E-04	3.0E-07	1.6E-01	4.7E-01	2.3E-08
25	5.58565	0.03	2.7E-08	1.9E-04	3.5E-04	3.6E-07	1.6E-01	4.7E-01	2.7E-08
26	6.9919	0.03	3.4E-08	1.9E-04	3.5E-04	4.5E-07	1.6E-01	4.7E-01	3.4E-08
27	8.27011	0.04	4.0E-08	1.9E-04	3.5E-04	5.3E-07	1.6E-01	4.7E-01	4.0E-08
28	9.41737	0.05	4.5E-08	1.9E-04	3.5E-04	6.1E-07	1.6E-01	4.7E-01	4.5E-08
29	8.64671	0.04	4.1E-08	1.9E-04	3.5E-04	5.6E-07	1.6E-01	4.7E-01	4.1E-08
30	8.23807	0.04	3.9E-08	1.9E-04	3.5E-04	5.3E-07	1.6E-01	4.7E-01	3.9E-08
31	5.70798	0.03	2.7E-08	1.9E-04	3.5E-04	3.7E-07	1.6E-01	4.7E-01	2.7E-08
32	5.9543	0.03	2.9E-08	1.9E-04	3.5E-04	3.8E-07	1.6E-01	4.7E-01	2.9E-08
33	68.68057	0.33	3.3E-07	1.9E-04	3.5E-04	4.4E-06	1.6E-01	4.7E-01	3.3E-07
34	44.16969	0.21	2.1E-07	1.9E-04	3.5E-04	2.8E-06	1.6E-01	4.7E-01	2.1E-07
35	48.33874	0.23	2.3E-07	1.9E-04	3.5E-04	3.1E-06	1.6E-01	4.7E-01	2.3E-07
36	46.87076	0.22	2.2E-07	1.9E-04	3.5E-04	3.0E-06	1.6E-01	4.7E-01	2.2E-07
37	64.59199	0.31	3.1E-07	1.9E-04	3.5E-04	4.2E-06	1.6E-01	4.7E-01	3.1E-07
38	81.49201	0.39	3.9E-07	1.9E-04	3.5E-04	5.2E-06	1.6E-01	4.7E-01	3.9E-07
39	67.38663	0.32	3.2E-07	1.9E-04	3.5E-04	4.3E-06	1.6E-01	4.7E-01	3.2E-07
40	51.72521	0.25	2.5E-07	1.9E-04	3.5E-04	3.3E-06	1.6E-01	4.7E-01	2.5E-07
41	74.97483	0.36	3.6E-07	1.9E-04	3.5E-04	4.8E-06	1.6E-01	4.7E-01	3.6E-07
42	82.35214	0.39	3.9E-07	1.9E-04	3.5E-04	5.3E-06	1.6E-01	4.7E-01	3.9E-07

MUIR School Project

Risk From P1P1 - Mitigated School

	Max	0.01					2-16		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	5.34542	0.00	1.0E-09	1.3E-04	3.5E-04	2.4E-07	1.6E-01	2.7E-02	1.0E-09
2	6.53105	0.00	1.2E-09	1.3E-04	3.5E-04	2.9E-07	1.6E-01	2.7E-02	1.2E-09
3	5.15193	0.00	9.8E-10	1.3E-04	3.5E-04	2.3E-07	1.6E-01	2.7E-02	9.8E-10
4	4.91399	0.00	9.3E-10	1.3E-04	3.5E-04	2.2E-07	1.6E-01	2.7E-02	9.3E-10
5	4.72168	0.00	9.0E-10	1.3E-04	3.5E-04	2.1E-07	1.6E-01	2.7E-02	9.0E-10
6	4.52382	0.00	8.6E-10	1.3E-04	3.5E-04	2.0E-07	1.6E-01	2.7E-02	8.6E-10
7	4.29462	0.00	8.1E-10	1.3E-04	3.5E-04	1.9E-07	1.6E-01	2.7E-02	8.1E-10
8	4.05698	0.00	7.7E-10	1.3E-04	3.5E-04	1.8E-07	1.6E-01	2.7E-02	7.7E-10
9	6.3843	0.00	1.2E-09	1.3E-04	3.5E-04	2.8E-07	1.6E-01	2.7E-02	1.2E-09
10	5.99545	0.00	1.1E-09	1.3E-04	3.5E-04	2.6E-07	1.6E-01	2.7E-02	1.1E-09
11	5.56088	0.00	1.1E-09	1.3E-04	3.5E-04	2.4E-07	1.6E-01	2.7E-02	1.1E-09
12	5.21211	0.00	9.9E-10	1.3E-04	3.5E-04	2.3E-07	1.6E-01	2.7E-02	9.9E-10
13	4.9222	0.00	9.3E-10	1.3E-04	3.5E-04	2.2E-07	1.6E-01	2.7E-02	9.3E-10
14	3.9766	0.00	7.5E-10	1.3E-04	3.5E-04	1.8E-07	1.6E-01	2.7E-02	7.5E-10
15	5.51565	0.00	1.0E-09	1.3E-04	3.5E-04	2.4E-07	1.6E-01	2.7E-02	1.0E-09
16	7.241	0.00	1.4E-09	1.3E-04	3.5E-04	3.2E-07	1.6E-01	2.7E-02	1.4E-09
17	5.62077	0.00	1.1E-09	1.3E-04	3.5E-04	2.5E-07	1.6E-01	2.7E-02	1.1E-09
18	4.45699	0.00	8.4E-10	1.3E-04	3.5E-04	2.0E-07	1.6E-01	2.7E-02	8.4E-10
19	3.64975	0.00	6.9E-10	1.3E-04	3.5E-04	1.6E-07	1.6E-01	2.7E-02	6.9E-10
20	3.13268	0.00	5.9E-10	1.3E-04	3.5E-04	1.4E-07	1.6E-01	2.7E-02	5.9E-10
21	2.87834	0.00	5.5E-10	1.3E-04	3.5E-04	1.3E-07	1.6E-01	2.7E-02	5.5E-10
22	2.62428	0.00	5.0E-10	1.3E-04	3.5E-04	1.2E-07	1.6E-01	2.7E-02	5.0E-10
23	2.17396	0.00	4.1E-10	1.3E-04	3.5E-04	9.6E-08	1.6E-01	2.7E-02	4.1E-10
24	2.3519	0.00	4.5E-10	1.3E-04	3.5E-04	1.0E-07	1.6E-01	2.7E-02	4.5E-10
25	2.61509	0.00	5.0E-10	1.3E-04	3.5E-04	1.2E-07	1.6E-01	2.7E-02	5.0E-10
26	2.98836	0.00	5.7E-10	1.3E-04	3.5E-04	1.3E-07	1.6E-01	2.7E-02	5.7E-10
27	3.29951	0.00	6.3E-10	1.3E-04	3.5E-04	1.5E-07	1.6E-01	2.7E-02	6.3E-10
28	3.55566	0.00	6.7E-10	1.3E-04	3.5E-04	1.6E-07	1.6E-01	2.7E-02	6.7E-10
29	4.14233	0.00	7.9E-10	1.3E-04	3.5E-04	1.8E-07	1.6E-01	2.7E-02	7.9E-10
30	3.86789	0.00	7.3E-10	1.3E-04	3.5E-04	1.7E-07	1.6E-01	2.7E-02	7.3E-10
31	3.04216	0.00	5.8E-10	1.3E-04	3.5E-04	1.3E-07	1.6E-01	2.7E-02	5.8E-10
32	3.23854	0.00	6.1E-10	1.3E-04	3.5E-04	1.4E-07	1.6E-01	2.7E-02	6.1E-10
33	11.47502	0.00	2.2E-09	1.3E-04	3.5E-04	5.1E-07	1.6E-01	2.7E-02	2.2E-09
34	8.46439	0.00	1.6E-09	1.3E-04	3.5E-04	3.7E-07	1.6E-01	2.7E-02	1.6E-09
35	12.91023	0.00	2.4E-09	1.3E-04	3.5E-04	5.7E-07	1.6E-01	2.7E-02	2.4E-09
36	12.08806	0.00	2.3E-09	1.3E-04	3.5E-04	5.3E-07	1.6E-01	2.7E-02	2.3E-09
37	53.75325	0.01	1.0E-08	1.3E-04	3.5E-04	2.4E-06	1.6E-01	2.7E-02	1.0E-08
38	27.8098	0.01	5.3E-09	1.3E-04	3.5E-04	1.2E-06	1.6E-01	2.7E-02	5.3E-09
39	13.1981	0.00	2.5E-09	1.3E-04	3.5E-04	5.8E-07	1.6E-01	2.7E-02	2.5E-09
40	10.12387	0.00	1.9E-09	1.3E-04	3.5E-04	4.5E-07	1.6E-01	2.7E-02	1.9E-09
41	16.75586	0.00	3.2E-09	1.3E-04	3.5E-04	7.4E-07	1.6E-01	2.7E-02	3.2E-09
42	23.32596	0.00	4.4E-09	1.3E-04	3.5E-04	1.0E-06	1.6E-01	2.7E-02	4.4E-09

MUIR School Project

Risk From P1P2 - Mitigated School

	Max	0.02					2-16		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	3.93318	0.00	1.9E-09	3.2E-04	3.5E-04	4.3E-07	1.6E-01	2.7E-02	1.9E-09
2	4.59663	0.00	2.2E-09	3.2E-04	3.5E-04	5.1E-07	1.6E-01	2.7E-02	2.2E-09
3	4.63221	0.00	2.2E-09	3.2E-04	3.5E-04	5.1E-07	1.6E-01	2.7E-02	2.2E-09
4	5.54001	0.00	2.6E-09	3.2E-04	3.5E-04	6.1E-07	1.6E-01	2.7E-02	2.6E-09
5	6.24304	0.00	3.0E-09	3.2E-04	3.5E-04	6.9E-07	1.6E-01	2.7E-02	3.0E-09
6	7.0856	0.00	3.4E-09	3.2E-04	3.5E-04	7.8E-07	1.6E-01	2.7E-02	3.4E-09
7	7.66485	0.00	3.6E-09	3.2E-04	3.5E-04	8.4E-07	1.6E-01	2.7E-02	3.6E-09
8	8.75423	0.00	4.1E-09	3.2E-04	3.5E-04	9.6E-07	1.6E-01	2.7E-02	4.1E-09
9	5.51862	0.00	2.6E-09	3.2E-04	3.5E-04	6.1E-07	1.6E-01	2.7E-02	2.6E-09
10	6.84478	0.00	3.2E-09	3.2E-04	3.5E-04	7.5E-07	1.6E-01	2.7E-02	3.2E-09
11	8.55452	0.00	4.1E-09	3.2E-04	3.5E-04	9.4E-07	1.6E-01	2.7E-02	4.1E-09
12	10.63695	0.01	5.0E-09	3.2E-04	3.5E-04	1.2E-06	1.6E-01	2.7E-02	5.0E-09
13	12.91953	0.01	6.1E-09	3.2E-04	3.5E-04	1.4E-06	1.6E-01	2.7E-02	6.1E-09
14	9.46229	0.00	4.5E-09	3.2E-04	3.5E-04	1.0E-06	1.6E-01	2.7E-02	4.5E-09
15	19.83715	0.01	9.4E-09	3.2E-04	3.5E-04	2.2E-06	1.6E-01	2.7E-02	9.4E-09
16	41.77508	0.02	2.0E-08	3.2E-04	3.5E-04	4.6E-06	1.6E-01	2.7E-02	2.0E-08
17	49.83389	0.02	2.4E-08	3.2E-04	3.5E-04	5.5E-06	1.6E-01	2.7E-02	2.4E-08
18	39.86107	0.02	1.9E-08	3.2E-04	3.5E-04	4.4E-06	1.6E-01	2.7E-02	1.9E-08
19	21.08989	0.01	1.0E-08	3.2E-04	3.5E-04	2.3E-06	1.6E-01	2.7E-02	1.0E-08
20	16.55858	0.01	7.8E-09	3.2E-04	3.5E-04	1.8E-06	1.6E-01	2.7E-02	7.8E-09
21	15.10953	0.01	7.2E-09	3.2E-04	3.5E-04	1.7E-06	1.6E-01	2.7E-02	7.2E-09
22	12.54156	0.01	5.9E-09	3.2E-04	3.5E-04	1.4E-06	1.6E-01	2.7E-02	5.9E-09
23	7.70706	0.00	3.7E-09	3.2E-04	3.5E-04	8.5E-07	1.6E-01	2.7E-02	3.7E-09
24	8.63152	0.00	4.1E-09	3.2E-04	3.5E-04	9.5E-07	1.6E-01	2.7E-02	4.1E-09
25	9.80878	0.00	4.6E-09	3.2E-04	3.5E-04	1.1E-06	1.6E-01	2.7E-02	4.6E-09
26	11.38063	0.01	5.4E-09	3.2E-04	3.5E-04	1.3E-06	1.6E-01	2.7E-02	5.4E-09
27	11.48457	0.01	5.4E-09	3.2E-04	3.5E-04	1.3E-06	1.6E-01	2.7E-02	5.4E-09
28	10.83385	0.01	5.1E-09	3.2E-04	3.5E-04	1.2E-06	1.6E-01	2.7E-02	5.1E-09
29	43.94048	0.02	2.1E-08	3.2E-04	3.5E-04	4.8E-06	1.6E-01	2.7E-02	2.1E-08
30	36.27284	0.02	1.7E-08	3.2E-04	3.5E-04	4.0E-06	1.6E-01	2.7E-02	1.7E-08
31	19.44194	0.01	9.2E-09	3.2E-04	3.5E-04	2.1E-06	1.6E-01	2.7E-02	9.2E-09
32	22.45472	0.01	1.1E-08	3.2E-04	3.5E-04	2.5E-06	1.6E-01	2.7E-02	1.1E-08
33	8.36767	0.00	4.0E-09	3.2E-04	3.5E-04	9.2E-07	1.6E-01	2.7E-02	4.0E-09
34	19.16488	0.01	9.1E-09	3.2E-04	3.5E-04	2.1E-06	1.6E-01	2.7E-02	9.1E-09
35	5.37208	0.00	2.5E-09	3.2E-04	3.5E-04	5.9E-07	1.6E-01	2.7E-02	2.5E-09
36	4.54055	0.00	2.2E-09	3.2E-04	3.5E-04	5.0E-07	1.6E-01	2.7E-02	2.2E-09
37	5.31075	0.00	2.5E-09	3.2E-04	3.5E-04	5.8E-07	1.6E-01	2.7E-02	2.5E-09
38	15.30483	0.01	7.3E-09	3.2E-04	3.5E-04	1.7E-06	1.6E-01	2.7E-02	7.3E-09
39	40.8326	0.02	1.9E-08	3.2E-04	3.5E-04	4.5E-06	1.6E-01	2.7E-02	1.9E-08
40	35.70233	0.02	1.7E-08	3.2E-04	3.5E-04	3.9E-06	1.6E-01	2.7E-02	1.7E-08
41	13.27385	0.01	6.3E-09	3.2E-04	3.5E-04	1.5E-06	1.6E-01	2.7E-02	6.3E-09
42	6.50887	0.00	3.1E-09	3.2E-04	3.5E-04	7.2E-07	1.6E-01	2.7E-02	3.1E-09

MUIR School Project

Risk From P2BC - Mitigated School

	Max	0.38					2-16		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	2.54014	0.01	6.7E-09	1.3E-04	3.5E-04	1.2E-07	1.6E-01	3.7E-01	6.7E-09
2	2.73398	0.01	7.2E-09	1.3E-04	3.5E-04	1.2E-07	1.6E-01	3.7E-01	7.2E-09
3	2.9426	0.01	7.8E-09	1.3E-04	3.5E-04	1.3E-07	1.6E-01	3.7E-01	7.8E-09
4	3.48971	0.01	9.2E-09	1.3E-04	3.5E-04	1.6E-07	1.6E-01	3.7E-01	9.2E-09
5	4.00155	0.01	1.1E-08	1.3E-04	3.5E-04	1.8E-07	1.6E-01	3.7E-01	1.1E-08
6	4.53449	0.01	1.2E-08	1.3E-04	3.5E-04	2.1E-07	1.6E-01	3.7E-01	1.2E-08
7	5.12095	0.01	1.3E-08	1.3E-04	3.5E-04	2.3E-07	1.6E-01	3.7E-01	1.3E-08
8	6.04622	0.02	1.6E-08	1.3E-04	3.5E-04	2.7E-07	1.6E-01	3.7E-01	1.6E-08
9	3.16819	0.01	8.3E-09	1.3E-04	3.5E-04	1.4E-07	1.6E-01	3.7E-01	8.3E-09
10	3.80593	0.01	1.0E-08	1.3E-04	3.5E-04	1.7E-07	1.6E-01	3.7E-01	1.0E-08
11	4.653	0.01	1.2E-08	1.3E-04	3.5E-04	2.1E-07	1.6E-01	3.7E-01	1.2E-08
12	5.73221	0.02	1.5E-08	1.3E-04	3.5E-04	2.6E-07	1.6E-01	3.7E-01	1.5E-08
13	7.05766	0.02	1.9E-08	1.3E-04	3.5E-04	3.2E-07	1.6E-01	3.7E-01	1.9E-08
14	6.82153	0.02	1.8E-08	1.3E-04	3.5E-04	3.1E-07	1.6E-01	3.7E-01	1.8E-08
15	8.66945	0.02	2.3E-08	1.3E-04	3.5E-04	3.9E-07	1.6E-01	3.7E-01	2.3E-08
16	9.63785	0.03	2.5E-08	1.3E-04	3.5E-04	4.4E-07	1.6E-01	3.7E-01	2.5E-08
17	18.6975	0.05	4.9E-08	1.3E-04	3.5E-04	8.5E-07	1.6E-01	3.7E-01	4.9E-08
18	42.6084	0.11	1.1E-07	1.3E-04	3.5E-04	1.9E-06	1.6E-01	3.7E-01	1.1E-07
19	27.99272	0.07	7.4E-08	1.3E-04	3.5E-04	1.3E-06	1.6E-01	3.7E-01	7.4E-08
20	51.45915	0.14	1.4E-07	1.3E-04	3.5E-04	2.3E-06	1.6E-01	3.7E-01	1.4E-07
21	87.6217	0.23	2.3E-07	1.3E-04	3.5E-04	4.0E-06	1.6E-01	3.7E-01	2.3E-07
22	95.15953	0.25	2.5E-07	1.3E-04	3.5E-04	4.3E-06	1.6E-01	3.7E-01	2.5E-07
23	32.08844	0.08	8.5E-08	1.3E-04	3.5E-04	1.5E-06	1.6E-01	3.7E-01	8.5E-08
24	31.86058	0.08	8.4E-08	1.3E-04	3.5E-04	1.4E-06	1.6E-01	3.7E-01	8.4E-08
25	25.19278	0.07	6.6E-08	1.3E-04	3.5E-04	1.1E-06	1.6E-01	3.7E-01	6.6E-08
26	17.6182	0.05	4.6E-08	1.3E-04	3.5E-04	8.0E-07	1.6E-01	3.7E-01	4.6E-08
27	12.60423	0.03	3.3E-08	1.3E-04	3.5E-04	5.7E-07	1.6E-01	3.7E-01	3.3E-08
28	9.47515	0.02	2.5E-08	1.3E-04	3.5E-04	4.3E-07	1.6E-01	3.7E-01	2.5E-08
29	95.48041	0.25	2.5E-07	1.3E-04	3.5E-04	4.3E-06	1.6E-01	3.7E-01	2.5E-07
30	143.31931	0.38	3.8E-07	1.3E-04	3.5E-04	6.5E-06	1.6E-01	3.7E-01	3.8E-07
31	108.75554	0.29	2.9E-07	1.3E-04	3.5E-04	4.9E-06	1.6E-01	3.7E-01	2.9E-07
32	78.31386	0.21	2.1E-07	1.3E-04	3.5E-04	3.6E-06	1.6E-01	3.7E-01	2.1E-07
33	3.71206	0.01	9.8E-09	1.3E-04	3.5E-04	1.7E-07	1.6E-01	3.7E-01	9.8E-09
34	6.21401	0.02	1.6E-08	1.3E-04	3.5E-04	2.8E-07	1.6E-01	3.7E-01	1.6E-08
35	2.76048	0.01	7.3E-09	1.3E-04	3.5E-04	1.3E-07	1.6E-01	3.7E-01	7.3E-09
36	2.47472	0.01	6.5E-09	1.3E-04	3.5E-04	1.1E-07	1.6E-01	3.7E-01	6.5E-09
37	2.56133	0.01	6.7E-09	1.3E-04	3.5E-04	1.2E-07	1.6E-01	3.7E-01	6.7E-09
38	4.67033	0.01	1.2E-08	1.3E-04	3.5E-04	2.1E-07	1.6E-01	3.7E-01	1.2E-08
39	9.01212	0.02	2.4E-08	1.3E-04	3.5E-04	4.1E-07	1.6E-01	3.7E-01	2.4E-08
40	8.74782	0.02	2.3E-08	1.3E-04	3.5E-04	4.0E-07	1.6E-01	3.7E-01	2.3E-08
41	4.49917	0.01	1.2E-08	1.3E-04	3.5E-04	2.0E-07	1.6E-01	3.7E-01	1.2E-08
42	2.98727	0.01	7.9E-09	1.3E-04	3.5E-04	1.4E-07	1.6E-01	3.7E-01	7.9E-09

MUIR School Project
Risk From P2P - Mitigated School

	Max	0.02					2-16		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	1.5862	0.00	4.0E-10	3.4E-04	3.5E-04	1.8E-07	1.6E-01	1.4E-02	4.0E-10
2	1.6797	0.00	4.2E-10	3.4E-04	3.5E-04	2.0E-07	1.6E-01	1.4E-02	4.2E-10
3	1.77829	0.00	4.5E-10	3.4E-04	3.5E-04	2.1E-07	1.6E-01	1.4E-02	4.5E-10
4	2.02708	0.00	5.1E-10	3.4E-04	3.5E-04	2.4E-07	1.6E-01	1.4E-02	5.1E-10
5	2.24933	0.00	5.6E-10	3.4E-04	3.5E-04	2.6E-07	1.6E-01	1.4E-02	5.6E-10
6	2.47074	0.00	6.2E-10	3.4E-04	3.5E-04	2.9E-07	1.6E-01	1.4E-02	6.2E-10
7	2.7069	0.00	6.8E-10	3.4E-04	3.5E-04	3.1E-07	1.6E-01	1.4E-02	6.8E-10
8	3.06085	0.00	7.7E-10	3.4E-04	3.5E-04	3.6E-07	1.6E-01	1.4E-02	7.7E-10
9	1.8808	0.00	4.7E-10	3.4E-04	3.5E-04	2.2E-07	1.6E-01	1.4E-02	4.7E-10
10	2.1601	0.00	5.4E-10	3.4E-04	3.5E-04	2.5E-07	1.6E-01	1.4E-02	5.4E-10
11	2.50716	0.00	6.3E-10	3.4E-04	3.5E-04	2.9E-07	1.6E-01	1.4E-02	6.3E-10
12	2.9171	0.00	7.3E-10	3.4E-04	3.5E-04	3.4E-07	1.6E-01	1.4E-02	7.3E-10
13	3.38129	0.00	8.5E-10	3.4E-04	3.5E-04	3.9E-07	1.6E-01	1.4E-02	8.5E-10
14	3.34036	0.00	8.4E-10	3.4E-04	3.5E-04	3.9E-07	1.6E-01	1.4E-02	8.4E-10
15	3.87863	0.00	9.7E-10	3.4E-04	3.5E-04	4.5E-07	1.6E-01	1.4E-02	9.7E-10
16	4.17318	0.00	1.0E-09	3.4E-04	3.5E-04	4.9E-07	1.6E-01	1.4E-02	1.0E-09
17	6.31761	0.00	1.6E-09	3.4E-04	3.5E-04	7.3E-07	1.6E-01	1.4E-02	1.6E-09
18	10.10557	0.00	2.5E-09	3.4E-04	3.5E-04	1.2E-06	1.6E-01	1.4E-02	2.5E-09
19	8.36724	0.00	2.1E-09	3.4E-04	3.5E-04	9.7E-07	1.6E-01	1.4E-02	2.1E-09
20	12.63599	0.00	3.2E-09	3.4E-04	3.5E-04	1.5E-06	1.6E-01	1.4E-02	3.2E-09
21	23.86371	0.01	6.0E-09	3.4E-04	3.5E-04	2.8E-06	1.6E-01	1.4E-02	6.0E-09
22	36.7784	0.01	9.2E-09	3.4E-04	3.5E-04	4.3E-06	1.6E-01	1.4E-02	9.2E-09
23	15.71705	0.00	3.9E-09	3.4E-04	3.5E-04	1.8E-06	1.6E-01	1.4E-02	3.9E-09
24	12.83185	0.00	3.2E-09	3.4E-04	3.5E-04	1.5E-06	1.6E-01	1.4E-02	3.2E-09
25	9.29851	0.00	2.3E-09	3.4E-04	3.5E-04	1.1E-06	1.6E-01	1.4E-02	2.3E-09
26	6.72836	0.00	1.7E-09	3.4E-04	3.5E-04	7.8E-07	1.6E-01	1.4E-02	1.7E-09
27	5.22401	0.00	1.3E-09	3.4E-04	3.5E-04	6.1E-07	1.6E-01	1.4E-02	1.3E-09
28	4.24733	0.00	1.1E-09	3.4E-04	3.5E-04	4.9E-07	1.6E-01	1.4E-02	1.1E-09
29	33.82406	0.01	8.5E-09	3.4E-04	3.5E-04	3.9E-06	1.6E-01	1.4E-02	8.5E-09
30	34.82607	0.01	8.7E-09	3.4E-04	3.5E-04	4.1E-06	1.6E-01	1.4E-02	8.7E-09
31	85.33958	0.02	2.1E-08	3.4E-04	3.5E-04	9.9E-06	1.6E-01	1.4E-02	2.1E-08
32	96.97023	0.02	2.4E-08	3.4E-04	3.5E-04	1.1E-05	1.6E-01	1.4E-02	2.4E-08
33	2.13389	0.00	5.3E-10	3.4E-04	3.5E-04	2.5E-07	1.6E-01	1.4E-02	5.3E-10
34	3.09405	0.00	7.7E-10	3.4E-04	3.5E-04	3.6E-07	1.6E-01	1.4E-02	7.7E-10
35	1.7048	0.00	4.3E-10	3.4E-04	3.5E-04	2.0E-07	1.6E-01	1.4E-02	4.3E-10
36	1.56478	0.00	3.9E-10	3.4E-04	3.5E-04	1.8E-07	1.6E-01	1.4E-02	3.9E-10
37	1.64174	0.00	4.1E-10	3.4E-04	3.5E-04	1.9E-07	1.6E-01	1.4E-02	4.1E-10
38	2.62045	0.00	6.6E-10	3.4E-04	3.5E-04	3.0E-07	1.6E-01	1.4E-02	6.6E-10
39	4.20336	0.00	1.1E-09	3.4E-04	3.5E-04	4.9E-07	1.6E-01	1.4E-02	1.1E-09
40	3.98004	0.00	1.0E-09	3.4E-04	3.5E-04	4.6E-07	1.6E-01	1.4E-02	1.0E-09
41	2.49209	0.00	6.2E-10	3.4E-04	3.5E-04	2.9E-07	1.6E-01	1.4E-02	6.2E-10
42	1.8301	0.00	4.6E-10	3.4E-04	3.5E-04	2.1E-07	1.6E-01	1.4E-02	4.6E-10

MUIR School Project
Risk From P3 - Mitigated School

	Max	0.36					2-16		
Receptor #	**Conc**	**Total/ Million**	**Total**	**g/sec**	**D1**	**Dose**	**R1**	**ED**	**Risk**
1	53.20783	0.20	2.0E-07	3.7E-04	3.5E-04	6.8E-06	1.6E-01	1.9E-01	2.0E-07
2	83.63657	0.32	3.2E-07	3.7E-04	3.5E-04	1.1E-05	1.6E-01	1.9E-01	3.2E-07
3	71.06119	0.27	2.7E-07	3.7E-04	3.5E-04	9.1E-06	1.6E-01	1.9E-01	2.7E-07
4	70.73714	0.27	2.7E-07	3.7E-04	3.5E-04	9.1E-06	1.6E-01	1.9E-01	2.7E-07
5	73.35453	0.28	2.8E-07	3.7E-04	3.5E-04	9.4E-06	1.6E-01	1.9E-01	2.8E-07
6	80.53016	0.30	3.0E-07	3.7E-04	3.5E-04	1.0E-05	1.6E-01	1.9E-01	3.0E-07
7	59.1362	0.22	2.2E-07	3.7E-04	3.5E-04	7.6E-06	1.6E-01	1.9E-01	2.2E-07
8	61.74698	0.23	2.3E-07	3.7E-04	3.5E-04	7.9E-06	1.6E-01	1.9E-01	2.3E-07
9	85.24106	0.32	3.2E-07	3.7E-04	3.5E-04	1.1E-05	1.6E-01	1.9E-01	3.2E-07
10	96.63806	0.36	3.6E-07	3.7E-04	3.5E-04	1.2E-05	1.6E-01	1.9E-01	3.6E-07
11	79.29845	0.30	3.0E-07	3.7E-04	3.5E-04	1.0E-05	1.6E-01	1.9E-01	3.0E-07
12	70.11166	0.26	2.6E-07	3.7E-04	3.5E-04	9.0E-06	1.6E-01	1.9E-01	2.6E-07
13	62.76191	0.24	2.4E-07	3.7E-04	3.5E-04	8.1E-06	1.6E-01	1.9E-01	2.4E-07
14	59.31965	0.22	2.2E-07	3.7E-04	3.5E-04	7.6E-06	1.6E-01	1.9E-01	2.2E-07
15	87.06508	0.33	3.3E-07	3.7E-04	3.5E-04	1.1E-05	1.6E-01	1.9E-01	3.3E-07
16	58.01281	0.22	2.2E-07	3.7E-04	3.5E-04	7.5E-06	1.6E-01	1.9E-01	2.2E-07
17	32.3943	0.12	1.2E-07	3.7E-04	3.5E-04	4.2E-06	1.6E-01	1.9E-01	1.2E-07
18	19.53716	0.07	7.4E-08	3.7E-04	3.5E-04	2.5E-06	1.6E-01	1.9E-01	7.4E-08
19	19.921	0.08	7.5E-08	3.7E-04	3.5E-04	2.6E-06	1.6E-01	1.9E-01	7.5E-08
20	13.235	0.05	5.0E-08	3.7E-04	3.5E-04	1.7E-06	1.6E-01	1.9E-01	5.0E-08
21	9.76333	0.04	3.7E-08	3.7E-04	3.5E-04	1.3E-06	1.6E-01	1.9E-01	3.7E-08
22	8.04396	0.03	3.0E-08	3.7E-04	3.5E-04	1.0E-06	1.6E-01	1.9E-01	3.0E-08
23	7.1197	0.03	2.7E-08	3.7E-04	3.5E-04	9.2E-07	1.6E-01	1.9E-01	2.7E-08
24	8.55541	0.03	3.2E-08	3.7E-04	3.5E-04	1.1E-06	1.6E-01	1.9E-01	3.2E-08
25	11.39621	0.04	4.3E-08	3.7E-04	3.5E-04	1.5E-06	1.6E-01	1.9E-01	4.3E-08
26	17.01666	0.06	6.4E-08	3.7E-04	3.5E-04	2.2E-06	1.6E-01	1.9E-01	6.4E-08
27	24.92516	0.09	9.4E-08	3.7E-04	3.5E-04	3.2E-06	1.6E-01	1.9E-01	9.4E-08
28	36.73032	0.14	1.4E-07	3.7E-04	3.5E-04	4.7E-06	1.6E-01	1.9E-01	1.4E-07
29	9.24159	0.03	3.5E-08	3.7E-04	3.5E-04	1.2E-06	1.6E-01	1.9E-01	3.5E-08
30	9.65642	0.04	3.6E-08	3.7E-04	3.5E-04	1.2E-06	1.6E-01	1.9E-01	3.6E-08
31	6.87433	0.03	2.6E-08	3.7E-04	3.5E-04	8.8E-07	1.6E-01	1.9E-01	2.6E-08
32	6.64491	0.03	2.5E-08	3.7E-04	3.5E-04	8.6E-07	1.6E-01	1.9E-01	2.5E-08
33	83.22617	0.31	3.1E-07	3.7E-04	3.5E-04	1.1E-05	1.6E-01	1.9E-01	3.1E-07
34	85.17164	0.32	3.2E-07	3.7E-04	3.5E-04	1.1E-05	1.6E-01	1.9E-01	3.2E-07
35	70.76138	0.27	2.7E-07	3.7E-04	3.5E-04	9.1E-06	1.6E-01	1.9E-01	2.7E-07
36	57.15197	0.22	2.2E-07	3.7E-04	3.5E-04	7.4E-06	1.6E-01	1.9E-01	2.2E-07
37	22.82995	0.09	8.6E-08	3.7E-04	3.5E-04	2.9E-06	1.6E-01	1.9E-01	8.6E-08
38	28.35042	0.11	1.1E-07	3.7E-04	3.5E-04	3.6E-06	1.6E-01	1.9E-01	1.1E-07
39	26.39444	0.10	9.9E-08	3.7E-04	3.5E-04	3.4E-06	1.6E-01	1.9E-01	9.9E-08
40	41.68923	0.16	1.6E-07	3.7E-04	3.5E-04	5.4E-06	1.6E-01	1.9E-01	1.6E-07
41	47.89111	0.18	1.8E-07	3.7E-04	3.5E-04	6.2E-06	1.6E-01	1.9E-01	1.8E-07
42	40.82888	0.15	1.5E-07	3.7E-04	3.5E-04	5.3E-06	1.6E-01	1.9E-01	1.5E-07

8. Construction Health Risk
f. AERMOD Output

```
** Lakes Environmental AERMOD MPI
**
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**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.5
** Lakes Environmental Software Inc.
** Date: 3/29/2019
** File: C:\Lakes\AERMOD View\AERMOD Projects\Muir School\Muir School.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\AERMOD Projects\Muir School\Muir School.isc
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 3337685 US_Census_Bureau_-_July_1,_2017__SD_Cnty
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Muir School.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P1DEMO
** DESCRSRC Phase 1 Demolition
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 22
** 481790.734, 3631570.022, 102.40, 5.00, 5.67
** 481838.475, 3631544.279, 102.35, 5.00, 5.67
** 481844.576, 3631555.208, 102.17, 5.00, 5.67
** 481797.754, 3631581.724, 102.09, 5.00, 5.67
** 481801.967, 3631591.085, 101.93, 5.00, 5.67
** 481849.240, 3631565.810, 102.09, 5.00, 5.67
** 481857.197, 3631581.256, 102.04, 5.00, 5.67
** 481830.986, 3631595.297, 101.90, 5.00, 5.67
** 481842.219, 3631613.083, 101.81, 5.00, 5.67
** 481867.962, 3631599.510, 101.93, 5.00, 5.67
** 481874.983, 3631610.275, 101.83, 5.00, 5.67
** 481846.432, 3631625.253, 101.91, 5.00, 5.67
** 481849.517, 3631634.211, 101.84, 5.00, 5.67
** 481880.867, 3631617.016, 101.68, 5.00, 5.67
** 481885.937, 3631628.288, 101.55, 5.00, 5.67
** 481856.555, 3631643.104, 101.71, 5.00, 5.67
** 481863.256, 3631660.631, 101.74, 5.00, 5.67
** 481894.665, 3631642.980, 101.15, 5.00, 5.67
** 481902.163, 3631657.774, 101.15, 5.00, 5.67
** 481871.665, 3631673.014, 101.78, 5.00, 5.67
** 481877.396, 3631686.451, 101.98, 5.00, 5.67
** 481909.619, 3631672.994, 101.41, 5.00, 5.67
** ------------------------------------------------------------------------
   LOCATION L0002991     VOLUME   481793.416 3631568.576 102.38
   LOCATION L0002992     VOLUME   481804.148 3631562.789 102.26
   LOCATION L0002993     VOLUME   481814.879 3631557.003 102.45
   LOCATION L0002994     VOLUME   481825.610 3631551.216 102.31
   LOCATION L0002995     VOLUME   481836.342 3631545.430 102.40
   LOCATION L0002996     VOLUME   481843.236 3631552.809 102.21
   LOCATION L0002997     VOLUME   481836.358 3631559.862 102.19
   LOCATION L0002998     VOLUME   481825.749 3631565.870 102.13
   LOCATION L0002999     VOLUME   481815.140 3631571.878 102.09
   LOCATION L0003000     VOLUME   481804.531 3631577.886 102.07
   LOCATION L0003001     VOLUME   481799.561 3631585.739 102.01
   LOCATION L0003002     VOLUME   481807.549 3631588.100 101.93
   LOCATION L0003003     VOLUME   481818.301 3631582.352 102.00
   LOCATION L0003004     VOLUME   481829.053 3631576.603 102.01
   LOCATION L0003005     VOLUME   481839.805 3631570.855 102.07
   LOCATION L0003006     VOLUME   481849.924 3631567.137 102.09
   LOCATION L0003007     VOLUME   481855.507 3631577.975 102.05
   LOCATION L0003008     VOLUME   481849.703 3631585.270 101.95
   LOCATION L0003009     VOLUME   481838.956 3631591.028 101.85
   LOCATION L0003010     VOLUME   481832.668 3631597.961 101.91
   LOCATION L0003011     VOLUME   481839.179 3631608.269 101.82
   LOCATION L0003012     VOLUME   481847.967 3631610.053 101.77
   LOCATION L0003013     VOLUME   481858.752 3631604.366 101.89
   LOCATION L0003014     VOLUME   481868.935 3631601.000 101.88
   LOCATION L0003015     VOLUME   481873.992 3631610.795 101.82
   LOCATION L0003016     VOLUME   481863.195 3631616.459 101.91
   LOCATION L0003017     VOLUME   481852.399 3631622.123 101.90
   LOCATION L0003018     VOLUME   481848.208 3631630.409 101.85
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   LOCATION L0003019     VOLUME   481856.682 3631630.281 101.84
   LOCATION L0003020     VOLUME   481867.371 3631624.418 101.83
   LOCATION L0003021     VOLUME   481878.061 3631618.555 101.68
   LOCATION L0003022     VOLUME   481884.556 3631625.217 101.47
   LOCATION L0003023     VOLUME   481878.058 3631632.261 101.53
   LOCATION L0003024     VOLUME   481867.172 3631637.750 101.63
   LOCATION L0003025     VOLUME   481856.662 3631643.385 101.74
   LOCATION L0003026     VOLUME   481861.017 3631654.773 101.81
   LOCATION L0003027     VOLUME   481868.418 3631657.730 101.67
   LOCATION L0003028     VOLUME   481879.046 3631651.757 101.40
   LOCATION L0003029     VOLUME   481889.675 3631645.784 101.16
   LOCATION L0003030     VOLUME   481897.589 3631648.750 101.10
   LOCATION L0003031     VOLUME   481900.307 3631658.701 101.20
   LOCATION L0003032     VOLUME   481889.401 3631664.151 101.45
   LOCATION L0003033     VOLUME   481878.495 3631669.601 101.66
   LOCATION L0003034     VOLUME   481873.452 3631677.205 101.92
   LOCATION L0003035     VOLUME   481879.371 3631685.626 101.94
   LOCATION L0003036     VOLUME   481890.621 3631680.928 101.69
   LOCATION L0003037     VOLUME   481901.872 3631676.230 101.56
** End of LINE VOLUME Source ID = P1DEMO
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P1G
** DESCRSRC Phase 1 Grading
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 25
** 481790.734, 3631570.022, 102.40, 5.00, 5.67
** 481838.475, 3631544.279, 102.35, 5.00, 5.67
** 481887.153, 3631515.260, 102.53, 5.00, 5.67
** 481894.173, 3631529.302, 102.24, 5.00, 5.67
** 481797.754, 3631581.724, 102.09, 5.00, 5.67
** 481801.967, 3631591.085, 101.93, 5.00, 5.67
** 481849.240, 3631565.810, 102.09, 5.00, 5.67
** 481857.197, 3631581.256, 102.04, 5.00, 5.67
** 481830.986, 3631595.297, 101.90, 5.00, 5.67
** 481842.219, 3631613.083, 101.81, 5.00, 5.67
** 481867.962, 3631599.510, 101.93, 5.00, 5.67
** 481874.983, 3631610.275, 101.83, 5.00, 5.67
** 481846.432, 3631625.253, 101.91, 5.00, 5.67
** 481849.517, 3631634.211, 101.84, 5.00, 5.67
** 481880.867, 3631617.016, 101.68, 5.00, 5.67
** 481885.937, 3631628.288, 101.55, 5.00, 5.67
** 481856.555, 3631643.104, 101.71, 5.00, 5.67
** 481863.256, 3631660.631, 101.74, 5.00, 5.67
** 481894.665, 3631642.980, 101.15, 5.00, 5.67
** 481902.163, 3631657.774, 101.15, 5.00, 5.67
** 481871.665, 3631673.014, 101.78, 5.00, 5.67
** 481877.396, 3631686.451, 101.98, 5.00, 5.67
** 481949.261, 3631643.512, 101.58, 5.00, 5.67
** 481965.503, 3631659.485, 101.32, 5.00, 5.67
** 481924.522, 3631683.583, 101.69, 5.00, 5.67
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   LOCATION L0003038     VOLUME   481793.416 3631568.576 102.38
   LOCATION L0003039     VOLUME   481804.148 3631562.789 102.26
   LOCATION L0003040     VOLUME   481814.879 3631557.003 102.45
   LOCATION L0003041     VOLUME   481825.610 3631551.216 102.31
   LOCATION L0003042     VOLUME   481836.342 3631545.430 102.40
   LOCATION L0003043     VOLUME   481846.865 3631539.277 102.48
   LOCATION L0003044     VOLUME   481857.338 3631533.034 102.46
   LOCATION L0003045     VOLUME   481867.810 3631526.791 102.53
   LOCATION L0003046     VOLUME   481878.282 3631520.548 102.50
   LOCATION L0003047     VOLUME   481887.987 3631516.928 102.44
   LOCATION L0003048     VOLUME   481893.439 3631527.833 102.23
   LOCATION L0003049     VOLUME   481884.905 3631534.341 102.15
   LOCATION L0003050     VOLUME   481874.194 3631540.164 102.14
   LOCATION L0003051     VOLUME   481863.482 3631545.988 102.15
   LOCATION L0003052     VOLUME   481852.771 3631551.812 102.16
   LOCATION L0003053     VOLUME   481842.060 3631557.635 102.18
   LOCATION L0003054     VOLUME   481831.349 3631563.459 102.15
   LOCATION L0003055     VOLUME   481820.637 3631569.282 102.09
   LOCATION L0003056     VOLUME   481809.926 3631575.106 102.08
   LOCATION L0003057     VOLUME   481799.215 3631580.930 102.07
   LOCATION L0003058     VOLUME   481802.200 3631590.960 101.93
   LOCATION L0003059     VOLUME   481812.952 3631585.212 101.94
   LOCATION L0003060     VOLUME   481823.703 3631579.463 102.02
   LOCATION L0003061     VOLUME   481834.455 3631573.715 102.04
   LOCATION L0003062     VOLUME   481845.207 3631567.966 102.09
   LOCATION L0003063     VOLUME   481852.729 3631572.582 102.05
   LOCATION L0003064     VOLUME   481855.050 3631582.406 102.02
   LOCATION L0003065     VOLUME   481844.303 3631588.163 101.89
   LOCATION L0003066     VOLUME   481833.556 3631593.920 101.90
   LOCATION L0003067     VOLUME   481835.940 3631603.140 101.84
   LOCATION L0003068     VOLUME   481842.602 3631612.882 101.83
   LOCATION L0003069     VOLUME   481853.386 3631607.195 101.84
   LOCATION L0003070     VOLUME   481864.171 3631601.509 101.93
   LOCATION L0003071     VOLUME   481872.281 3631606.132 101.85
   LOCATION L0003072     VOLUME   481868.567 3631613.641 101.88
   LOCATION L0003073     VOLUME   481857.771 3631619.305 101.90
   LOCATION L0003074     VOLUME   481846.974 3631624.968 101.88
   LOCATION L0003075     VOLUME   481851.363 3631633.198 101.83
   LOCATION L0003076     VOLUME   481862.053 3631627.335 101.86
   LOCATION L0003077     VOLUME   481872.743 3631621.472 101.79
   LOCATION L0003078     VOLUME   481882.067 3631619.685 101.56
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   LOCATION L0003079     VOLUME   481883.475 3631629.530 101.45
   LOCATION L0003080     VOLUME   481872.588 3631635.019 101.58
   LOCATION L0003081     VOLUME   481861.702 3631640.508 101.65
   LOCATION L0003082     VOLUME   481858.850 3631649.107 101.81
   LOCATION L0003083     VOLUME   481863.204 3631660.495 101.76
   LOCATION L0003084     VOLUME   481873.758 3631654.729 101.55
   LOCATION L0003085     VOLUME   481884.387 3631648.756 101.31
   LOCATION L0003086     VOLUME   481894.846 3631643.339 101.13
   LOCATION L0003087     VOLUME   481900.359 3631654.214 101.13
   LOCATION L0003088     VOLUME   481894.827 3631661.440 101.33
   LOCATION L0003089     VOLUME   481883.921 3631666.889 101.54
   LOCATION L0003090     VOLUME   481873.015 3631672.339 101.77
   LOCATION L0003091     VOLUME   481875.856 3631682.840 102.03
   LOCATION L0003092     VOLUME   481884.492 3631682.211 101.80
   LOCATION L0003093     VOLUME   481894.958 3631675.958 101.58
   LOCATION L0003094     VOLUME   481905.424 3631669.704 101.39
   LOCATION L0003095     VOLUME   481915.890 3631663.451 101.31
   LOCATION L0003096     VOLUME   481926.356 3631657.198 101.38
   LOCATION L0003097     VOLUME   481936.823 3631650.944 101.46
   LOCATION L0003098     VOLUME   481947.289 3631644.691 101.56
   LOCATION L0003099     VOLUME   481956.316 3631650.450 101.66
   LOCATION L0003100     VOLUME   481965.008 3631658.998 101.90
   LOCATION L0003101     VOLUME   481955.591 3631665.313 101.75
   LOCATION L0003102     VOLUME   481945.081 3631671.493 101.68
   LOCATION L0003103     VOLUME   481934.572 3631677.673 101.67
** End of LINE VOLUME Source ID = P1G
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P1BC
** DESCRSRC Construction of new building
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 14
** 481880.600, 3631621.040, 101.56, 5.00, 5.67
** 481855.793, 3631632.742, 101.84, 5.00, 5.67
** 481848.772, 3631622.444, 101.91, 5.00, 5.67
** 481874.983, 3631609.807, 101.80, 5.00, 5.67
** 481866.090, 3631593.893, 101.96, 5.00, 5.67
** 481838.943, 3631606.999, 101.82, 5.00, 5.67
** 481829.582, 3631592.489, 101.91, 5.00, 5.67
** 481857.197, 3631578.447, 102.05, 5.00, 5.67
** 481850.176, 3631563.938, 102.08, 5.00, 5.67
** 481801.031, 3631591.085, 101.94, 5.00, 5.67
** 481796.350, 3631581.724, 102.10, 5.00, 5.67
** 481843.624, 3631555.513, 102.17, 5.00, 5.67
** 481837.071, 3631543.811, 102.37, 5.00, 5.67
** 481791.202, 3631570.022, 102.38, 5.00, 5.67
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   LOCATION L0000041     VOLUME   481877.843 3631622.341 101.65
   LOCATION L0000042     VOLUME   481866.816 3631627.542 101.81
   LOCATION L0000043     VOLUME   481855.791 3631632.738 101.82
   LOCATION L0000044     VOLUME   481848.923 3631622.665 101.90
   LOCATION L0000045     VOLUME   481859.514 3631617.265 101.90
   LOCATION L0000046     VOLUME   481870.496 3631611.970 101.86
   LOCATION L0000047     VOLUME   481871.466 3631603.513 101.86
   LOCATION L0000048     VOLUME   481865.034 3631594.403 101.96
   LOCATION L0000049     VOLUME   481854.055 3631599.703 101.86
   LOCATION L0000050     VOLUME   481843.075 3631605.004 101.80
   LOCATION L0000051     VOLUME   481834.821 3631600.609 101.86
   LOCATION L0000052     VOLUME   481831.836 3631591.343 101.92
   LOCATION L0000053     VOLUME   481842.703 3631585.817 101.93
   LOCATION L0000054     VOLUME   481853.571 3631580.291 102.04
   LOCATION L0000055     VOLUME   481853.659 3631571.134 102.05
   LOCATION L0000056     VOLUME   481846.503 3631565.967 102.11
   LOCATION L0000057     VOLUME   481835.831 3631571.862 102.06
   LOCATION L0000058     VOLUME   481825.158 3631577.757 102.02
   LOCATION L0000059     VOLUME   481814.486 3631583.652 101.97
   LOCATION L0000060     VOLUME   481803.814 3631589.547 101.94
   LOCATION L0000061     VOLUME   481797.000 3631583.024 102.06
   LOCATION L0000062     VOLUME   481805.741 3631576.517 102.08
   LOCATION L0000063     VOLUME   481816.404 3631570.605 102.09
   LOCATION L0000064     VOLUME   481827.067 3631564.693 102.14
   LOCATION L0000065     VOLUME   481837.729 3631558.781 102.19
   LOCATION L0000066     VOLUME   481840.960 3631550.755 102.24
   LOCATION L0000067     VOLUME   481833.395 3631545.912 102.45
   LOCATION L0000068     VOLUME   481822.810 3631551.960 102.32
   LOCATION L0000069     VOLUME   481812.224 3631558.009 102.44
   LOCATION L0000070     VOLUME   481801.639 3631564.058 102.38
** End of LINE VOLUME Source ID = P1BC
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P1P1
** DESCRSRC Hard court paving
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 4
** 481852.049, 3631556.449, 102.13, 5.00, 5.67
** 481895.110, 3631533.046, 102.18, 5.00, 5.67
** 481888.089, 3631515.728, 102.46, 5.00, 5.67
** 481841.283, 3631541.939, 102.34, 5.00, 5.67
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   LOCATION L0000071     VOLUME   481854.727 3631554.993 102.13
   LOCATION L0000072     VOLUME   481865.439 3631549.171 102.10
   LOCATION L0000073     VOLUME   481876.151 3631543.350 102.10
   LOCATION L0000074     VOLUME   481886.863 3631537.528 102.12
   LOCATION L0000075     VOLUME   481894.055 3631530.445 102.21
   LOCATION L0000076     VOLUME   481889.475 3631519.146 102.36
   LOCATION L0000077     VOLUME   481880.669 3631519.883 102.46
   LOCATION L0000078     VOLUME   481870.032 3631525.840 102.52
   LOCATION L0000079     VOLUME   481859.394 3631531.797 102.47
   LOCATION L0000080     VOLUME   481848.757 3631537.754 102.51
** End of LINE VOLUME Source ID = P1P1
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P1P2
** DESCRSRC Hardscape courts 2
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 11
** 481922.725, 3631687.036, 101.68, 5.00, 5.67
** 481964.850, 3631662.697, 101.72, 5.00, 5.67
** 481955.489, 3631642.571, 101.68, 5.00, 5.67
** 481918.210, 3631663.152, 101.29, 5.00, 5.67
** 481876.914, 3631683.893, 102.00, 5.00, 5.67
** 481872.744, 3631672.951, 101.77, 5.00, 5.67
** 481898.590, 3631655.141, 101.13, 5.00, 5.67
** 481891.876, 3631642.287, 101.18, 5.00, 5.67
** 481864.832, 3631660.072, 101.73, 5.00, 5.67
** 481857.542, 3631643.829, 101.71, 5.00, 5.67
** 481883.751, 3631626.729, 101.57, 5.00, 5.67
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   LOCATION L0003104     VOLUME   481925.364 3631685.511 101.76
   LOCATION L0003105     VOLUME   481935.921 3631679.412 101.72
   LOCATION L0003106     VOLUME   481946.477 3631673.312 101.72
   LOCATION L0003107     VOLUME   481957.034 3631667.213 101.77
   LOCATION L0003108     VOLUME   481963.515 3631659.827 101.88
   LOCATION L0003109     VOLUME   481958.373 3631648.772 101.70
   LOCATION L0003110     VOLUME   481950.803 3631645.158 101.60
   LOCATION L0003111     VOLUME   481940.129 3631651.050 101.49
   LOCATION L0003112     VOLUME   481929.456 3631656.943 101.41
   LOCATION L0003113     VOLUME   481918.782 3631662.836 101.33
   LOCATION L0003114     VOLUME   481907.899 3631668.330 101.35
   LOCATION L0003115     VOLUME   481897.004 3631673.802 101.53
   LOCATION L0003116     VOLUME   481886.109 3631679.274 101.72
   LOCATION L0003117     VOLUME   481876.236 3631682.115 102.00
   LOCATION L0003118     VOLUME   481874.708 3631671.598 101.74
   LOCATION L0003119     VOLUME   481884.747 3631664.680 101.50
   LOCATION L0003120     VOLUME   481894.786 3631657.762 101.24
   LOCATION L0003121     VOLUME   481895.084 3631648.428 101.11
   LOCATION L0003122     VOLUME   481887.479 3631645.179 101.24
   LOCATION L0003123     VOLUME   481877.292 3631651.878 101.45
   LOCATION L0003124     VOLUME   481867.105 3631658.577 101.69
   LOCATION L0003125     VOLUME   481860.954 3631651.431 101.80
   LOCATION L0003126     VOLUME   481860.774 3631641.720 101.64
   LOCATION L0003127     VOLUME   481870.985 3631635.058 101.61
   LOCATION L0003128     VOLUME   481881.196 3631628.396 101.50
** End of LINE VOLUME Source ID = P1P2
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P2D
** DESCRSRC Demolition in Phase 2
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 11
** 481913.832, 3631772.690, 103.19, 5.00, 5.67
** 481885.748, 3631724.948, 102.40, 5.00, 5.67
** 481883.408, 3631691.248, 101.95, 5.00, 5.67
** 481914.768, 3631700.141, 102.11, 5.00, 5.67
** 481906.811, 3631712.779, 102.14, 5.00, 5.67
** 481929.746, 3631747.883, 102.16, 5.00, 5.67
** 481951.744, 3631731.969, 102.39, 5.00, 5.67
** 481973.743, 3631735.713, 102.38, 5.00, 5.67
** 481919.916, 3631765.201, 102.85, 5.00, 5.67
** 481899.790, 3631720.736, 102.29, 5.00, 5.67
** 481895.578, 3631690.312, 101.85, 5.00, 5.67
** ----------------------------------------------------------------------
   LOCATION L0003129     VOLUME   481912.286 3631770.062 102.95
   LOCATION L0003130     VOLUME   481906.105 3631759.554 102.17
   LOCATION L0003131     VOLUME   481899.923 3631749.045 102.08
   LOCATION L0003132     VOLUME   481893.742 3631738.536 102.29
   LOCATION L0003133     VOLUME   481887.560 3631728.028 102.38
   LOCATION L0003134     VOLUME   481885.151 3631716.350 102.33
   LOCATION L0003135     VOLUME   481884.307 3631704.187 102.12
   LOCATION L0003136     VOLUME   481883.462 3631692.024 101.92
   LOCATION L0003137     VOLUME   481894.389 3631694.362 101.89
   LOCATION L0003138     VOLUME   481906.119 3631697.689 102.00
   LOCATION L0003139     VOLUME   481913.062 3631702.851 102.12
   LOCATION L0003140     VOLUME   481907.063 3631713.164 102.15
   LOCATION L0003141     VOLUME   481913.731 3631723.371 102.26
   LOCATION L0003142     VOLUME   481920.399 3631733.577 102.13
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   LOCATION L0003143     VOLUME   481927.068 3631743.784 102.11
   LOCATION L0003144     VOLUME   481935.657 3631743.606 102.22
   LOCATION L0003145     VOLUME   481945.535 3631736.460 102.37
   LOCATION L0003146     VOLUME   481956.209 3631732.729 102.50
   LOCATION L0003147     VOLUME   481968.228 3631734.775 102.53
   LOCATION L0003148     VOLUME   481967.956 3631738.883 102.54
   LOCATION L0003149     VOLUME   481957.263 3631744.741 102.72
   LOCATION L0003150     VOLUME   481946.571 3631750.599 102.69
   LOCATION L0003151     VOLUME   481935.878 3631756.457 102.55
   LOCATION L0003152     VOLUME   481925.185 3631762.314 102.97
   LOCATION L0003153     VOLUME   481917.366 3631759.567 102.53
   LOCATION L0003154     VOLUME   481912.339 3631748.460 102.18
   LOCATION L0003155     VOLUME   481907.311 3631737.352 102.22
   LOCATION L0003156     VOLUME   481902.284 3631726.245 102.27
   LOCATION L0003157     VOLUME   481898.947 3631714.649 102.26
   LOCATION L0003158     VOLUME   481897.275 3631702.573 102.07
   LOCATION L0003159     VOLUME   481895.603 3631690.496 101.83
** End of LINE VOLUME Source ID = P2D
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P2BC
** DESCRSRC Phase 2 BC
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 7
** 481912.896, 3631703.886, 102.11, 5.00, 5.67
** 481906.343, 3631695.929, 101.91, 5.00, 5.67
** 481880.132, 3631726.352, 102.41, 5.00, 5.67
** 481890.897, 3631742.734, 102.29, 5.00, 5.67
** 481903.535, 3631734.777, 102.24, 5.00, 5.67
** 481903.535, 3631724.480, 102.24, 5.00, 5.67
** 481896.514, 3631717.927, 102.23, 5.00, 5.67
** ----------------------------------------------------------------------
   LOCATION L0000253     VOLUME   481910.958 3631701.533 102.08
   LOCATION L0000254     VOLUME   481903.124 3631699.665 102.03
   LOCATION L0000255     VOLUME   481895.166 3631708.902 102.18
   LOCATION L0000256     VOLUME   481887.208 3631718.139 102.32
   LOCATION L0000257     VOLUME   481880.874 3631727.481 102.45
   LOCATION L0000258     VOLUME   481887.569 3631737.670 102.39
   LOCATION L0000259     VOLUME   481896.087 3631739.467 102.25
   LOCATION L0000260     VOLUME   481903.535 3631731.387 102.25
   LOCATION L0000261     VOLUME   481899.671 3631720.874 102.28
** End of LINE VOLUME Source ID = P2BC
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P2P
** DESCRSRC Parking lot paving
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 12
** 481912.896, 3631773.158, 103.21, 5.00, 5.67
** 481901.194, 3631749.755, 102.22, 5.00, 5.67
** 481911.491, 3631745.543, 102.20, 5.00, 5.67
** 481921.321, 3631764.733, 102.98, 5.00, 5.67
** 481933.958, 3631758.180, 102.38, 5.00, 5.67
** 481922.257, 3631745.074, 102.14, 5.00, 5.67
** 481935.362, 3631738.990, 102.18, 5.00, 5.67
** 481943.787, 3631753.031, 102.72, 5.00, 5.67
** 481956.893, 3631747.415, 102.67, 5.00, 5.67
** 481944.723, 3631737.586, 102.29, 5.00, 5.67
** 481955.957, 3631732.437, 102.41, 5.00, 5.67
** 481969.530, 3631740.394, 102.59, 5.00, 5.67
** ----------------------------------------------------------------------
   LOCATION L0001301     VOLUME   481911.533 3631770.431 102.97
   LOCATION L0001302     VOLUME   481906.080 3631759.527 102.17
   LOCATION L0001303     VOLUME   481902.367 3631749.275 102.08
   LOCATION L0001304     VOLUME   481912.555 3631747.619 102.20
   LOCATION L0001305     VOLUME   481918.113 3631758.471 102.48
   LOCATION L0001306     VOLUME   481925.898 3631762.359 102.98
   LOCATION L0001307     VOLUME   481931.885 3631755.858 102.44
   LOCATION L0001308     VOLUME   481923.765 3631746.763 102.16
   LOCATION L0001309     VOLUME   481931.261 3631740.894 102.16
   LOCATION L0001310     VOLUME   481939.309 3631745.567 102.30
   LOCATION L0001311     VOLUME   481946.993 3631751.658 102.73
   LOCATION L0001312     VOLUME   481955.787 3631746.522 102.77
   LOCATION L0001313     VOLUME   481946.302 3631738.861 102.43
   LOCATION L0001314     VOLUME   481953.961 3631733.351 102.45
   LOCATION L0001315     VOLUME   481964.581 3631737.493 102.57
** End of LINE VOLUME Source ID = P2P
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P3
** DESCRSRC Demolition and Paving
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 16
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** 481758.906, 3631586.872, 103.06, 5.00, 5.67
** 481786.053, 3631572.831, 102.41, 5.00, 5.67
** 481794.010, 3631585.936, 102.04, 5.00, 5.67
** 481765.927, 3631600.446, 102.59, 5.00, 5.67
** 481774.820, 3631614.487, 102.04, 5.00, 5.67
** 481799.627, 3631601.382, 101.84, 5.00, 5.67
** 481805.243, 3631613.551, 101.78, 5.00, 5.67
** 481779.968, 3631624.785, 102.16, 5.00, 5.67
** 481786.521, 3631635.082, 101.93, 5.00, 5.67
** 481810.860, 3631623.849, 101.76, 5.00, 5.67
** 481815.540, 3631630.869, 101.66, 5.00, 5.67
** 481789.797, 3631643.975, 102.87, 5.00, 5.67
** 481794.946, 3631655.208, 102.45, 5.00, 5.67
** 481817.881, 3631641.635, 101.72, 5.00, 5.67
** 481823.965, 3631649.591, 101.80, 5.00, 5.67
** 481799.627, 3631663.165, 102.81, 5.00, 5.67
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   LOCATION L0001316     VOLUME   481761.613 3631585.472 102.85
   LOCATION L0001317     VOLUME   481772.442 3631579.871 102.24
   LOCATION L0001318     VOLUME   481783.271 3631574.269 102.43
   LOCATION L0001319     VOLUME   481790.755 3631580.575 102.11
   LOCATION L0001320     VOLUME   481788.750 3631588.654 102.03
   LOCATION L0001321     VOLUME   481777.918 3631594.250 102.00
   LOCATION L0001322     VOLUME   481767.087 3631599.847 102.29
   LOCATION L0001323     VOLUME   481771.752 3631609.643 102.69
   LOCATION L0001324     VOLUME   481780.529 3631611.471 101.86
   LOCATION L0001325     VOLUME   481791.310 3631605.776 101.82
   LOCATION L0001326     VOLUME   481800.794 3631603.911 101.80
   LOCATION L0001327     VOLUME   481803.804 3631614.191 101.73
   LOCATION L0001328     VOLUME   481792.663 3631619.142 101.69
   LOCATION L0001329     VOLUME   481781.522 3631624.094 102.22
   LOCATION L0001330     VOLUME   481785.601 3631633.636 102.27
   LOCATION L0001331     VOLUME   481796.035 3631630.691 101.59
   LOCATION L0001332     VOLUME   481807.105 3631625.582 101.63
   LOCATION L0001333     VOLUME   481815.329 3631630.552 101.70
   LOCATION L0001334     VOLUME   481805.015 3631636.228 101.59
   LOCATION L0001335     VOLUME   481794.150 3631641.759 101.94
   LOCATION L0001336     VOLUME   481792.842 3631650.618 102.64
   LOCATION L0001337     VOLUME   481801.093 3631651.570 102.01
   LOCATION L0001338     VOLUME   481811.585 3631645.361 101.74
   LOCATION L0001339     VOLUME   481820.843 3631645.508 101.82
   LOCATION L0001340     VOLUME   481817.807 3631653.026 101.87
   LOCATION L0001341     VOLUME   481807.159 3631658.964 101.91
** End of LINE VOLUME Source ID = P3
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** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P1SP
** DESCRSRC Phase 1 Site Preparation
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 17
** 481888.174, 3631517.100, 102.42, 5.00, 5.67
** 481845.821, 3631539.453, 102.49, 5.00, 5.67
** 481853.795, 3631553.832, 102.13, 5.00, 5.67
** 481894.580, 3631531.610, 102.21, 5.00, 5.67
** 481908.697, 3631539.192, 102.14, 5.00, 5.67
** 481930.528, 3631537.754, 101.87, 5.00, 5.67
** 481952.358, 3631544.682, 101.90, 5.00, 5.67
** 481969.744, 3631594.878, 101.76, 5.00, 5.67
** 481978.240, 3631625.728, 101.67, 5.00, 5.67
** 481974.972, 3631647.689, 100.13, 5.00, 5.67
** 481969.090, 3631658.147, 101.20, 5.00, 5.67
** 481925.430, 3631684.814, 101.69, 5.00, 5.67
** 481913.011, 3631664.291, 101.28, 5.00, 5.67
** 481968.175, 3631633.964, 101.91, 5.00, 5.67
** 481943.469, 3631553.832, 102.01, 5.00, 5.67
** 481914.057, 3631545.858, 102.05, 5.00, 5.67
** 481956.672, 3631629.911, 101.71, 5.00, 5.67
** ----------------------------------------------------------------------
   LOCATION L0002579     VOLUME   481885.479 3631518.523 102.42
   LOCATION L0002580     VOLUME   481874.696 3631524.213 102.47
   LOCATION L0002581     VOLUME   481863.914 3631529.904 102.46
   LOCATION L0002582     VOLUME   481853.132 3631535.595 102.48
   LOCATION L0002583     VOLUME   481847.725 3631542.886 102.37
   LOCATION L0002584     VOLUME   481853.638 3631553.549 102.14
   LOCATION L0002585     VOLUME   481864.216 3631548.154 102.12
   LOCATION L0002586     VOLUME   481874.922 3631542.321 102.12
   LOCATION L0002587     VOLUME   481885.628 3631536.487 102.13
   LOCATION L0002588     VOLUME   481896.340 3631532.555 102.18
   LOCATION L0002589     VOLUME   481907.081 3631538.324 102.15
   LOCATION L0002590     VOLUME   481919.032 3631538.511 102.15
   LOCATION L0002591     VOLUME   481931.168 3631537.957 101.88
   LOCATION L0002592     VOLUME   481942.789 3631541.645 102.05
   LOCATION L0002593     VOLUME   481953.062 3631546.716 102.03
   LOCATION L0002594     VOLUME   481957.053 3631558.236 102.03
   LOCATION L0002595     VOLUME   481961.043 3631569.757 101.99
   LOCATION L0002596     VOLUME   481965.033 3631581.277 101.93
   LOCATION L0002597     VOLUME   481969.023 3631592.798 101.87
   LOCATION L0002598     VOLUME   481972.396 3631604.510 101.95
   LOCATION L0002599     VOLUME   481975.634 3631616.264 102.03
   LOCATION L0002600     VOLUME   481977.891 3631628.078 101.49
   LOCATION L0002601     VOLUME   481976.096 3631640.137 100.24
   LOCATION L0002602     VOLUME   481972.738 3631651.661 100.45
   LOCATION L0002603     VOLUME   481965.036 3631660.623 101.92
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   LOCATION L0002604     VOLUME   481954.631 3631666.978 101.75
   LOCATION L0002605     VOLUME   481944.226 3631673.333 101.69
   LOCATION L0002606     VOLUME   481933.822 3631679.688 101.71
   LOCATION L0002607     VOLUME   481924.209 3631682.796 101.70
   LOCATION L0002608     VOLUME   481917.897 3631672.365 101.47
   LOCATION L0002609     VOLUME   481915.425 3631662.963 101.30
   LOCATION L0002610     VOLUME   481926.109 3631657.090 101.38
   LOCATION L0002611     VOLUME   481936.793 3631651.216 101.46
   LOCATION L0002612     VOLUME   481947.477 3631645.343 101.56
   LOCATION L0002613     VOLUME   481958.161 3631639.469 101.71
   LOCATION L0002614     VOLUME   481967.950 3631633.233 101.93
   LOCATION L0002615     VOLUME   481964.358 3631621.583 101.86
   LOCATION L0002616     VOLUME   481960.765 3631609.932 101.80
   LOCATION L0002617     VOLUME   481957.173 3631598.281 101.81
   LOCATION L0002618     VOLUME   481953.581 3631586.630 101.81
   LOCATION L0002619     VOLUME   481949.989 3631574.979 101.87
   LOCATION L0002620     VOLUME   481946.397 3631563.329 101.94
   LOCATION L0002621     VOLUME   481941.293 3631553.242 102.02
   LOCATION L0002622     VOLUME   481929.526 3631550.052 102.04
   LOCATION L0002623     VOLUME   481917.758 3631546.862 102.07
   LOCATION L0002624     VOLUME   481917.836 3631553.312 101.99
   LOCATION L0002625     VOLUME   481923.349 3631564.186 101.84
   LOCATION L0002626     VOLUME   481928.862 3631575.061 101.75
   LOCATION L0002627     VOLUME   481934.376 3631585.935 101.72
   LOCATION L0002628     VOLUME   481939.889 3631596.809 101.68
   LOCATION L0002629     VOLUME   481945.402 3631607.683 101.67
   LOCATION L0002630     VOLUME   481950.915 3631618.558 101.70
   LOCATION L0002631     VOLUME   481956.429 3631629.432 101.73
** End of LINE VOLUME Source ID = P1SP
** Source Parameters **
** LINE VOLUME Source ID = P1DEMO
   SRCPARAM L0002991     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0002992     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0002993     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0002994     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0002995     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0002996     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0002997     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0002998     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0002999     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003000     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003001     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003002     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003003     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003004     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003005     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003006     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003007     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003008     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003009     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003010     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003011     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003012     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003013     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003014     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003015     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003016     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003017     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003018     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003019     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003020     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003021     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003022     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003023     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003024     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003025     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003026     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003027     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003028     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003029     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003030     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003031     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003032     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003033     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003034     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003035     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003036     0.0212765957      5.00      5.67      3.40
   SRCPARAM L0003037     0.0212765957      5.00      5.67      3.40
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = P1G
   SRCPARAM L0003038     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003039     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003040     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003041     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003042     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003043     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003044     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003045     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003046     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003047     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003048     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003049     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003050     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003051     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003052     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003053     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003054     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003055     0.0151515152      5.00      5.67      3.40
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   SRCPARAM L0003056     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003057     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003058     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003059     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003060     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003061     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003062     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003063     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003064     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003065     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003066     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003067     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003068     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003069     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003070     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003071     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003072     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003073     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003074     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003075     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003076     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003077     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003078     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003079     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003080     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003081     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003082     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003083     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003084     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003085     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003086     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003087     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003088     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003089     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003090     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003091     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003092     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003093     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003094     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003095     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003096     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003097     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003098     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003099     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003100     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003101     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003102     0.0151515152      5.00      5.67      3.40
   SRCPARAM L0003103     0.0151515152      5.00      5.67      3.40
** --------------------------------------------------------------------
** LINE VOLUME Source ID = P1BC
   SRCPARAM L0000041     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000042     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000043     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000044     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000045     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000046     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000047     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000048     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000049     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000050     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000051     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000052     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000053     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000054     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000055     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000056     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000057     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000058     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000059     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000060     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000061     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000062     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000063     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000064     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000065     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000066     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000067     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000068     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000069     0.0333333333      5.00      5.67      3.40
   SRCPARAM L0000070     0.0333333333      5.00      5.67      3.40
** --------------------------------------------------------------------
** LINE VOLUME Source ID = P1P1
   SRCPARAM L0000071           0.1      5.00      5.67      3.40
   SRCPARAM L0000072           0.1      5.00      5.67      3.40
   SRCPARAM L0000073           0.1      5.00      5.67      3.40
   SRCPARAM L0000074           0.1      5.00      5.67      3.40
   SRCPARAM L0000075           0.1      5.00      5.67      3.40
   SRCPARAM L0000076           0.1      5.00      5.67      3.40
   SRCPARAM L0000077           0.1      5.00      5.67      3.40
   SRCPARAM L0000078           0.1      5.00      5.67      3.40
   SRCPARAM L0000079           0.1      5.00      5.67      3.40
   SRCPARAM L0000080           0.1      5.00      5.67      3.40
** --------------------------------------------------------------------
** LINE VOLUME Source ID = P1P2
   SRCPARAM L0003104          0.04      5.00      5.67      3.40
   SRCPARAM L0003105          0.04      5.00      5.67      3.40
   SRCPARAM L0003106          0.04      5.00      5.67      3.40
   SRCPARAM L0003107          0.04      5.00      5.67      3.40
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   SRCPARAM L0003108          0.04      5.00      5.67      3.40
   SRCPARAM L0003109          0.04      5.00      5.67      3.40
   SRCPARAM L0003110          0.04      5.00      5.67      3.40
   SRCPARAM L0003111          0.04      5.00      5.67      3.40
   SRCPARAM L0003112          0.04      5.00      5.67      3.40
   SRCPARAM L0003113          0.04      5.00      5.67      3.40
   SRCPARAM L0003114          0.04      5.00      5.67      3.40
   SRCPARAM L0003115          0.04      5.00      5.67      3.40
   SRCPARAM L0003116          0.04      5.00      5.67      3.40
   SRCPARAM L0003117          0.04      5.00      5.67      3.40
   SRCPARAM L0003118          0.04      5.00      5.67      3.40
   SRCPARAM L0003119          0.04      5.00      5.67      3.40
   SRCPARAM L0003120          0.04      5.00      5.67      3.40
   SRCPARAM L0003121          0.04      5.00      5.67      3.40
   SRCPARAM L0003122          0.04      5.00      5.67      3.40
   SRCPARAM L0003123          0.04      5.00      5.67      3.40
   SRCPARAM L0003124          0.04      5.00      5.67      3.40
   SRCPARAM L0003125          0.04      5.00      5.67      3.40
   SRCPARAM L0003126          0.04      5.00      5.67      3.40
   SRCPARAM L0003127          0.04      5.00      5.67      3.40
   SRCPARAM L0003128          0.04      5.00      5.67      3.40
** --------------------------------------------------------------------------
** LINE VOLUME Source ID = P2D
   SRCPARAM L0003129     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003130     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003131     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003132     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003133     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003134     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003135     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003136     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003137     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003138     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003139     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003140     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003141     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003142     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003143     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003144     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003145     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003146     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003147     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003148     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003149     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003150     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003151     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003152     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003153     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003154     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003155     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003156     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003157     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003158     0.0322580645      5.00      5.67      3.40
   SRCPARAM L0003159     0.0322580645      5.00      5.67      3.40
** --------------------------------------------------------------------------
** LINE VOLUME Source ID = P2BC
   SRCPARAM L0000253     0.1111111111      5.00      5.67      3.40
   SRCPARAM L0000254     0.1111111111      5.00      5.67      3.40
   SRCPARAM L0000255     0.1111111111      5.00      5.67      3.40
   SRCPARAM L0000256     0.1111111111      5.00      5.67      3.40
   SRCPARAM L0000257     0.1111111111      5.00      5.67      3.40
   SRCPARAM L0000258     0.1111111111      5.00      5.67      3.40
   SRCPARAM L0000259     0.1111111111      5.00      5.67      3.40
   SRCPARAM L0000260     0.1111111111      5.00      5.67      3.40
   SRCPARAM L0000261     0.1111111111      5.00      5.67      3.40
** --------------------------------------------------------------------------
** LINE VOLUME Source ID = P2P
   SRCPARAM L0001301     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0001302     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0001303     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0001304     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0001305     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0001306     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0001307     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0001308     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0001309     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0001310     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0001311     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0001312     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0001313     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0001314     0.0666666667      5.00      5.67      3.40
   SRCPARAM L0001315     0.0666666667      5.00      5.67      3.40
** --------------------------------------------------------------------------
** LINE VOLUME Source ID = P3
   SRCPARAM L0001316     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001317     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001318     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001319     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001320     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001321     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001322     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001323     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001324     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001325     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001326     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001327     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001328     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001329     0.0384615385      5.00      5.67      3.40
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   SRCPARAM L0001330     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001331     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001332     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001333     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001334     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001335     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001336     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001337     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001338     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001339     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001340     0.0384615385      5.00      5.67      3.40
   SRCPARAM L0001341     0.0384615385      5.00      5.67      3.40
** --------------------------------------------------------------------
** LINE VOLUME Source ID = P1SP
   SRCPARAM L0002579     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002580     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002581     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002582     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002583     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002584     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002585     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002586     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002587     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002588     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002589     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002590     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002591     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002592     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002593     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002594     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002595     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002596     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002597     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002598     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002599     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002600     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002601     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002602     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002603     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002604     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002605     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002606     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002607     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002608     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002609     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002610     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002611     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002612     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002613     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002614     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002615     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002616     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002617     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002618     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002619     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002620     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002621     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002622     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002623     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002624     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002625     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002626     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002627     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002628     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002629     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002630     0.0188679245      5.00      5.67      3.40
   SRCPARAM L0002631     0.0188679245      5.00      5.67      3.40
** --------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0002991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002991     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002991     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002992     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002992     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002992     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002992     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002993     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002993     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002994     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002994     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002994     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002994     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002995     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002995     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002995     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002995     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002996     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002996     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002996     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002996     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002997     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002997     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0002997     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0002997     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002998     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002998     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0002998     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0002998     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002999     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002999     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0002999     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0002999     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003000     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003000     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003000     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003000     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003001     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003001     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003002     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003002     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003003     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003003     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003004     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003004     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003006     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003006     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003007     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003007     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003008     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003008     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003009     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003009     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003010     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003010     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003011     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003011     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003012     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003012     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003013     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003013     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003014     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003014     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003015     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT L0002991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0002991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0002992     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0002993     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002994     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0002995     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003000     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003000     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT L0003043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000041     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000041     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000042     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000042     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000043     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000043     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000044     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000044     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000045     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000045     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000046     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000046     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000047     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000047     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000048     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000048     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000049     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000049     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000050     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000050     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000051     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000051     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000052     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000052     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000053     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000053     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000054     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000054     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000055     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000056     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000057     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000058     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000059     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000060     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000061     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000062     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000063     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000065     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000066     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000067     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000068     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000069     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000070     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000071     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000071     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000072     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000072     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000073     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000073     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000074     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000074     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000075     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000075     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000076     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000076     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000077     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000077     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000078     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000078     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000079     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000079     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000080     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000080     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0003104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003104     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003104     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003105     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003105     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003106     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003106     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003107     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003107     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003108     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003108     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003109     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003109     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003110     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003110     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003110     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003110     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003111     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003111     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003112     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003112     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003112     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003112     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003113     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003113     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003113     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003114     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003114     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003114     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003114     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003115     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003115     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003116     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003116     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003117     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003117     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003118     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003118     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003119     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003119     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003120     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003121     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003121     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003122     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003122     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003122     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003123     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003123     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003124     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003124     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003125     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003125     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003126     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003126     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003127     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003127     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003128     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003128     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT L0003104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003110     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003110     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003110     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003112     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003112     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003112     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003112     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003114     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003124     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
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   EMISFACT L0003104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003113     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003155     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0003129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003150     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003150     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003150     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003150     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003151     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003151     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003151     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003151     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003152     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003152     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003152     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003152     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003153     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003153     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003153     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003153     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003154     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003154     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003154     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003154     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003155     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003155     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003155     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003155     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000253     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000253     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000254     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000254     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000255     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000255     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000256     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000256     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000257     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000257     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000258     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000258     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000259     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000259     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000260     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000260     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000261     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000261     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0000253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000258     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000259     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000261     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0001301     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001301     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001301     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001301     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001302     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001302     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001302     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001302     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001303     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001303     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001303     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001303     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001304     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001304     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001305     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001305     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001305     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001305     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001306     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001306     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001306     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001306     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001307     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001307     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001308     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001308     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001309     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001309     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001310     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001310     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001311     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001311     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001312     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001312     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001313     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001313     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001314     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001314     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001315     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001315     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0001301     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001301     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001301     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001301     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001302     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001302     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001302     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001302     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001303     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001303     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001303     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001303     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001305     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001305     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001305     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001305     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001306     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001306     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001306     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001306     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0001301     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001301     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001301     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001301     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001302     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001302     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001302     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001302     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001303     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001303     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001303     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001303     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001305     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001305     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001305     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001305     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001306     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001306     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001306     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001306     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0001316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001316     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001316     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001317     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001317     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001318     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001318     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001319     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001319     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001320     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001320     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001321     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001321     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001321     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001321     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001322     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001322     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001323     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001323     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001323     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001323     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001324     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001324     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001325     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001325     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001325     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001325     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001326     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001326     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001326     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001326     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001327     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001327     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001327     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001327     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001328     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001328     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001328     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001328     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001329     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001329     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001329     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001329     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001330     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001330     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001330     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001330     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001331     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001331     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001331     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001332     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001332     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001332     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001332     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001333     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001333     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001334     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001334     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001334     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001335     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001335     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001335     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001335     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001336     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001336     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001336     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001336     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001337     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001337     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001337     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001337     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001338     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001338     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001338     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001338     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001339     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001339     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001339     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001339     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001340     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001340     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001341     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001341     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0001316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001321     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001321     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001321     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001321     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001323     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001323     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001323     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001323     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001325     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001325     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001325     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001325     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001326     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001326     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001326     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001326     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001327     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001327     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001327     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001327     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001328     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001330     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001331     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001333     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001336     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001337     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001337     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001337     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001337     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001338     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001338     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001338     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001339     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001339     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0001316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001323     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001323     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001325     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001326     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001326     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001326     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001336     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001337     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001337     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001337     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001337     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001338     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001338     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001338     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001339     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001339     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001339     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001339     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0002579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002579     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002579     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002580     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002580     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002581     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002581     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   SRCGROUP P1DEMO   L0003003 L0003004 L0003005 L0003006 L0003007 L0003008
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   SRCGROUP P1P1     L0000077 L0000078 L0000079 L0000080
   SRCGROUP P1P2     L0003104 L0003105 L0003106 L0003107 L0003108 L0003109
   SRCGROUP P1P2     L0003110 L0003111 L0003112 L0003113 L0003114 L0003115
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   SRCGROUP P2D      L0003159
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   SRCGROUP P3       L0001334 L0001335 L0001336 L0001337 L0001338 L0001339
   SRCGROUP P3       L0001340 L0001341
   SRCGROUP ALL
SO FINISHED
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** AERMOD Receptor Pathway
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**
RE STARTING
   INCLUDED "Muir School.rou"
RE FINISHED
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** AERMOD Meteorology Pathway
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**
**
ME STARTING
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   SURFFILE "met data\722903.SFC"
   PROFFILE "met data\722903.PFL"
   SURFDATA 3131 2009 Montgomery_Field_Airport
   UAIRDATA 3190 2009
   PROFBASE 127.1 METERS
ME FINISHED
**
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** AERMOD Output Pathway
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**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL ALL "Muir School.AD\AN00GALL.PLT" 31
   PLOTFILE ANNUAL P1BC "Muir School.AD\AN00G001.PLT" 32
   PLOTFILE ANNUAL P1DEMO "Muir School.AD\AN00G002.PLT" 33
   PLOTFILE ANNUAL P1G "Muir School.AD\AN00G003.PLT" 34
   PLOTFILE ANNUAL P1P1 "Muir School.AD\AN00G004.PLT" 35
   PLOTFILE ANNUAL P1P2 "Muir School.AD\AN00G005.PLT" 36
   PLOTFILE ANNUAL P1SP "Muir School.AD\AN00G006.PLT" 37
   PLOTFILE ANNUAL P2BC "Muir School.AD\AN00G007.PLT" 38
   PLOTFILE ANNUAL P2D "Muir School.AD\AN00G008.PLT" 39
   PLOTFILE ANNUAL P2P "Muir School.AD\AN00G009.PLT" 40
   PLOTFILE ANNUAL P3 "Muir School.AD\AN00G010.PLT" 41
   SUMMFILE "Muir School.sum"
OU FINISHED

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************
```

```
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\AERMOD Projects\Muir School\Muir School.isc     ***
03/29/19
 *** AERMET - VERSION  14134 ***   ***                                                                    ***
14:12:57

PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for   312 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   3337685.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
         1. Stack-tip Downwash.
         2. Model Accounts for ELEVated Terrain Effects.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.
         6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
         CCVR_Sub - Meteorological data includes CCVR substitutions
         TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:    312 Source(s);      11 Source Group(s); and     284 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    312 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  14134

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   127.10 ;  Decay Coef. =    0.000     ;  Rot. Angle =
0.0
                  Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.9 MB of RAM.

 **Input Runstream File:          aermod.inp
 **Output Print File:             aermod.out

 **Detailed Error/Message File:   Muir School.err
 **File for Summary of Results:   Muir School.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0002991	0	0.21277E-01	481793.4	3631568.6	102.4	5.00	5.67	3.40	YES	HRDOW
L0002992	0	0.21277E-01	481804.1	3631562.8	102.3	5.00	5.67	3.40	YES	HRDOW
L0002993	0	0.21277E-01	481814.9	3631557.0	102.5	5.00	5.67	3.40	YES	HRDOW
L0002994	0	0.21277E-01	481825.6	3631551.2	102.3	5.00	5.67	3.40	YES	HRDOW
L0002995	0	0.21277E-01	481836.3	3631545.4	102.4	5.00	5.67	3.40	YES	HRDOW
L0002996	0	0.21277E-01	481843.2	3631552.8	102.2	5.00	5.67	3.40	YES	HRDOW
L0002997	0	0.21277E-01	481836.4	3631559.9	102.2	5.00	5.67	3.40	YES	HRDOW
L0002998	0	0.21277E-01	481825.7	3631565.9	102.1	5.00	5.67	3.40	YES	HRDOW
L0002999	0	0.21277E-01	481815.1	3631571.9	102.1	5.00	5.67	3.40	YES	HRDOW
L0003000	0	0.21277E-01	481804.5	3631577.9	102.1	5.00	5.67	3.40	YES	HRDOW
L0003001	0	0.21277E-01	481799.6	3631585.7	102.0	5.00	5.67	3.40	YES	HRDOW
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L0003003	0	0.21277E-01	481818.3	3631582.4	102.0	5.00	5.67	3.40	YES	HRDOW
L0003004	0	0.21277E-01	481829.1	3631576.6	102.0	5.00	5.67	3.40	YES	HRDOW
L0003005	0	0.21277E-01	481839.8	3631570.9	102.1	5.00	5.67	3.40	YES	HRDOW
L0003006	0	0.21277E-01	481849.9	3631567.1	102.1	5.00	5.67	3.40	YES	HRDOW
L0003007	0	0.21277E-01	481855.5	3631578.0	102.0	5.00	5.67	3.40	YES	HRDOW
L0003008	0	0.21277E-01	481849.7	3631585.3	102.0	5.00	5.67	3.40	YES	HRDOW
L0003009	0	0.21277E-01	481839.0	3631591.0	101.8	5.00	5.67	3.40	YES	HRDOW
L0003010	0	0.21277E-01	481832.7	3631598.0	101.9	5.00	5.67	3.40	YES	HRDOW
L0003011	0	0.21277E-01	481839.2	3631608.3	101.8	5.00	5.67	3.40	YES	HRDOW
L0003012	0	0.21277E-01	481848.0	3631610.1	101.8	5.00	5.67	3.40	YES	HRDOW
L0003013	0	0.21277E-01	481858.8	3631604.4	101.9	5.00	5.67	3.40	YES	HRDOW
L0003014	0	0.21277E-01	481868.9	3631601.0	101.9	5.00	5.67	3.40	YES	HRDOW
L0003015	0	0.21277E-01	481874.0	3631610.8	101.8	5.00	5.67	3.40	YES	HRDOW
L0003016	0	0.21277E-01	481863.2	3631616.5	101.9	5.00	5.67	3.40	YES	HRDOW
L0003017	0	0.21277E-01	481852.4	3631622.1	101.9	5.00	5.67	3.40	YES	HRDOW
L0003018	0	0.21277E-01	481848.2	3631630.4	101.8	5.00	5.67	3.40	YES	HRDOW
L0003019	0	0.21277E-01	481856.7	3631630.3	101.8	5.00	5.67	3.40	YES	HRDOW
L0003020	0	0.21277E-01	481867.4	3631624.4	101.8	5.00	5.67	3.40	YES	HRDOW
L0003021	0	0.21277E-01	481878.1	3631618.6	101.7	5.00	5.67	3.40	YES	HRDOW
L0003022	0	0.21277E-01	481884.6	3631625.2	101.5	5.00	5.67	3.40	YES	HRDOW
L0003023	0	0.21277E-01	481878.1	3631632.3	101.5	5.00	5.67	3.40	YES	HRDOW
L0003024	0	0.21277E-01	481867.2	3631637.8	101.6	5.00	5.67	3.40	YES	HRDOW
L0003025	0	0.21277E-01	481856.7	3631643.4	101.7	5.00	5.67	3.40	YES	HRDOW
L0003026	0	0.21277E-01	481861.0	3631654.8	101.8	5.00	5.67	3.40	YES	HRDOW
L0003027	0	0.21277E-01	481868.4	3631657.7	101.7	5.00	5.67	3.40	YES	HRDOW
L0003028	0	0.21277E-01	481879.0	3631651.8	101.4	5.00	5.67	3.40	YES	HRDOW
L0003029	0	0.21277E-01	481889.7	3631645.8	101.2	5.00	5.67	3.40	YES	HRDOW
L0003030	0	0.21277E-01	481897.6	3631648.8	101.1	5.00	5.67	3.40	YES	HRDOW

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003031	0	0.21277E-01	481900.3	3631658.7	101.2	5.00	5.67	3.40	YES	HRDOW
L0003032	0	0.21277E-01	481889.4	3631664.2	101.5	5.00	5.67	3.40	YES	HRDOW
L0003033	0	0.21277E-01	481878.5	3631669.6	101.7	5.00	5.67	3.40	YES	HRDOW
L0003034	0	0.21277E-01	481873.5	3631677.2	101.9	5.00	5.67	3.40	YES	HRDOW
L0003035	0	0.21277E-01	481879.4	3631685.6	101.9	5.00	5.67	3.40	YES	HRDOW
L0003036	0	0.21277E-01	481890.6	3631680.9	101.7	5.00	5.67	3.40	YES	HRDOW
L0003037	0	0.21277E-01	481901.9	3631676.2	101.6	5.00	5.67	3.40	YES	HRDOW
L0003038	0	0.15152E-01	481793.4	3631568.6	102.4	5.00	5.67	3.40	YES	HRDOW
L0003039	0	0.15152E-01	481804.1	3631562.8	102.3	5.00	5.67	3.40	YES	HRDOW
L0003040	0	0.15152E-01	481814.9	3631557.0	102.5	5.00	5.67	3.40	YES	HRDOW
L0003041	0	0.15152E-01	481825.6	3631551.2	102.3	5.00	5.67	3.40	YES	HRDOW
L0003042	0	0.15152E-01	481836.3	3631545.4	102.4	5.00	5.67	3.40	YES	HRDOW
L0003043	0	0.15152E-01	481846.9	3631539.3	102.5	5.00	5.67	3.40	YES	HRDOW
L0003044	0	0.15152E-01	481857.3	3631533.0	102.5	5.00	5.67	3.40	YES	HRDOW
L0003045	0	0.15152E-01	481867.8	3631526.8	102.5	5.00	5.67	3.40	YES	HRDOW
L0003046	0	0.15152E-01	481878.3	3631520.5	102.5	5.00	5.67	3.40	YES	HRDOW
L0003047	0	0.15152E-01	481888.0	3631516.9	102.4	5.00	5.67	3.40	YES	HRDOW
L0003048	0	0.15152E-01	481893.4	3631527.8	102.2	5.00	5.67	3.40	YES	HRDOW
L0003049	0	0.15152E-01	481884.9	3631534.3	102.1	5.00	5.67	3.40	YES	HRDOW
L0003050	0	0.15152E-01	481874.2	3631540.2	102.1	5.00	5.67	3.40	YES	HRDOW
L0003051	0	0.15152E-01	481863.5	3631546.0	102.1	5.00	5.67	3.40	YES	HRDOW
L0003052	0	0.15152E-01	481852.8	3631551.8	102.2	5.00	5.67	3.40	YES	HRDOW
L0003053	0	0.15152E-01	481842.1	3631557.6	102.2	5.00	5.67	3.40	YES	HRDOW
L0003054	0	0.15152E-01	481831.3	3631563.5	102.1	5.00	5.67	3.40	YES	HRDOW
L0003055	0	0.15152E-01	481820.6	3631569.3	102.1	5.00	5.67	3.40	YES	HRDOW
L0003056	0	0.15152E-01	481809.9	3631575.1	102.1	5.00	5.67	3.40	YES	HRDOW
L0003057	0	0.15152E-01	481799.2	3631580.9	102.1	5.00	5.67	3.40	YES	HRDOW
L0003058	0	0.15152E-01	481802.2	3631591.0	101.9	5.00	5.67	3.40	YES	HRDOW
L0003059	0	0.15152E-01	481813.0	3631585.2	101.9	5.00	5.67	3.40	YES	HRDOW
L0003060	0	0.15152E-01	481823.7	3631579.5	102.0	5.00	5.67	3.40	YES	HRDOW
L0003061	0	0.15152E-01	481834.5	3631573.7	102.0	5.00	5.67	3.40	YES	HRDOW
L0003062	0	0.15152E-01	481845.2	3631568.0	102.1	5.00	5.67	3.40	YES	HRDOW
L0003063	0	0.15152E-01	481852.7	3631572.6	102.0	5.00	5.67	3.40	YES	HRDOW
L0003064	0	0.15152E-01	481855.0	3631582.4	102.0	5.00	5.67	3.40	YES	HRDOW
L0003065	0	0.15152E-01	481844.3	3631588.2	101.9	5.00	5.67	3.40	YES	HRDOW
L0003066	0	0.15152E-01	481833.6	3631593.9	101.9	5.00	5.67	3.40	YES	HRDOW
L0003067	0	0.15152E-01	481835.9	3631603.1	101.8	5.00	5.67	3.40	YES	HRDOW
L0003068	0	0.15152E-01	481842.6	3631612.9	101.8	5.00	5.67	3.40	YES	HRDOW
L0003069	0	0.15152E-01	481853.4	3631607.2	101.8	5.00	5.67	3.40	YES	HRDOW
L0003070	0	0.15152E-01	481864.2	3631601.5	101.9	5.00	5.67	3.40	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003071	0	0.15152E-01	481872.3	3631606.1	101.8	5.00	5.67	3.40	YES	HRDOW
L0003072	0	0.15152E-01	481868.6	3631613.6	101.9	5.00	5.67	3.40	YES	HRDOW
L0003073	0	0.15152E-01	481857.8	3631619.3	101.9	5.00	5.67	3.40	YES	HRDOW
L0003074	0	0.15152E-01	481847.0	3631625.0	101.9	5.00	5.67	3.40	YES	HRDOW
L0003075	0	0.15152E-01	481851.4	3631633.2	101.8	5.00	5.67	3.40	YES	HRDOW
L0003076	0	0.15152E-01	481862.1	3631627.3	101.9	5.00	5.67	3.40	YES	HRDOW
L0003077	0	0.15152E-01	481872.7	3631621.5	101.8	5.00	5.67	3.40	YES	HRDOW
L0003078	0	0.15152E-01	481882.1	3631619.7	101.6	5.00	5.67	3.40	YES	HRDOW
L0003079	0	0.15152E-01	481883.5	3631629.5	101.5	5.00	5.67	3.40	YES	HRDOW
L0003080	0	0.15152E-01	481872.6	3631635.0	101.6	5.00	5.67	3.40	YES	HRDOW
L0003081	0	0.15152E-01	481861.7	3631640.5	101.6	5.00	5.67	3.40	YES	HRDOW
L0003082	0	0.15152E-01	481858.8	3631649.1	101.8	5.00	5.67	3.40	YES	HRDOW
L0003083	0	0.15152E-01	481863.2	3631660.5	101.8	5.00	5.67	3.40	YES	HRDOW
L0003084	0	0.15152E-01	481873.8	3631654.7	101.5	5.00	5.67	3.40	YES	HRDOW
L0003085	0	0.15152E-01	481884.4	3631648.8	101.3	5.00	5.67	3.40	YES	HRDOW
L0003086	0	0.15152E-01	481894.8	3631643.3	101.1	5.00	5.67	3.40	YES	HRDOW
L0003087	0	0.15152E-01	481900.4	3631654.2	101.1	5.00	5.67	3.40	YES	HRDOW
L0003088	0	0.15152E-01	481894.8	3631661.4	101.3	5.00	5.67	3.40	YES	HRDOW
L0003089	0	0.15152E-01	481883.9	3631666.9	101.5	5.00	5.67	3.40	YES	HRDOW
L0003090	0	0.15152E-01	481873.0	3631672.3	101.8	5.00	5.67	3.40	YES	HRDOW
L0003091	0	0.15152E-01	481875.9	3631682.8	102.0	5.00	5.67	3.40	YES	HRDOW
L0003092	0	0.15152E-01	481884.5	3631682.2	101.8	5.00	5.67	3.40	YES	HRDOW
L0003093	0	0.15152E-01	481895.0	3631676.0	101.6	5.00	5.67	3.40	YES	HRDOW
L0003094	0	0.15152E-01	481905.4	3631669.7	101.4	5.00	5.67	3.40	YES	HRDOW
L0003095	0	0.15152E-01	481915.9	3631663.5	101.3	5.00	5.67	3.40	YES	HRDOW
L0003096	0	0.15152E-01	481926.4	3631657.2	101.4	5.00	5.67	3.40	YES	HRDOW
L0003097	0	0.15152E-01	481936.8	3631650.9	101.5	5.00	5.67	3.40	YES	HRDOW
L0003098	0	0.15152E-01	481947.3	3631644.7	101.6	5.00	5.67	3.40	YES	HRDOW
L0003099	0	0.15152E-01	481956.3	3631650.4	101.7	5.00	5.67	3.40	YES	HRDOW
L0003100	0	0.15152E-01	481965.0	3631659.0	101.9	5.00	5.67	3.40	YES	HRDOW
L0003101	0	0.15152E-01	481955.6	3631665.3	101.8	5.00	5.67	3.40	YES	HRDOW
L0003102	0	0.15152E-01	481945.1	3631671.5	101.7	5.00	5.67	3.40	YES	HRDOW
L0003103	0	0.15152E-01	481934.6	3631677.7	101.7	5.00	5.67	3.40	YES	HRDOW
L0000041	0	0.33333E-01	481877.8	3631622.3	101.6	5.00	5.67	3.40	YES	HRDOW
L0000042	0	0.33333E-01	481866.8	3631627.5	101.8	5.00	5.67	3.40	YES	HRDOW
L0000043	0	0.33333E-01	481855.8	3631632.7	101.8	5.00	5.67	3.40	YES	HRDOW
L0000044	0	0.33333E-01	481848.9	3631622.7	101.9	5.00	5.67	3.40	YES	HRDOW
L0000045	0	0.33333E-01	481859.5	3631617.3	101.9	5.00	5.67	3.40	YES	HRDOW
L0000046	0	0.33333E-01	481870.5	3631612.0	101.9	5.00	5.67	3.40	YES	HRDOW
L0000047	0	0.33333E-01	481871.5	3631603.5	101.9	5.00	5.67	3.40	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000048	0	0.33333E-01	481865.0	3631594.4	102.0	5.00	5.67	3.40	YES	HRDOW
L0000049	0	0.33333E-01	481854.1	3631599.7	101.9	5.00	5.67	3.40	YES	HRDOW
L0000050	0	0.33333E-01	481843.1	3631605.0	101.8	5.00	5.67	3.40	YES	HRDOW
L0000051	0	0.33333E-01	481834.8	3631600.6	101.9	5.00	5.67	3.40	YES	HRDOW
L0000052	0	0.33333E-01	481831.8	3631591.3	101.9	5.00	5.67	3.40	YES	HRDOW
L0000053	0	0.33333E-01	481842.7	3631585.8	101.9	5.00	5.67	3.40	YES	HRDOW
L0000054	0	0.33333E-01	481853.6	3631580.3	102.0	5.00	5.67	3.40	YES	HRDOW
L0000055	0	0.33333E-01	481853.7	3631571.1	102.0	5.00	5.67	3.40	YES	HRDOW
L0000056	0	0.33333E-01	481846.5	3631566.0	102.1	5.00	5.67	3.40	YES	HRDOW
L0000057	0	0.33333E-01	481835.8	3631571.9	102.1	5.00	5.67	3.40	YES	HRDOW
L0000058	0	0.33333E-01	481825.2	3631577.8	102.0	5.00	5.67	3.40	YES	HRDOW
L0000059	0	0.33333E-01	481814.5	3631583.7	102.0	5.00	5.67	3.40	YES	HRDOW
L0000060	0	0.33333E-01	481803.8	3631589.5	101.9	5.00	5.67	3.40	YES	HRDOW
L0000061	0	0.33333E-01	481797.0	3631583.0	102.1	5.00	5.67	3.40	YES	HRDOW
L0000062	0	0.33333E-01	481805.7	3631576.5	102.1	5.00	5.67	3.40	YES	HRDOW
L0000063	0	0.33333E-01	481816.4	3631570.6	102.1	5.00	5.67	3.40	YES	HRDOW
L0000064	0	0.33333E-01	481827.1	3631564.7	102.1	5.00	5.67	3.40	YES	HRDOW
L0000065	0	0.33333E-01	481837.7	3631558.8	102.2	5.00	5.67	3.40	YES	HRDOW
L0000066	0	0.33333E-01	481841.0	3631550.8	102.2	5.00	5.67	3.40	YES	HRDOW
L0000067	0	0.33333E-01	481833.4	3631545.9	102.5	5.00	5.67	3.40	YES	HRDOW
L0000068	0	0.33333E-01	481822.8	3631552.0	102.3	5.00	5.67	3.40	YES	HRDOW
L0000069	0	0.33333E-01	481812.2	3631558.0	102.4	5.00	5.67	3.40	YES	HRDOW
L0000070	0	0.33333E-01	481801.6	3631564.1	102.4	5.00	5.67	3.40	YES	HRDOW
L0000071	0	0.10000E+00	481854.7	3631555.0	102.1	5.00	5.67	3.40	YES	HRDOW
L0000072	0	0.10000E+00	481865.4	3631549.2	102.1	5.00	5.67	3.40	YES	HRDOW
L0000073	0	0.10000E+00	481876.2	3631543.3	102.1	5.00	5.67	3.40	YES	HRDOW
L0000074	0	0.10000E+00	481886.9	3631537.5	102.1	5.00	5.67	3.40	YES	HRDOW
L0000075	0	0.10000E+00	481894.1	3631530.4	102.2	5.00	5.67	3.40	YES	HRDOW
L0000076	0	0.10000E+00	481889.5	3631519.1	102.4	5.00	5.67	3.40	YES	HRDOW
L0000077	0	0.10000E+00	481880.7	3631519.9	102.5	5.00	5.67	3.40	YES	HRDOW
L0000078	0	0.10000E+00	481870.0	3631525.8	102.5	5.00	5.67	3.40	YES	HRDOW
L0000079	0	0.10000E+00	481859.4	3631531.8	102.5	5.00	5.67	3.40	YES	HRDOW
L0000080	0	0.10000E+00	481848.8	3631537.8	102.5	5.00	5.67	3.40	YES	HRDOW
L0003104	0	0.40000E-01	481925.4	3631685.5	101.8	5.00	5.67	3.40	YES	HRDOW
L0003105	0	0.40000E-01	481935.9	3631679.4	101.7	5.00	5.67	3.40	YES	HRDOW
L0003106	0	0.40000E-01	481946.5	3631673.3	101.7	5.00	5.67	3.40	YES	HRDOW
L0003107	0	0.40000E-01	481957.0	3631667.2	101.8	5.00	5.67	3.40	YES	HRDOW
L0003108	0	0.40000E-01	481963.5	3631659.8	101.9	5.00	5.67	3.40	YES	HRDOW
L0003109	0	0.40000E-01	481958.4	3631648.8	101.7	5.00	5.67	3.40	YES	HRDOW
L0003110	0	0.40000E-01	481950.8	3631645.2	101.6	5.00	5.67	3.40	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003111	0	0.40000E-01	481940.1	3631651.0	101.5	5.00	5.67	3.40	YES	HRDOW
L0003112	0	0.40000E-01	481929.5	3631656.9	101.4	5.00	5.67	3.40	YES	HRDOW
L0003113	0	0.40000E-01	481918.8	3631662.8	101.3	5.00	5.67	3.40	YES	HRDOW
L0003114	0	0.40000E-01	481907.9	3631668.3	101.3	5.00	5.67	3.40	YES	HRDOW
L0003115	0	0.40000E-01	481897.0	3631673.8	101.5	5.00	5.67	3.40	YES	HRDOW
L0003116	0	0.40000E-01	481886.1	3631679.3	101.7	5.00	5.67	3.40	YES	HRDOW
L0003117	0	0.40000E-01	481876.2	3631682.1	102.0	5.00	5.67	3.40	YES	HRDOW
L0003118	0	0.40000E-01	481874.7	3631671.6	101.7	5.00	5.67	3.40	YES	HRDOW
L0003119	0	0.40000E-01	481884.7	3631664.7	101.5	5.00	5.67	3.40	YES	HRDOW
L0003120	0	0.40000E-01	481894.8	3631657.8	101.2	5.00	5.67	3.40	YES	HRDOW
L0003121	0	0.40000E-01	481895.1	3631648.4	101.1	5.00	5.67	3.40	YES	HRDOW
L0003122	0	0.40000E-01	481887.5	3631645.2	101.2	5.00	5.67	3.40	YES	HRDOW
L0003123	0	0.40000E-01	481877.3	3631651.9	101.5	5.00	5.67	3.40	YES	HRDOW
L0003124	0	0.40000E-01	481867.1	3631658.6	101.7	5.00	5.67	3.40	YES	HRDOW
L0003125	0	0.40000E-01	481861.0	3631651.4	101.8	5.00	5.67	3.40	YES	HRDOW
L0003126	0	0.40000E-01	481860.8	3631641.7	101.6	5.00	5.67	3.40	YES	HRDOW
L0003127	0	0.40000E-01	481871.0	3631635.1	101.6	5.00	5.67	3.40	YES	HRDOW
L0003128	0	0.40000E-01	481881.2	3631628.4	101.5	5.00	5.67	3.40	YES	HRDOW
L0003129	0	0.32258E-01	481912.3	3631770.1	103.0	5.00	5.67	3.40	YES	HRDOW
L0003130	0	0.32258E-01	481906.1	3631759.6	102.2	5.00	5.67	3.40	YES	HRDOW
L0003131	0	0.32258E-01	481899.9	3631749.0	102.1	5.00	5.67	3.40	YES	HRDOW
L0003132	0	0.32258E-01	481893.7	3631738.5	102.3	5.00	5.67	3.40	YES	HRDOW
L0003133	0	0.32258E-01	481887.6	3631728.0	102.4	5.00	5.67	3.40	YES	HRDOW
L0003134	0	0.32258E-01	481885.2	3631716.3	102.3	5.00	5.67	3.40	YES	HRDOW
L0003135	0	0.32258E-01	481884.3	3631704.2	102.1	5.00	5.67	3.40	YES	HRDOW
L0003136	0	0.32258E-01	481883.5	3631692.0	101.9	5.00	5.67	3.40	YES	HRDOW
L0003137	0	0.32258E-01	481894.4	3631694.4	101.9	5.00	5.67	3.40	YES	HRDOW
L0003138	0	0.32258E-01	481906.1	3631697.7	102.0	5.00	5.67	3.40	YES	HRDOW
L0003139	0	0.32258E-01	481913.1	3631702.9	102.1	5.00	5.67	3.40	YES	HRDOW
L0003140	0	0.32258E-01	481907.1	3631713.2	102.1	5.00	5.67	3.40	YES	HRDOW
L0003141	0	0.32258E-01	481913.7	3631723.4	102.3	5.00	5.67	3.40	YES	HRDOW
L0003142	0	0.32258E-01	481920.4	3631733.6	102.1	5.00	5.67	3.40	YES	HRDOW
L0003143	0	0.32258E-01	481927.1	3631743.8	102.1	5.00	5.67	3.40	YES	HRDOW
L0003144	0	0.32258E-01	481935.7	3631743.6	102.2	5.00	5.67	3.40	YES	HRDOW
L0003145	0	0.32258E-01	481945.5	3631736.5	102.4	5.00	5.67	3.40	YES	HRDOW
L0003146	0	0.32258E-01	481956.2	3631732.7	102.5	5.00	5.67	3.40	YES	HRDOW
L0003147	0	0.32258E-01	481968.2	3631734.8	102.5	5.00	5.67	3.40	YES	HRDOW
L0003148	0	0.32258E-01	481968.0	3631738.9	102.5	5.00	5.67	3.40	YES	HRDOW
L0003149	0	0.32258E-01	481957.3	3631744.7	102.7	5.00	5.67	3.40	YES	HRDOW
L0003150	0	0.32258E-01	481946.6	3631750.6	102.7	5.00	5.67	3.40	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003151	0	0.32258E-01	481935.9	3631756.5	102.5	5.00	5.67	3.40	YES	HRDOW
L0003152	0	0.32258E-01	481925.2	3631762.3	103.0	5.00	5.67	3.40	YES	HRDOW
L0003153	0	0.32258E-01	481917.4	3631759.6	102.5	5.00	5.67	3.40	YES	HRDOW
L0003154	0	0.32258E-01	481912.3	3631748.5	102.2	5.00	5.67	3.40	YES	HRDOW
L0003155	0	0.32258E-01	481907.3	3631737.4	102.2	5.00	5.67	3.40	YES	HRDOW
L0003156	0	0.32258E-01	481902.3	3631726.2	102.3	5.00	5.67	3.40	YES	HRDOW
L0003157	0	0.32258E-01	481898.9	3631714.6	102.3	5.00	5.67	3.40	YES	HRDOW
L0003158	0	0.32258E-01	481897.3	3631702.6	102.1	5.00	5.67	3.40	YES	HRDOW
L0003159	0	0.32258E-01	481895.6	3631690.5	101.8	5.00	5.67	3.40	YES	HRDOW
L0000253	0	0.11111E+00	481911.0	3631701.5	102.1	5.00	5.67	3.40	YES	HRDOW
L0000254	0	0.11111E+00	481903.1	3631699.7	102.0	5.00	5.67	3.40	YES	HRDOW
L0000255	0	0.11111E+00	481895.2	3631708.9	102.2	5.00	5.67	3.40	YES	HRDOW
L0000256	0	0.11111E+00	481887.2	3631718.1	102.3	5.00	5.67	3.40	YES	HRDOW
L0000257	0	0.11111E+00	481880.9	3631727.5	102.5	5.00	5.67	3.40	YES	HRDOW
L0000258	0	0.11111E+00	481887.6	3631737.7	102.4	5.00	5.67	3.40	YES	HRDOW
L0000259	0	0.11111E+00	481896.1	3631739.5	102.2	5.00	5.67	3.40	YES	HRDOW
L0000260	0	0.11111E+00	481903.5	3631731.4	102.2	5.00	5.67	3.40	YES	HRDOW
L0000261	0	0.11111E+00	481899.7	3631720.9	102.3	5.00	5.67	3.40	YES	HRDOW
L0001301	0	0.66667E-01	481911.5	3631770.4	103.0	5.00	5.67	3.40	YES	HRDOW
L0001302	0	0.66667E-01	481906.1	3631759.5	102.2	5.00	5.67	3.40	YES	HRDOW
L0001303	0	0.66667E-01	481902.4	3631749.3	102.1	5.00	5.67	3.40	YES	HRDOW
L0001304	0	0.66667E-01	481912.6	3631747.6	102.2	5.00	5.67	3.40	YES	HRDOW
L0001305	0	0.66667E-01	481918.1	3631758.5	102.5	5.00	5.67	3.40	YES	HRDOW
L0001306	0	0.66667E-01	481925.9	3631762.4	103.0	5.00	5.67	3.40	YES	HRDOW
L0001307	0	0.66667E-01	481931.9	3631755.9	102.4	5.00	5.67	3.40	YES	HRDOW
L0001308	0	0.66667E-01	481923.8	3631746.8	102.2	5.00	5.67	3.40	YES	HRDOW
L0001309	0	0.66667E-01	481931.3	3631740.9	102.2	5.00	5.67	3.40	YES	HRDOW
L0001310	0	0.66667E-01	481939.3	3631745.6	102.3	5.00	5.67	3.40	YES	HRDOW
L0001311	0	0.66667E-01	481947.0	3631751.7	102.7	5.00	5.67	3.40	YES	HRDOW
L0001312	0	0.66667E-01	481955.8	3631746.5	102.8	5.00	5.67	3.40	YES	HRDOW
L0001313	0	0.66667E-01	481946.3	3631738.9	102.4	5.00	5.67	3.40	YES	HRDOW
L0001314	0	0.66667E-01	481954.0	3631733.4	102.5	5.00	5.67	3.40	YES	HRDOW
L0001315	0	0.66667E-01	481964.6	3631737.5	102.6	5.00	5.67	3.40	YES	HRDOW
L0001316	0	0.38462E-01	481761.6	3631585.5	102.8	5.00	5.67	3.40	YES	HRDOW
L0001317	0	0.38462E-01	481772.4	3631579.9	102.2	5.00	5.67	3.40	YES	HRDOW
L0001318	0	0.38462E-01	481783.3	3631574.3	102.4	5.00	5.67	3.40	YES	HRDOW
L0001319	0	0.38462E-01	481790.8	3631580.6	102.1	5.00	5.67	3.40	YES	HRDOW
L0001320	0	0.38462E-01	481788.8	3631588.7	102.0	5.00	5.67	3.40	YES	HRDOW
L0001321	0	0.38462E-01	481777.9	3631594.2	102.0	5.00	5.67	3.40	YES	HRDOW
L0001322	0	0.38462E-01	481767.1	3631599.8	102.3	5.00	5.67	3.40	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001323	0	0.38462E-01	481771.8	3631609.6	102.7	5.00	5.67	3.40	YES	HRDOW
L0001324	0	0.38462E-01	481780.5	3631611.5	101.9	5.00	5.67	3.40	YES	HRDOW
L0001325	0	0.38462E-01	481791.3	3631605.8	101.8	5.00	5.67	3.40	YES	HRDOW
L0001326	0	0.38462E-01	481800.8	3631603.9	101.8	5.00	5.67	3.40	YES	HRDOW
L0001327	0	0.38462E-01	481803.8	3631614.2	101.7	5.00	5.67	3.40	YES	HRDOW
L0001328	0	0.38462E-01	481792.7	3631619.1	101.7	5.00	5.67	3.40	YES	HRDOW
L0001329	0	0.38462E-01	481781.5	3631624.1	102.2	5.00	5.67	3.40	YES	HRDOW
L0001330	0	0.38462E-01	481785.6	3631633.6	102.3	5.00	5.67	3.40	YES	HRDOW
L0001331	0	0.38462E-01	481796.0	3631630.7	101.6	5.00	5.67	3.40	YES	HRDOW
L0001332	0	0.38462E-01	481807.1	3631625.6	101.6	5.00	5.67	3.40	YES	HRDOW
L0001333	0	0.38462E-01	481815.3	3631630.6	101.7	5.00	5.67	3.40	YES	HRDOW
L0001334	0	0.38462E-01	481805.0	3631636.2	101.6	5.00	5.67	3.40	YES	HRDOW
L0001335	0	0.38462E-01	481794.1	3631641.8	101.9	5.00	5.67	3.40	YES	HRDOW
L0001336	0	0.38462E-01	481792.8	3631650.6	102.6	5.00	5.67	3.40	YES	HRDOW
L0001337	0	0.38462E-01	481801.1	3631651.6	102.0	5.00	5.67	3.40	YES	HRDOW
L0001338	0	0.38462E-01	481811.6	3631645.4	101.7	5.00	5.67	3.40	YES	HRDOW
L0001339	0	0.38462E-01	481820.8	3631645.5	101.8	5.00	5.67	3.40	YES	HRDOW
L0001340	0	0.38462E-01	481817.8	3631653.0	101.9	5.00	5.67	3.40	YES	HRDOW
L0001341	0	0.38462E-01	481807.2	3631659.0	101.9	5.00	5.67	3.40	YES	HRDOW
L0002579	0	0.18868E-01	481885.5	3631518.5	102.4	5.00	5.67	3.40	YES	HRDOW
L0002580	0	0.18868E-01	481874.7	3631524.2	102.5	5.00	5.67	3.40	YES	HRDOW
L0002581	0	0.18868E-01	481863.9	3631529.9	102.5	5.00	5.67	3.40	YES	HRDOW
L0002582	0	0.18868E-01	481853.1	3631535.6	102.5	5.00	5.67	3.40	YES	HRDOW
L0002583	0	0.18868E-01	481847.7	3631542.9	102.4	5.00	5.67	3.40	YES	HRDOW
L0002584	0	0.18868E-01	481853.6	3631553.5	102.1	5.00	5.67	3.40	YES	HRDOW
L0002585	0	0.18868E-01	481864.2	3631548.2	102.1	5.00	5.67	3.40	YES	HRDOW
L0002586	0	0.18868E-01	481874.9	3631542.3	102.1	5.00	5.67	3.40	YES	HRDOW
L0002587	0	0.18868E-01	481885.6	3631536.5	102.1	5.00	5.67	3.40	YES	HRDOW
L0002588	0	0.18868E-01	481896.3	3631532.6	102.2	5.00	5.67	3.40	YES	HRDOW
L0002589	0	0.18868E-01	481907.1	3631538.3	102.1	5.00	5.67	3.40	YES	HRDOW
L0002590	0	0.18868E-01	481919.0	3631538.5	102.1	5.00	5.67	3.40	YES	HRDOW
L0002591	0	0.18868E-01	481931.2	3631538.0	101.9	5.00	5.67	3.40	YES	HRDOW
L0002592	0	0.18868E-01	481942.8	3631541.6	102.0	5.00	5.67	3.40	YES	HRDOW
L0002593	0	0.18868E-01	481953.1	3631546.7	102.0	5.00	5.67	3.40	YES	HRDOW
L0002594	0	0.18868E-01	481957.1	3631558.2	102.0	5.00	5.67	3.40	YES	HRDOW
L0002595	0	0.18868E-01	481961.0	3631569.8	102.0	5.00	5.67	3.40	YES	HRDOW
L0002596	0	0.18868E-01	481965.0	3631581.3	101.9	5.00	5.67	3.40	YES	HRDOW
L0002597	0	0.18868E-01	481969.0	3631592.8	101.9	5.00	5.67	3.40	YES	HRDOW
L0002598	0	0.18868E-01	481972.4	3631604.5	102.0	5.00	5.67	3.40	YES	HRDOW
L0002599	0	0.18868E-01	481975.6	3631616.3	102.0	5.00	5.67	3.40	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0002600	0	0.18868E-01	481977.9	3631628.1	101.5	5.00	5.67	3.40	YES	HRDOW
L0002601	0	0.18868E-01	481976.1	3631640.1	100.2	5.00	5.67	3.40	YES	HRDOW
L0002602	0	0.18868E-01	481972.7	3631651.7	100.5	5.00	5.67	3.40	YES	HRDOW
L0002603	0	0.18868E-01	481965.0	3631660.6	101.9	5.00	5.67	3.40	YES	HRDOW
L0002604	0	0.18868E-01	481954.6	3631667.0	101.8	5.00	5.67	3.40	YES	HRDOW
L0002605	0	0.18868E-01	481944.2	3631673.3	101.7	5.00	5.67	3.40	YES	HRDOW
L0002606	0	0.18868E-01	481933.8	3631679.7	101.7	5.00	5.67	3.40	YES	HRDOW
L0002607	0	0.18868E-01	481924.2	3631682.8	101.7	5.00	5.67	3.40	YES	HRDOW
L0002608	0	0.18868E-01	481917.9	3631672.4	101.5	5.00	5.67	3.40	YES	HRDOW
L0002609	0	0.18868E-01	481915.4	3631663.0	101.3	5.00	5.67	3.40	YES	HRDOW
L0002610	0	0.18868E-01	481926.1	3631657.1	101.4	5.00	5.67	3.40	YES	HRDOW
L0002611	0	0.18868E-01	481936.8	3631651.2	101.5	5.00	5.67	3.40	YES	HRDOW
L0002612	0	0.18868E-01	481947.5	3631645.3	101.6	5.00	5.67	3.40	YES	HRDOW
L0002613	0	0.18868E-01	481958.2	3631639.5	101.7	5.00	5.67	3.40	YES	HRDOW
L0002614	0	0.18868E-01	481968.0	3631633.2	101.9	5.00	5.67	3.40	YES	HRDOW
L0002615	0	0.18868E-01	481964.4	3631621.6	101.9	5.00	5.67	3.40	YES	HRDOW
L0002616	0	0.18868E-01	481960.8	3631609.9	101.8	5.00	5.67	3.40	YES	HRDOW
L0002617	0	0.18868E-01	481957.2	3631598.3	101.8	5.00	5.67	3.40	YES	HRDOW
L0002618	0	0.18868E-01	481953.6	3631586.6	101.8	5.00	5.67	3.40	YES	HRDOW
L0002619	0	0.18868E-01	481950.0	3631575.0	101.9	5.00	5.67	3.40	YES	HRDOW
L0002620	0	0.18868E-01	481946.4	3631563.3	101.9	5.00	5.67	3.40	YES	HRDOW
L0002621	0	0.18868E-01	481941.3	3631553.2	102.0	5.00	5.67	3.40	YES	HRDOW
L0002622	0	0.18868E-01	481929.5	3631550.1	102.0	5.00	5.67	3.40	YES	HRDOW
L0002623	0	0.18868E-01	481917.8	3631546.9	102.1	5.00	5.67	3.40	YES	HRDOW
L0002624	0	0.18868E-01	481917.8	3631553.3	102.0	5.00	5.67	3.40	YES	HRDOW
L0002625	0	0.18868E-01	481923.3	3631564.2	101.8	5.00	5.67	3.40	YES	HRDOW
L0002626	0	0.18868E-01	481928.9	3631575.1	101.8	5.00	5.67	3.40	YES	HRDOW
L0002627	0	0.18868E-01	481934.4	3631585.9	101.7	5.00	5.67	3.40	YES	HRDOW
L0002628	0	0.18868E-01	481939.9	3631596.8	101.7	5.00	5.67	3.40	YES	HRDOW
L0002629	0	0.18868E-01	481945.4	3631607.7	101.7	5.00	5.67	3.40	YES	HRDOW
L0002630	0	0.18868E-01	481950.9	3631618.6	101.7	5.00	5.67	3.40	YES	HRDOW
L0002631	0	0.18868E-01	481956.4	3631629.4	101.7	5.00	5.67	3.40	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
P1BC	L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
	L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,
	L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 ,
P1DEMO	L0002991 , L0002992 , L0002993 , L0002994 , L0002995 , L0002996 , L0002997 , L0002998 ,
	L0002999 , L0003000 , L0003001 , L0003002 , L0003003 , L0003004 , L0003005 , L0003006 ,
	L0003007 , L0003008 , L0003009 , L0003010 , L0003011 , L0003012 , L0003013 , L0003014 ,
	L0003015 , L0003016 , L0003017 , L0003018 , L0003019 , L0003020 , L0003021 , L0003022 ,
	L0003023 , L0003024 , L0003025 , L0003026 , L0003027 , L0003028 , L0003029 , L0003030 ,
	L0003031 , L0003032 , L0003033 , L0003034 , L0003035 , L0003036 , L0003037 ,
P1G	L0003038 , L0003039 , L0003040 , L0003041 , L0003042 , L0003043 , L0003044 , L0003045 ,
	L0003046 , L0003047 , L0003048 , L0003049 , L0003050 , L0003051 , L0003052 , L0003053 ,
	L0003054 , L0003055 , L0003056 , L0003057 , L0003058 , L0003059 , L0003060 , L0003061 ,
	L0003062 , L0003063 , L0003064 , L0003065 , L0003066 , L0003067 , L0003068 , L0003069 ,
	L0003070 , L0003071 , L0003072 , L0003073 , L0003074 , L0003075 , L0003076 , L0003077 ,
	L0003078 , L0003079 , L0003080 , L0003081 , L0003082 , L0003083 , L0003084 , L0003085 ,
	L0003086 , L0003087 , L0003088 , L0003089 , L0003090 , L0003091 , L0003092 , L0003093 ,
	L0003094 , L0003095 , L0003096 , L0003097 , L0003098 , L0003099 , L0003100 , L0003101 ,
	L0003102 , L0003103 ,
P1P1	L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000079 , L0000080 ,
P1P2	L0003104 , L0003105 , L0003106 , L0003107 , L0003108 , L0003109 , L0003110 , L0003111 ,
	L0003112 , L0003113 , L0003114 , L0003115 , L0003116 , L0003117 , L0003118 , L0003119 ,
	L0003120 , L0003121 , L0003122 , L0003123 , L0003124 , L0003125 , L0003126 , L0003127 ,
	L0003128 ,
P1SP	L0002579 , L0002580 , L0002581 , L0002582 , L0002583 , L0002584 , L0002585 , L0002586 ,
	L0002587 , L0002588 , L0002589 , L0002590 , L0002591 , L0002592 , L0002593 , L0002594 ,
	L0002595 , L0002596 , L0002597 , L0002598 , L0002599 , L0002600 , L0002601 , L0002602 ,
	L0002603 , L0002604 , L0002605 , L0002606 , L0002607 , L0002608 , L0002609 , L0002610 ,
	L0002611 , L0002612 , L0002613 , L0002614 , L0002615 , L0002616 , L0002617 , L0002618 ,
	L0002619 , L0002620 , L0002621 , L0002622 , L0002623 , L0002624 , L0002625 , L0002626 ,
	L0002627 , L0002628 , L0002629 , L0002630 , L0002631 ,
P2BC	L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 , L0000259 , L0000260 ,
	L0000261 ,
P2D	L0003129 , L0003130 , L0003131 , L0003132 , L0003133 , L0003134 , L0003135 , L0003136 ,
	L0003137 , L0003138 , L0003139 , L0003140 , L0003141 , L0003142 , L0003143 , L0003144 ,
	L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 , L0003151 , L0003152 ,
	L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 , L0003159 ,
P2P	L0001301 , L0001302 , L0001303 , L0001304 , L0001305 , L0001306 , L0001307 , L0001308 ,
	L0001309 , L0001310 , L0001311 , L0001312 , L0001313 , L0001314 , L0001315 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
P3	L0001316 , L0001317 , L0001318 , L0001319 , L0001320 , L0001321 , L0001322 , L0001323 ,
	L0001324 , L0001325 , L0001326 , L0001327 , L0001328 , L0001329 , L0001330 , L0001331 ,
	L0001332 , L0001333 , L0001334 , L0001335 , L0001336 , L0001337 , L0001338 , L0001339 ,
	L0001340 , L0001341 ,
ALL	L0002991 , L0002992 , L0002993 , L0002994 , L0002995 , L0002996 , L0002997 , L0002998 ,
	L0002999 , L0003000 , L0003001 , L0003002 , L0003003 , L0003004 , L0003005 , L0003006 ,
	L0003007 , L0003008 , L0003009 , L0003010 , L0003011 , L0003012 , L0003013 , L0003014 ,
	L0003015 , L0003016 , L0003017 , L0003018 , L0003019 , L0003020 , L0003021 , L0003022 ,
	L0003023 , L0003024 , L0003025 , L0003026 , L0003027 , L0003028 , L0003029 , L0003030 ,
	L0003031 , L0003032 , L0003033 , L0003034 , L0003035 , L0003036 , L0003037 , L0003038 ,
	L0003039 , L0003040 , L0003041 , L0003042 , L0003043 , L0003044 , L0003045 , L0003046 ,
	L0003047 , L0003048 , L0003049 , L0003050 , L0003051 , L0003052 , L0003053 , L0003054 ,
	L0003055 , L0003056 , L0003057 , L0003058 , L0003059 , L0003060 , L0003061 , L0003062 ,
	L0003063 , L0003064 , L0003065 , L0003066 , L0003067 , L0003068 , L0003069 , L0003070 ,
	L0003071 , L0003072 , L0003073 , L0003074 , L0003075 , L0003076 , L0003077 , L0003078 ,
	L0003079 , L0003080 , L0003081 , L0003082 , L0003083 , L0003084 , L0003085 , L0003086 ,
	L0003087 , L0003088 , L0003089 , L0003090 , L0003091 , L0003092 , L0003093 , L0003094 ,
	L0003095 , L0003096 , L0003097 , L0003098 , L0003099 , L0003100 , L0003101 , L0003102 ,
	L0003103 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 ,
	L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 ,
	L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 ,
	L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 ,
	L0000080 , L0003104 , L0003105 , L0003106 , L0003107 , L0003108 , L0003109 , L0003110 ,
	L0003111 , L0003112 , L0003113 , L0003114 , L0003115 , L0003116 , L0003117 , L0003118 ,
	L0003119 , L0003120 , L0003121 , L0003122 , L0003123 , L0003124 , L0003125 , L0003126 ,
	L0003127 , L0003128 , L0003129 , L0003130 , L0003131 , L0003132 , L0003133 , L0003134 ,
	L0003135 , L0003136 , L0003137 , L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
	L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
	L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
	L0003159 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 , L0000259 ,
	L0000260 , L0000261 , L0001301 , L0001302 , L0001303 , L0001304 , L0001305 , L0001306 ,
	L0001307 , L0001308 , L0001309 , L0001310 , L0001311 , L0001312 , L0001313 , L0001314 ,
	L0001315 , L0001316 , L0001317 , L0001318 , L0001319 , L0001320 , L0001321 , L0001322 ,
	L0001323 , L0001324 , L0001325 , L0001326 , L0001327 , L0001328 , L0001329 , L0001330 ,
	L0001331 , L0001332 , L0001333 , L0001334 , L0001335 , L0001336 , L0001337 , L0001338 ,
	L0001339 , L0001340 , L0001341 , L0002579 , L0002580 , L0002581 , L0002582 , L0002583 ,
	L0002584 , L0002585 , L0002586 , L0002587 , L0002588 , L0002589 , L0002590 , L0002591 ,
	L0002592 , L0002593 , L0002594 , L0002595 , L0002596 , L0002597 , L0002598 , L0002599 ,
	L0002600 , L0002601 , L0002602 , L0002603 , L0002604 , L0002605 , L0002606 , L0002607 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0002608 , L0002609 , L0002610 , L0002611 , L0002612 , L0002613 , L0002614 , L0002615 ,
	L0002616 , L0002617 , L0002618 , L0002619 , L0002620 , L0002621 , L0002622 , L0002623 ,
	L0002624 , L0002625 , L0002626 , L0002627 , L0002628 , L0002629 , L0002630 , L0002631 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	3337685.	L0002991 , L0002992 , L0002993 , L0002994 , L0002995 , L0002996 , L0002997 , L0002998 ,
		L0002999 , L0003000 , L0003001 , L0003002 , L0003003 , L0003004 , L0003005 , L0003006 ,
		L0003007 , L0003008 , L0003009 , L0003010 , L0003011 , L0003012 , L0003013 , L0003014 ,
		L0003015 , L0003016 , L0003017 , L0003018 , L0003019 , L0003020 , L0003021 , L0003022 ,
		L0003023 , L0003024 , L0003025 , L0003026 , L0003027 , L0003028 , L0003029 , L0003030 ,
		L0003031 , L0003032 , L0003033 , L0003034 , L0003035 , L0003036 , L0003037 , L0003038 ,
		L0003039 , L0003040 , L0003041 , L0003042 , L0003043 , L0003044 , L0003045 , L0003046 ,
		L0003047 , L0003048 , L0003049 , L0003050 , L0003051 , L0003052 , L0003053 , L0003054 ,
		L0003055 , L0003056 , L0003057 , L0003058 , L0003059 , L0003060 , L0003061 , L0003062 ,
		L0003063 , L0003064 , L0003065 , L0003066 , L0003067 , L0003068 , L0003069 , L0003070 ,
		L0003071 , L0003072 , L0003073 , L0003074 , L0003075 , L0003076 , L0003077 , L0003078 ,
		L0003079 , L0003080 , L0003081 , L0003082 , L0003083 , L0003084 , L0003085 , L0003086 ,
		L0003087 , L0003088 , L0003089 , L0003090 , L0003091 , L0003092 , L0003093 , L0003094 ,
		L0003095 , L0003096 , L0003097 , L0003098 , L0003099 , L0003100 , L0003101 , L0003102 ,
		L0003103 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 ,
		L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 ,
		L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 ,
		L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 ,
		L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 ,
		L0000080 , L0003104 , L0003105 , L0003106 , L0003107 , L0003108 , L0003109 , L0003110 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		L0003111 , L0003112 , L0003113 , L0003114 , L0003115 , L0003116 , L0003117 , L0003118 ,
		L0003119 , L0003120 , L0003121 , L0003122 , L0003123 , L0003124 , L0003125 , L0003126 ,
		L0003127 , L0003128 , L0003129 , L0003130 , L0003131 , L0003132 , L0003133 , L0003134 ,
		L0003135 , L0003136 , L0003137 , L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
		L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
		L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
		L0003159 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 , L0000259 ,
		L0000260 , L0000261 , L0001301 , L0001302 , L0001303 , L0001304 , L0001305 , L0001306 ,
		L0001307 , L0001308 , L0001309 , L0001310 , L0001311 , L0001312 , L0001313 , L0001314 ,
		L0001315 , L0001316 , L0001317 , L0001318 , L0001319 , L0001320 , L0001321 , L0001322 ,
		L0001323 , L0001324 , L0001325 , L0001326 , L0001327 , L0001328 , L0001329 , L0001330 ,
		L0001331 , L0001332 , L0001333 , L0001334 , L0001335 , L0001336 , L0001337 , L0001338 ,
		L0001339 , L0001340 , L0001341 , L0002579 , L0002580 , L0002581 , L0002582 , L0002583 ,
		L0002584 , L0002585 , L0002586 , L0002587 , L0002588 , L0002589 , L0002590 , L0002591 ,
		L0002592 , L0002593 , L0002594 , L0002595 , L0002596 , L0002597 , L0002598 , L0002599 ,
		L0002600 , L0002601 , L0002602 , L0002603 , L0002604 , L0002605 , L0002606 , L0002607 ,
		L0002608 , L0002609 , L0002610 , L0002611 , L0002612 , L0002613 , L0002614 , L0002615 ,
		L0002616 , L0002617 , L0002618 , L0002619 , L0002620 , L0002621 , L0002622 , L0002623 ,
		L0002624 , L0002625 , L0002626 , L0002627 , L0002628 , L0002629 , L0002630 , L0002631 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002991 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002992 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002993 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002994 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002995 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002996 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002997 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002998 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002999 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003000 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003001 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003002 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003003 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003004 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003005 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003006 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003007 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003008 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003009 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003010 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003011 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003012 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003013 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003014 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003015 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003016 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003017 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003018 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003019 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003020 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003021 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003022 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003023 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003024 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003025 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003026 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003027 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003028 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003029 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003030 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003031 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003032 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003033 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003034 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003035 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003036 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003037 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003038 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003039 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003040 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003041 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003042 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003043 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003044 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003045 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003046 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003047 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003048 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003049 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003050 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003051 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003052 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003053 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003054 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003055 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003056 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003057 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003058 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003059 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003060 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003061 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003062 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003063 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003064 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003065 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003066 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003067 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003068 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003069 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003070 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003071 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003072 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003073 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003074 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003075 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003076 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003077 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003078 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003079 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003080 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003081 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003082 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003083 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003084 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003085 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003086 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003087 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003088 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003089 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003090 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003091 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003092 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003093 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003094 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003095 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003096 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003097 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003098 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003099 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003100 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003101 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003102 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003103 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000041 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000042 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000043 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000044 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000045 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000046 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000047 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000048 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000049 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000050 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000051 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000052 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000053 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000054 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000056 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000057 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000059 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000060 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000061 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000062 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000063 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000064 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000065 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000066 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000067 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000068 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000069 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000070 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000071 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000072 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000073 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000074 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000075 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000076 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000077 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000078 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000079 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000080 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003106 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003107 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003111 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003112 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003113 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003114 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003115 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003118 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003119 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003121 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003122 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003123 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003127 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003129 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003136 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003137 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003138 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003139 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003140 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003141 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003142 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003143 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003144 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003145 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003146 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003147 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003149 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003150 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003151 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003152 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003153 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003154 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003155 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003156 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003157 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003158 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003159 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000253 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000254 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000255 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000256 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000257 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000258 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000259 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000260 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000261 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001301 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001302 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001303 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001304 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001305 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001306 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001307 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001308 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001309 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001310 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001311 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001312 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001313 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001314 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001315 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001316 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001317 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001318 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001319 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001320 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001321 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001322 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001323 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001324 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001325 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001326 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001327 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001328 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001329 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001330 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001331 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001332 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001333 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001334 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001335 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001336 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001337 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001338 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001339 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001340 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001341 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002579 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002580 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002581 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002582 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002583 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002584 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002585 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002586 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002587 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002588 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002589 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002590 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002591 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002592 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002593 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002594 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002595 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002596 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002597 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002598 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002599 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002600 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002601 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002602 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002603 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002604 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002605 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002606 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002607 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002608 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002609 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002610 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002611 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002612 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002613 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002614 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002615 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002616 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002617 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002618 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002619 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002620 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002621 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002622 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002623 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002624 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002625 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002626 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002627 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002628 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002629 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002630 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002631 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(481772.7, 3631604.5, 102.2, 103.2, 0.0); (481784.2, 3631601.4, 101.9, 101.9, 0.0);
(481778.3, 3631616.5, 102.0, 103.2, 0.0); (481784.9, 3631629.0, 102.0, 103.5, 0.0);
(481790.0, 3631638.0, 102.4, 103.4, 0.0); (481794.4, 3631645.9, 102.1, 103.4, 0.0);
(481798.1, 3631653.8, 102.4, 103.7, 0.0); (481803.5, 3631663.1, 102.1, 103.7, 0.0);
(481790.4, 3631611.8, 101.8, 101.8, 0.0); (481797.1, 3631624.4, 101.6, 101.6, 0.0);
(481803.9, 3631636.7, 101.6, 103.4, 0.0); (481810.9, 3631647.6, 101.8, 101.8, 0.0);
(481817.6, 3631657.0, 101.9, 101.9, 0.0); (481807.9, 3631668.1, 102.4, 103.3, 0.0);
(481830.7, 3631656.8, 102.0, 102.0, 0.0); (481847.6, 3631647.7, 101.9, 101.9, 0.0);
(481860.2, 3631669.6, 102.0, 102.0, 0.0); (481870.8, 3631690.4, 102.1, 102.1, 0.0);
(481851.5, 3631699.8, 102.1, 102.1, 0.0); (481860.5, 3631717.3, 102.5, 102.5, 0.0);
(481876.2, 3631730.6, 102.5, 102.5, 0.0); (481882.7, 3631741.8, 102.5, 102.5, 0.0);
(481858.1, 3631754.1, 102.6, 103.6, 0.0); (481852.1, 3631743.0, 102.6, 102.6, 0.0);
(481842.8, 3631727.7, 102.7, 102.7, 0.0); (481833.5, 3631709.9, 102.3, 103.6, 0.0);
(481825.2, 3631696.0, 102.4, 103.8, 0.0); (481817.2, 3631684.4, 102.3, 103.8, 0.0);
(481923.1, 3631705.8, 102.1, 102.1, 0.0); (481913.2, 3631710.9, 102.1, 102.1, 0.0);
(481926.7, 3631734.4, 102.1, 102.1, 0.0); (481939.0, 3631728.8, 102.1, 102.1, 0.0);
(481818.8, 3631602.3, 101.9, 101.9, 0.0); (481834.0, 3631631.0, 101.9, 101.9, 0.0);
(481807.9, 3631582.3, 102.0, 102.0, 0.0); (481801.2, 3631575.7, 102.1, 102.1, 0.0);
(481837.5, 3631557.7, 102.2, 102.2, 0.0); (481863.9, 3631594.9, 102.0, 102.0, 0.0);
(481880.3, 3631627.0, 101.5, 101.5, 0.0); (481860.3, 3631634.2, 101.8, 101.8, 0.0);
(481842.3, 3631602.6, 101.8, 101.8, 0.0); (481827.7, 3631577.2, 102.0, 102.0, 0.0);
(481387.3, 3631277.0, 101.5, 101.5, 0.0); (481437.3, 3631277.0, 100.8, 100.8, 0.0);
(481487.3, 3631277.0, 100.5, 100.5, 0.0); (481537.3, 3631277.0, 101.3, 101.3, 0.0);
(481587.3, 3631277.0, 102.0, 102.0, 0.0); (481637.3, 3631277.0, 101.7, 101.7, 0.0);
(481687.3, 3631277.0, 101.9, 101.9, 0.0); (481737.3, 3631277.0, 101.1, 101.1, 0.0);
(481787.3, 3631277.0, 101.1, 101.1, 0.0); (481837.3, 3631277.0, 101.2, 101.2, 0.0);
(481887.3, 3631277.0, 101.8, 101.8, 0.0); (481937.3, 3631277.0, 101.4, 101.4, 0.0);
(482087.3, 3631277.0, 97.3, 99.9, 0.0); (482137.3, 3631277.0, 99.8, 99.8, 0.0);
(482187.3, 3631277.0, 100.5, 100.5, 0.0); (482237.3, 3631277.0, 101.3, 101.3, 0.0);
(482287.3, 3631277.0, 101.5, 101.5, 0.0); (482337.3, 3631277.0, 102.3, 102.3, 0.0);
(481437.3, 3631327.0, 99.2, 101.5, 0.0); (481487.3, 3631327.0, 101.1, 101.1, 0.0);
(481537.3, 3631327.0, 101.3, 101.3, 0.0); (481587.3, 3631327.0, 101.3, 101.3, 0.0);
(481637.3, 3631327.0, 102.6, 102.6, 0.0); (481687.3, 3631327.0, 102.6, 102.6, 0.0);
(481737.3, 3631327.0, 101.6, 101.6, 0.0); (481787.3, 3631327.0, 101.6, 101.6, 0.0);
(481837.3, 3631327.0, 101.4, 101.4, 0.0); (481887.3, 3631327.0, 102.2, 102.2, 0.0);
(481937.3, 3631327.0, 101.9, 101.9, 0.0); (482187.3, 3631327.0, 100.7, 100.7, 0.0);
(482237.3, 3631327.0, 101.5, 101.5, 0.0); (482287.3, 3631327.0, 102.8, 102.8, 0.0);
(482337.3, 3631327.0, 103.3, 103.3, 0.0); (481437.3, 3631377.0, 79.9, 104.3, 0.0);
(481487.3, 3631377.0, 86.6, 103.9, 0.0); (481537.3, 3631377.0, 92.2, 103.0, 0.0);
(481587.3, 3631377.0, 101.8, 101.8, 0.0); (481637.3, 3631377.0, 101.8, 103.2, 0.0);
(481687.3, 3631377.0, 102.6, 102.6, 0.0); (481737.3, 3631377.0, 101.9, 101.9, 0.0);
(481787.3, 3631377.0, 101.9, 101.9, 0.0); (481837.3, 3631377.0, 101.8, 101.8, 0.0);
(481887.3, 3631377.0, 102.3, 102.3, 0.0); (481937.3, 3631377.0, 102.2, 102.2, 0.0);

```
    ( 482187.3, 3631377.0,     100.4,     100.4,       0.0);         ( 482237.3, 3631377.0,     102.3,     102.3,
0.0);
    ( 482287.3, 3631377.0,     103.1,     103.1,       0.0);         ( 482337.3, 3631377.0,     104.5,     104.5,
0.0);
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(482387.3, 3631377.0, 105.0, 105.0, 0.0); (481437.3, 3631427.0, 93.5, 95.6, 0.0);
(481487.3, 3631427.0, 96.1, 96.1, 0.0); (481537.3, 3631427.0, 95.3, 102.1, 0.0);
(481587.3, 3631427.0, 101.7, 101.7, 0.0); (481637.3, 3631427.0, 101.9, 103.9, 0.0);
(481687.3, 3631427.0, 102.9, 102.9, 0.0); (481737.3, 3631427.0, 102.2, 102.2, 0.0);
(481787.3, 3631427.0, 102.3, 102.3, 0.0); (481837.3, 3631427.0, 102.3, 102.3, 0.0);
(481887.3, 3631427.0, 102.9, 102.9, 0.0); (481937.3, 3631427.0, 102.3, 102.3, 0.0);
(482087.3, 3631427.0, 100.9, 100.9, 0.0); (482187.3, 3631427.0, 100.9, 102.0, 0.0);
(482237.3, 3631427.0, 102.4, 102.4, 0.0); (482287.3, 3631427.0, 103.5, 103.5, 0.0);
(482337.3, 3631427.0, 105.3, 105.3, 0.0); (482387.3, 3631427.0, 105.3, 105.3, 0.0);
(481487.3, 3631477.0, 95.6, 95.6, 0.0); (481537.3, 3631477.0, 96.9, 102.1, 0.0);
(481587.3, 3631477.0, 101.9, 101.9, 0.0); (481637.3, 3631477.0, 102.0, 104.3, 0.0);
(481687.3, 3631477.0, 103.2, 103.2, 0.0); (481737.3, 3631477.0, 102.6, 102.6, 0.0);
(481787.3, 3631477.0, 102.9, 102.9, 0.0); (481837.3, 3631477.0, 102.9, 102.9, 0.0);
(481887.3, 3631477.0, 103.0, 103.0, 0.0); (481937.3, 3631477.0, 102.3, 103.0, 0.0);
(482087.3, 3631477.0, 100.5, 100.5, 0.0); (482137.3, 3631477.0, 100.1, 101.2, 0.0);
(482187.3, 3631477.0, 99.6, 103.2, 0.0); (482237.3, 3631477.0, 102.6, 104.0, 0.0);
(482287.3, 3631477.0, 103.8, 103.8, 0.0); (482337.3, 3631477.0, 104.9, 104.9, 0.0);
(482387.3, 3631477.0, 106.3, 106.3, 0.0); (481537.3, 3631527.0, 98.1, 98.1, 0.0);
(481587.3, 3631527.0, 101.3, 101.3, 0.0); (481637.3, 3631527.0, 102.2, 102.2, 0.0);
(481687.3, 3631527.0, 103.6, 103.6, 0.0); (481737.3, 3631527.0, 103.6, 103.6, 0.0);
(481787.3, 3631527.0, 102.5, 102.5, 0.0); (481837.3, 3631527.0, 102.9, 102.9, 0.0);
(482087.3, 3631527.0, 98.8, 101.5, 0.0); (482137.3, 3631527.0, 101.6, 101.6, 0.0);
(482187.3, 3631527.0, 102.5, 102.5, 0.0); (482237.3, 3631527.0, 103.2, 103.2, 0.0);
(482287.3, 3631527.0, 105.0, 105.2, 0.0); (482337.3, 3631527.0, 105.4, 105.4, 0.0);
(482387.3, 3631527.0, 105.8, 105.8, 0.0); (481537.3, 3631577.0, 98.9, 99.8, 0.0);
(481587.3, 3631577.0, 101.8, 101.8, 0.0); (481637.3, 3631577.0, 101.9, 101.9, 0.0);
(481687.3, 3631577.0, 103.0, 103.0, 0.0); (481737.3, 3631577.0, 103.0, 103.0, 0.0);
(482087.3, 3631577.0, 101.0, 102.0, 0.0); (482137.3, 3631577.0, 98.2, 104.4, 0.0);
(482187.3, 3631577.0, 103.0, 104.6, 0.0); (482237.3, 3631577.0, 103.8, 103.8, 0.0);
(482287.3, 3631577.0, 104.5, 104.5, 0.0); (482337.3, 3631577.0, 105.4, 107.6, 0.0);
(482387.3, 3631577.0, 108.2, 108.2, 0.0); (481637.3, 3631627.0, 102.7, 102.7, 0.0);
(481687.3, 3631627.0, 102.7, 102.7, 0.0); (481737.3, 3631627.0, 103.9, 103.9, 0.0);
(482137.3, 3631627.0, 103.6, 103.6, 0.0); (482187.3, 3631627.0, 103.8, 103.8, 0.0);
(482237.3, 3631627.0, 104.5, 104.5, 0.0); (482287.3, 3631627.0, 106.6, 106.6, 0.0);
(482337.3, 3631627.0, 106.8, 106.8, 0.0); (482387.3, 3631627.0, 107.9, 107.9, 0.0);
(481587.3, 3631677.0, 102.8, 103.7, 0.0); (481637.3, 3631677.0, 103.2, 103.2, 0.0);
(481687.3, 3631677.0, 102.8, 102.8, 0.0); (481737.3, 3631677.0, 103.5, 103.5, 0.0);
(481787.3, 3631677.0, 103.8, 103.8, 0.0); (482137.3, 3631677.0, 103.8, 103.8, 0.0);
(482187.3, 3631677.0, 105.2, 105.2, 0.0); (482237.3, 3631677.0, 105.8, 105.8, 0.0);
(482287.3, 3631677.0, 106.1, 106.1, 0.0); (482337.3, 3631677.0, 107.3, 107.3, 0.0);
(482387.3, 3631677.0, 108.6, 108.6, 0.0); (481587.3, 3631727.0, 103.4, 103.4, 0.0);
(481637.3, 3631727.0, 103.0, 103.0, 0.0); (481687.3, 3631727.0, 101.1, 103.2, 0.0);
(481737.3, 3631727.0, 103.2, 103.2, 0.0); (481787.3, 3631727.0, 104.1, 104.1, 0.0);

```
    ( 482037.3, 3631727.0,     102.9,     102.9,       0.0);         ( 482087.3, 3631727.0,     103.9,     104.6,
0.0);
    ( 482137.3, 3631727.0,     104.8,     104.8,       0.0);         ( 482187.3, 3631727.0,     105.1,     105.1,
0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(482237.3, 3631727.0, 106.0, 106.0, 0.0); (482287.3, 3631727.0, 107.1, 107.1, 0.0);
(482337.3, 3631727.0, 107.6, 107.6, 0.0); (482387.3, 3631727.0, 109.3, 109.3, 0.0);
(481737.3, 3631777.0, 103.1, 103.1, 0.0); (481787.3, 3631777.0, 103.2, 103.2, 0.0);
(481837.3, 3631777.0, 103.8, 103.8, 0.0); (481937.3, 3631777.0, 103.3, 103.3, 0.0);
(481987.3, 3631777.0, 103.5, 103.5, 0.0); (482037.3, 3631777.0, 103.5, 103.5, 0.0);
(482087.3, 3631777.0, 103.3, 103.3, 0.0); (482137.3, 3631777.0, 104.9, 104.9, 0.0);
(482187.3, 3631777.0, 105.9, 105.9, 0.0); (482237.3, 3631777.0, 106.4, 106.4, 0.0);
(482287.3, 3631777.0, 107.3, 107.3, 0.0); (482337.3, 3631777.0, 108.3, 108.3, 0.0);
(482387.3, 3631777.0, 109.5, 109.5, 0.0); (481687.3, 3631827.0, 102.6, 102.6, 0.0);
(481737.3, 3631827.0, 103.1, 103.1, 0.0); (481787.3, 3631827.0, 103.3, 103.3, 0.0);
(481837.3, 3631827.0, 104.4, 104.4, 0.0); (481887.3, 3631827.0, 104.2, 104.2, 0.0);
(481937.3, 3631827.0, 104.8, 104.8, 0.0); (481987.3, 3631827.0, 103.8, 103.8, 0.0);
(482037.3, 3631827.0, 103.6, 103.6, 0.0); (482087.3, 3631827.0, 104.9, 104.9, 0.0);
(482137.3, 3631827.0, 105.3, 105.3, 0.0); (482187.3, 3631827.0, 106.2, 106.2, 0.0);
(482237.3, 3631827.0, 107.2, 107.2, 0.0); (482287.3, 3631827.0, 107.5, 107.5, 0.0);
(482337.3, 3631827.0, 108.3, 108.3, 0.0); (482387.3, 3631827.0, 110.4, 112.8, 0.0);
(481687.3, 3631877.0, 101.0, 103.3, 0.0); (481737.3, 3631877.0, 102.9, 102.9, 0.0);
(481787.3, 3631877.0, 104.2, 104.2, 0.0); (481837.3, 3631877.0, 104.3, 104.3, 0.0);
(481887.3, 3631877.0, 104.9, 104.9, 0.0); (481937.3, 3631877.0, 104.9, 104.9, 0.0);
(481987.3, 3631877.0, 105.6, 105.6, 0.0); (482037.3, 3631877.0, 105.2, 105.2, 0.0);
(482087.3, 3631877.0, 105.0, 105.0, 0.0); (482137.3, 3631877.0, 105.8, 105.8, 0.0);
(482187.3, 3631877.0, 106.8, 106.8, 0.0); (482237.3, 3631877.0, 106.6, 106.6, 0.0);
(482287.3, 3631877.0, 107.5, 110.5, 0.0); (482337.3, 3631877.0, 111.1, 111.1, 0.0);
(482387.3, 3631877.0, 111.2, 111.2, 0.0); (481737.3, 3631927.0, 103.9, 103.9, 0.0);
(481787.3, 3631927.0, 104.0, 104.0, 0.0); (481837.3, 3631927.0, 104.6, 104.6, 0.0);
(481887.3, 3631927.0, 105.1, 105.1, 0.0); (481937.3, 3631927.0, 105.5, 105.5, 0.0);
(481987.3, 3631927.0, 105.4, 105.4, 0.0); (482037.3, 3631927.0, 105.4, 105.4, 0.0);
(482087.3, 3631927.0, 106.5, 106.5, 0.0); (482137.3, 3631927.0, 105.8, 105.8, 0.0);
(482187.3, 3631927.0, 106.8, 106.8, 0.0); (482237.3, 3631927.0, 108.8, 108.8, 0.0);
(482287.3, 3631927.0, 109.4, 109.4, 0.0); (482337.3, 3631927.0, 110.6, 110.6, 0.0);
(482387.3, 3631927.0, 111.5, 111.5, 0.0); (481637.3, 3631977.0, 104.8, 104.8, 0.0);
(481687.3, 3631977.0, 104.2, 104.2, 0.0); (481737.3, 3631977.0, 104.3, 104.3, 0.0);
(481787.3, 3631977.0, 104.0, 104.0, 0.0); (481837.3, 3631977.0, 104.6, 104.6, 0.0);
(481887.3, 3631977.0, 105.4, 105.4, 0.0); (481937.3, 3631977.0, 105.3, 105.3, 0.0);
(481987.3, 3631977.0, 106.2, 106.2, 0.0); (482037.3, 3631977.0, 106.1, 106.1, 0.0);
(482087.3, 3631977.0, 106.0, 106.0, 0.0); (482137.3, 3631977.0, 107.3, 107.3, 0.0);
(482187.3, 3631977.0, 107.7, 107.7, 0.0); (482237.3, 3631977.0, 108.9, 108.9, 0.0);
(482287.3, 3631977.0, 109.7, 109.7, 0.0); (482337.3, 3631977.0, 110.5, 110.5, 0.0);
(482387.3, 3631977.0, 111.7, 111.7, 0.0); (481637.3, 3632027.0, 97.4, 105.3, 0.0);
(481687.3, 3632027.0, 104.8, 104.8, 0.0); (481787.3, 3632027.0, 100.7, 104.6, 0.0);
(481837.3, 3632027.0, 104.5, 104.5, 0.0); (481887.3, 3632027.0, 104.7, 104.7, 0.0);
(481937.3, 3632027.0, 106.7, 106.7, 0.0); (481987.3, 3632027.0, 106.0, 106.0, 0.0);
(482037.3, 3632027.0, 107.1, 107.1, 0.0); (482087.3, 3632027.0, 106.9, 106.9, 0.0);

```
    ( 482137.3, 3632027.0,     106.5,     106.5,       0.0);         ( 482187.3, 3632027.0,     107.9,     107.9,
0.0);
    ( 482237.3, 3632027.0,     108.9,     108.9,       0.0);         ( 482287.3, 3632027.0,     110.1,     110.1,
0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(482337.3, 3632027.0, 110.1, 110.1, 0.0); (482387.3, 3632027.0, 111.0, 111.0, 0.0);
(481837.3, 3632077.0, 104.6, 104.6, 0.0); (481887.3, 3632077.0, 105.2, 105.2, 0.0);
(481937.3, 3632077.0, 106.3, 106.3, 0.0); (481987.3, 3632077.0, 106.3, 106.3, 0.0);
(482037.3, 3632077.0, 107.1, 107.1, 0.0); (482087.3, 3632077.0, 106.9, 106.9, 0.0);
(482137.3, 3632077.0, 105.9, 108.4, 0.0); (482187.3, 3632077.0, 109.0, 109.0, 0.0);
(482237.3, 3632077.0, 109.1, 109.1, 0.0); (482287.3, 3632077.0, 109.8, 114.5, 0.0);
(482337.3, 3632077.0, 113.6, 114.4, 0.0); (482387.3, 3632077.0, 112.4, 112.4, 0.0);

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0002991	481801.2	3631575.7	-1.62
L0002995	481837.5	3631557.7	0.16
L0002996	481837.5	3631557.7	-4.59
L0002997	481837.5	3631557.7	-9.80
L0002998	481827.7	3631577.2	-0.69
L0002999	481807.9	3631582.3	0.52
L0003000	481807.9	3631582.3	-6.61
L0003000	481801.2	3631575.7	-8.22
L0003001	481807.9	3631582.3	-3.17
L0003001	481801.2	3631575.7	-2.05
L0003002	481807.9	3631582.3	-6.41
L0003003	481807.9	3631582.3	-1.80
L0003003	481827.7	3631577.2	-1.49
L0003004	481827.7	3631577.2	-10.69
L0003009	481842.3	3631602.6	-0.11
L0003010	481842.3	3631602.6	-1.46
L0003011	481842.3	3631602.6	-5.73
L0003012	481842.3	3631602.6	-2.87
L0003013	481863.9	3631594.9	-1.39
L0003014	481863.9	3631594.9	-4.23
L0003018	481860.3	3631634.2	0.53
L0003019	481860.3	3631634.2	-6.81
L0003020	481880.3	3631627.0	0.98
L0003020	481860.3	3631634.2	-0.12
L0003021	481880.3	3631627.0	-3.47
L0003022	481880.3	3631627.0	-7.57
L0003023	481880.3	3631627.0	-6.47
L0003024	481860.3	3631634.2	-4.51
L0003025	481847.6	3631647.7	-2.12
L0003025	481860.3	3631634.2	-2.32
L0003035	481870.8	3631690.4	-2.34
L0003038	481801.2	3631575.7	-1.62
L0003042	481837.5	3631557.7	0.16
L0003053	481837.5	3631557.7	-7.58
L0003054	481837.5	3631557.7	-3.82
L0003055	481827.7	3631577.2	-1.59
L0003056	481807.9	3631582.3	-4.69
L0003056	481801.2	3631575.7	-3.44
L0003057	481807.9	3631582.3	-3.38
L0003057	481801.2	3631575.7	-6.62

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003058	481807.9	3631582.3	-1.84
L0003059	481807.9	3631582.3	-6.38
L0003060	481827.7	3631577.2	-7.62
L0003061	481827.7	3631577.2	-4.57
L0003062	481837.5	3631557.7	0.65
L0003066	481842.3	3631602.6	0.17
L0003067	481842.3	3631602.6	-5.78
L0003068	481842.3	3631602.6	-1.93
L0003069	481842.3	3631602.6	-0.23
L0003070	481863.9	3631594.9	-5.53
L0003075	481860.3	3631634.2	-3.15
L0003076	481860.3	3631634.2	-5.09
L0003077	481880.3	3631627.0	-2.84
L0003078	481880.3	3631627.0	-4.67
L0003079	481880.3	3631627.0	-8.12
L0003080	481880.3	3631627.0	-1.06
L0003080	481860.3	3631634.2	0.08
L0003081	481860.3	3631634.2	-5.77
L0003082	481847.6	3631647.7	-0.81
L0003083	481860.2	3631669.6	-2.58
L0003090	481860.2	3631669.6	0.93
L0003091	481870.8	3631690.4	-3.04
L0000041	481880.3	3631627.0	-6.94
L0000042	481860.3	3631634.2	-2.88
L0000043	481860.3	3631634.2	-7.40
L0000047	481863.9	3631594.9	-0.68
L0000048	481863.9	3631594.9	-10.94
L0000049	481863.9	3631594.9	-1.25
L0000049	481842.3	3631602.6	-0.11
L0000050	481842.3	3631602.6	-9.70
L0000051	481842.3	3631602.6	-4.41
L0000056	481837.5	3631557.7	0.05
L0000057	481827.7	3631577.2	-2.44
L0000058	481827.7	3631577.2	-9.61
L0000059	481807.9	3631582.3	-5.48
L0000060	481807.9	3631582.3	-3.89
L0000061	481807.9	3631582.3	-1.26
L0000061	481801.2	3631575.7	-3.77
L0000062	481807.9	3631582.3	-5.99
L0000062	481801.2	3631575.7	-7.58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000063	481827.7	3631577.2	0.88
L0000064	481837.5	3631557.7	0.31
L0000064	481827.7	3631577.2	0.34
L0000065	481837.5	3631557.7	-11.10
L0000066	481837.5	3631557.7	-4.38
L0000067	481837.5	3631557.7	0.30
L0000070	481801.2	3631575.7	-0.51
L0003117	481870.8	3631690.4	-2.23
L0003124	481860.2	3631669.6	0.84
L0003126	481860.3	3631634.2	-4.69
L0003127	481880.3	3631627.0	0.13
L0003127	481860.3	3631634.2	-1.51
L0003128	481880.3	3631627.0	-10.52
L0003132	481882.7	3631741.8	-0.65
L0003133	481876.2	3631730.6	-0.56
L0003136	481870.8	3631690.4	0.59
L0003139	481923.1	3631705.8	-1.68
L0003139	481913.2	3631710.9	-4.16
L0003140	481913.2	3631710.9	-5.67
L0003141	481913.2	3631710.9	0.31
L0003142	481926.7	3631734.4	-5.81
L0003143	481926.7	3631734.4	-2.81
L0003144	481926.7	3631734.4	0.63
L0003145	481939.0	3631728.8	-2.13
L0000253	481923.1	3631705.8	0.72
L0000253	481913.2	3631710.9	-2.59
L0000257	481876.2	3631730.6	-6.57
L0000258	481882.7	3631741.8	-5.80
L0001308	481926.7	3631734.4	0.51
L0001309	481926.7	3631734.4	-4.27
L0001313	481939.0	3631728.8	0.22
L0001319	481801.2	3631575.7	-0.68
L0001321	481772.7	3631604.5	-0.73
L0001321	481784.2	3631601.4	-2.65
L0001322	481772.7	3631604.5	-4.90
L0001323	481772.7	3631604.5	-6.93
L0001323	481778.3	3631616.5	-2.65
L0001324	481772.7	3631604.5	-1.71
L0001324	481784.2	3631601.4	-1.50
L0001324	481778.3	3631616.5	-6.67

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001324	481790.4	3631611.8	-2.28
L0001325	481784.2	3631601.4	-3.86
L0001325	481790.4	3631611.8	-6.05
L0001326	481790.4	3631611.8	0.86
L0001327	481797.1	3631624.4	0.03
L0001328	481784.9	3631629.0	0.35
L0001328	481790.4	3631611.8	-4.56
L0001328	481797.1	3631624.4	-5.35
L0001329	481778.3	3631616.5	-4.00
L0001329	481784.9	3631629.0	-6.24
L0001330	481784.9	3631629.0	-7.49
L0001330	481790.0	3631638.0	-6.01
L0001331	481784.9	3631629.0	-0.93
L0001331	481790.0	3631638.0	-2.67
L0001331	481797.1	3631624.4	-5.80
L0001331	481803.9	3631636.7	-2.29
L0001332	481797.1	3631624.4	-2.07
L0001332	481803.9	3631636.7	-0.59
L0001333	481803.9	3631636.7	0.82
L0001334	481803.9	3631636.7	-10.95
L0001334	481810.9	3631647.6	0.60
L0001335	481790.0	3631638.0	-6.57
L0001335	481794.4	3631645.9	-8.00
L0001335	481798.1	3631653.8	0.44
L0001335	481803.9	3631636.7	-1.24
L0001336	481790.0	3631638.0	0.73
L0001336	481794.4	3631645.9	-7.26
L0001336	481798.1	3631653.8	-6.09
L0001337	481794.4	3631645.9	-3.44
L0001337	481798.1	3631653.8	-8.45
L0001337	481803.5	3631663.1	-0.43
L0001337	481810.9	3631647.6	-1.63
L0001338	481803.9	3631636.7	-0.62
L0001338	481810.9	3631647.6	-9.84
L0001338	481817.6	3631657.0	0.92
L0001339	481810.9	3631647.6	-2.01
L0001339	481817.6	3631657.0	-0.25
L0001340	481810.9	3631647.6	-3.39
L0001340	481817.6	3631657.0	-8.21
L0001341	481798.1	3631653.8	-1.72

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001341	481803.5	3631663.1	-6.69
L0001341	481810.9	3631647.6	-0.23
L0001341	481817.6	3631657.0	-1.56
L0001341	481807.9	3631668.1	-2.97

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                                            *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                               (1=YES; 0=NO)

            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1

                NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.


                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                             (METERS/SEC)

                                               1.54,   3.09,   5.14,   8.23,  10.80,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: met data\722903.SFC Met Version: 14134
Profile file: met data\722903.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3131 Upper air station no.: 3190
Name: MONTGOMERY_FIELD_AIRPORT Name: UNKNOWN
Year: 2009 Year: 2009

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
09	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.40	1.25	1.00	0.00	0.	10.0	282.0	2.0
09	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.40	1.25	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.40	1.25	1.00	0.00	0.	10.0	279.9	2.0
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.40	1.25	1.00	0.00	0.	10.0	279.9	2.0
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.40	1.25	1.00	0.00	0.	10.0	279.9	2.0
09	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.40	1.25	1.00	0.00	0.	10.0	279.2	2.0
09	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.40	1.25	1.00	0.00	0.	10.0	279.9	2.0
09	01	01	1	08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.40	1.25	0.50	0.00	0.	10.0	281.4	2.0
09	01	01	1	09	36.3	-9.000	-9.000	-9.000	69.	-999.	-99999.0	0.40	1.25	0.30	0.00	0.	10.0	284.9	2.0
09	01	01	1	10	90.3	0.298	0.721	0.008	148.	390.	-26.2	0.51	1.25	0.23	1.76	341.	10.0	285.9	2.0
09	01	01	1	11	128.5	-9.000	-9.000	-9.000	233.	-999.	-99999.0	0.40	1.25	0.21	0.00	0.	10.0	289.9	2.0
09	01	01	1	12	147.0	0.313	1.127	0.008	348.	419.	-18.6	0.51	1.25	0.20	1.76	316.	10.0	292.5	2.0
09	01	01	1	13	144.6	0.427	1.225	0.007	454.	669.	-48.0	0.27	1.25	0.20	3.36	253.	10.0	293.1	2.0
09	01	01	1	14	121.2	0.372	1.247	0.007	571.	547.	-37.8	0.27	1.25	0.21	2.86	289.	10.0	291.4	2.0
09	01	01	1	15	79.6	0.487	1.135	0.007	655.	816.	-129.6	0.51	1.25	0.24	3.36	312.	10.0	291.4	2.0
09	01	01	1	16	21.8	0.336	0.744	0.007	672.	485.	-154.8	0.27	1.25	0.33	2.86	284.	10.0	289.9	2.0
09	01	01	1	17	-32.3	0.326	-9.000	-9.000	-999.	447.	95.4	0.27	1.25	0.61	3.36	291.	10.0	285.9	2.0
09	01	01	1	18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.40	1.25	1.00	0.00	0.	10.0	283.1	2.0
09	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.40	1.25	1.00	0.00	0.	10.0	283.8	2.0
09	01	01	1	20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.40	1.25	1.00	0.00	0.	10.0	283.1	2.0
09	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.40	1.25	1.00	0.00	0.	10.0	283.1	2.0
09	01	01	1	22	-10.1	0.181	-9.000	-9.000	-999.	185.	52.7	0.54	1.25	1.00	1.76	62.	10.0	283.1	2.0
09	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.40	1.25	1.00	0.00	0.	10.0	282.5	2.0
09	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.40	1.25	1.00	0.00	0.	10.0	282.0	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	-999.	-99.00	282.1	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1BC ***
INCLUDING SOURCE(S): L0000041 , L0000042 , L0000043 , L0000044 , L0000045 ,
L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 ,
L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481772.73	3631604.47	17.68206	481784.20	3631601.43	26.87243
481778.35	3631616.54	16.88087	481784.90	3631628.99	15.66421
481789.96	3631638.02	14.69172	481794.39	3631645.94	13.80271
481798.07	3631653.77	12.71824	481803.51	3631663.08	11.68717
481790.43	3631611.85	25.40697	481797.06	3631624.38	22.25521
481803.88	3631636.73	19.59625	481810.88	3631647.60	17.78901
481817.61	3631657.00	16.28733	481807.93	3631668.15	11.30611
481830.70	3631656.81	20.13137	481847.56	3631647.69	35.62392
481860.18	3631669.62	19.71520	481870.78	3631690.45	12.24842
481851.52	3631699.85	9.31030	481860.55	3631717.27	7.11453
481876.22	3631730.63	6.03193	481882.67	3631741.78	5.19965
481858.06	3631754.13	4.17079	481852.07	3631742.98	4.70789
481842.77	3631727.68	5.58565	481833.55	3631709.89	6.99190
481825.17	3631695.98	8.27011	481817.24	3631684.37	9.41737
481923.14	3631705.82	8.64671	481913.17	3631710.88	8.23807
481926.72	3631734.41	5.70798	481938.96	3631728.85	5.95430
481818.85	3631602.33	68.68057	481834.03	3631630.99	44.16969
481807.91	3631582.33	48.33874	481801.20	3631575.73	46.87076
481837.45	3631557.73	64.59199	481863.87	3631594.86	81.49201
481880.29	3631626.99	67.38663	481860.34	3631634.23	51.72521
481842.33	3631602.63	74.97483	481827.68	3631577.21	82.35214
481387.33	3631276.96	0.26707	481437.33	3631276.96	0.30882
481487.33	3631276.96	0.35932	481537.33	3631276.96	0.42071
481587.33	3631276.96	0.49295	481637.33	3631276.96	0.57475
481687.33	3631276.96	0.66439	481737.33	3631276.96	0.75424
481787.33	3631276.96	0.84029	481837.33	3631276.96	0.91703
481887.33	3631276.96	0.98090	481937.33	3631276.96	1.02152
482087.33	3631276.96	0.96162	482137.33	3631276.96	0.90350
482187.33	3631276.96	0.83113	482237.33	3631276.96	0.75540
482287.33	3631276.96	0.68093	482337.33	3631276.96	0.61091
481437.33	3631326.96	0.34236	481487.33	3631326.96	0.40872
481537.33	3631326.96	0.49076	481587.33	3631326.96	0.59296
481637.33	3631326.96	0.71749	481687.33	3631326.96	0.86350
481737.33	3631326.96	1.02058	481787.33	3631326.96	1.17335
481837.33	3631326.96	1.30742	481887.33	3631326.96	1.41188
481937.33	3631326.96	1.46266	482187.33	3631326.96	1.02276
482237.33	3631326.96	0.90129	482287.33	3631326.96	0.79116
482337.33	3631326.96	0.69354	481437.33	3631376.96	0.33715
481487.33	3631376.96	0.42588	481537.33	3631376.96	0.54478
481587.33	3631376.96	0.71615	481637.33	3631376.96	0.90982

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1BC ***
INCLUDING SOURCE(S): L0000041 , L0000042 , L0000043 , L0000044 , L0000045 ,
L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 ,
L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481687.33	3631376.96	1.15707	481737.33	3631376.96	1.45460
481787.33	3631376.96	1.76022	481837.33	3631376.96	2.02699
481887.33	3631376.96	2.20396	481937.33	3631376.96	2.24039
482187.33	3631376.96	1.24260	482237.33	3631376.96	1.05688
482287.33	3631376.96	0.90098	482337.33	3631376.96	0.77020
482387.33	3631376.96	0.66101	481437.33	3631426.96	0.40209
481487.33	3631426.96	0.50487	481537.33	3631426.96	0.63720
481587.33	3631426.96	0.85751	481637.33	3631426.96	1.15634
481687.33	3631426.96	1.58266	481737.33	3631426.96	2.21483
481787.33	3631426.96	2.94527	481837.33	3631426.96	3.58556
481887.33	3631426.96	3.86575	481937.33	3631426.96	3.74117
482087.33	3631426.96	2.23583	482187.33	3631426.96	1.47079
482237.33	3631426.96	1.20479	482287.33	3631426.96	0.99740
482337.33	3631426.96	0.83134	482387.33	3631426.96	0.70134
481487.33	3631476.96	0.55024	481537.33	3631476.96	0.72200
481587.33	3631476.96	1.00466	481637.33	3631476.96	1.44540
481687.33	3631476.96	2.17412	481737.33	3631476.96	3.61270
481787.33	3631476.96	5.82726	481837.33	3631476.96	8.02228
481887.33	3631476.96	8.26442	481937.33	3631476.96	6.83981
482087.33	3631476.96	2.83690	482137.33	3631476.96	2.15379
482187.33	3631476.96	1.67039	482237.33	3631476.96	1.32581
482287.33	3631476.96	1.06894	482337.33	3631476.96	0.87474
482387.33	3631476.96	0.72608	481537.33	3631526.96	0.78953
481587.33	3631526.96	1.12498	481637.33	3631526.96	1.71397
481687.33	3631526.96	2.81828	481737.33	3631526.96	5.71759
481787.33	3631526.96	16.12980	481837.33	3631526.96	34.04523
482087.33	3631526.96	3.36532	482137.33	3631526.96	2.43438
482187.33	3631526.96	1.82252	482237.33	3631526.96	1.40730
482287.33	3631526.96	1.11025	482337.33	3631526.96	0.89989
482387.33	3631526.96	0.74318	481537.33	3631576.96	0.82421
481587.33	3631576.96	1.18779	481637.33	3631576.96	1.84954
481687.33	3631576.96	3.26469	481737.33	3631576.96	7.74298
482087.33	3631576.96	3.73313	482137.33	3631576.96	2.58639
482187.33	3631576.96	1.90795	482237.33	3631576.96	1.45233
482287.33	3631576.96	1.14060	482337.33	3631576.96	0.91757
482387.33	3631576.96	0.75900	481637.33	3631626.96	1.77688
481687.33	3631626.96	3.04698	481737.33	3631626.96	6.02157
482137.33	3631626.96	2.63733	482187.33	3631626.96	1.93448
482237.33	3631626.96	1.47270	482287.33	3631626.96	1.15023
482337.33	3631626.96	0.92821	482387.33	3631626.96	0.76989

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1BC ***
INCLUDING SOURCE(S): L0000041 , L0000042 , L0000043 , L0000044 , L0000045 ,
L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 ,
L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481587.33	3631676.96	1.06796	481637.33	3631676.96	1.54397
481687.33	3631676.96	2.42715	481737.33	3631676.96	4.02226
481787.33	3631676.96	7.18812	482137.33	3631676.96	2.53352
482187.33	3631676.96	1.89469	482237.33	3631676.96	1.46150
482287.33	3631676.96	1.15762	482337.33	3631676.96	0.94732
482387.33	3631676.96	0.77761	481587.33	3631726.96	0.93116
481637.33	3631726.96	1.28291	481687.33	3631726.96	1.83310
481737.33	3631726.96	2.64845	481787.33	3631726.96	3.81782
482037.33	3631726.96	3.85012	482087.33	3631726.96	2.94593
482137.33	3631726.96	2.26584	482187.33	3631726.96	1.76688
482237.33	3631726.96	1.40073	482287.33	3631726.96	1.14438
482337.33	3631726.96	0.94289	482387.33	3631726.96	0.77932
481737.33	3631776.96	1.80179	481787.33	3631776.96	2.36333
481837.33	3631776.96	2.94399	481937.33	3631776.96	3.40364
481987.33	3631776.96	3.13279	482037.33	3631776.96	2.71975
482087.33	3631776.96	2.28038	482137.33	3631776.96	1.88461
482187.33	3631776.96	1.54949	482237.33	3631776.96	1.27722
482287.33	3631776.96	1.07894	482337.33	3631776.96	0.90589
482387.33	3631776.96	0.76377	481687.33	3631826.96	1.04172
481737.33	3631826.96	1.28498	481787.33	3631826.96	1.57521
481837.33	3631826.96	1.85333	481887.33	3631826.96	2.06919
481937.33	3631826.96	2.11674	481987.33	3631826.96	2.05725
482037.33	3631826.96	1.90490	482087.33	3631826.96	1.70189
482137.33	3631826.96	1.49434	482187.33	3631826.96	1.29329
482237.33	3631826.96	1.12140	482287.33	3631826.96	0.97051
482337.33	3631826.96	0.83755	482387.33	3631826.96	0.72148
481687.33	3631876.96	0.80916	481737.33	3631876.96	0.96068
481787.33	3631876.96	1.11740	481837.33	3631876.96	1.28466
481887.33	3631876.96	1.40393	481937.33	3631876.96	1.45145
481987.33	3631876.96	1.42343	482037.33	3631876.96	1.36207
482087.33	3631876.96	1.27284	482137.33	3631876.96	1.16371
482187.33	3631876.96	1.04783	482237.33	3631876.96	0.93735
482287.33	3631876.96	0.83718	482337.33	3631876.96	0.73848
482387.33	3631876.96	0.65748	481737.33	3631926.96	0.73582
481787.33	3631926.96	0.84247	481837.33	3631926.96	0.94261
481887.33	3631926.96	1.01920	481937.33	3631926.96	1.05391
481987.33	3631926.96	1.05018	482037.33	3631926.96	1.01827
482087.33	3631926.96	0.96599	482137.33	3631926.96	0.91147
482187.33	3631926.96	0.84345	482237.33	3631926.96	0.75119
482287.33	3631926.96	0.69583	482337.33	3631926.96	0.63713

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1BC ***
INCLUDING SOURCE(S): L0000041 , L0000042 , L0000043 , L0000044 , L0000045 ,
L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 ,
L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482387.33	3631926.96	0.58083	481637.33	3631976.96	0.45463
481687.33	3631976.96	0.51762	481737.33	3631976.96	0.58471
481787.33	3631976.96	0.65713	481837.33	3631976.96	0.72371
481887.33	3631976.96	0.77452	481937.33	3631976.96	0.80354
481987.33	3631976.96	0.80284	482037.33	3631976.96	0.78639
482087.33	3631976.96	0.75907	482137.33	3631976.96	0.67904
482187.33	3631976.96	0.64379	482237.33	3631976.96	0.60646
482287.33	3631976.96	0.57258	482337.33	3631976.96	0.53771
482387.33	3631976.96	0.50103	481637.33	3632026.96	0.38536
481687.33	3632026.96	0.42792	481787.33	3632026.96	0.53171
481837.33	3632026.96	0.57416	481887.33	3632026.96	0.61184
481937.33	3632026.96	0.62763	481987.33	3632026.96	0.63618
482037.33	3632026.96	0.59199	482087.33	3632026.96	0.59085
482137.33	3632026.96	0.58673	482187.33	3632026.96	0.51885
482237.33	3632026.96	0.49401	482287.33	3632026.96	0.46980
482337.33	3632026.96	0.45174	482387.33	3632026.96	0.42831
481837.33	3632076.96	0.46699	481887.33	3632076.96	0.49417
481937.33	3632076.96	0.50983	481987.33	3632076.96	0.51570
482037.33	3632076.96	0.48356	482087.33	3632076.96	0.48804
482137.33	3632076.96	0.48595	482187.33	3632076.96	0.42026
482237.33	3632076.96	0.40693	482287.33	3632076.96	0.39127
482337.33	3632076.96	0.36509	482387.33	3632076.96	0.35896

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1DEMO ***
INCLUDING SOURCE(S): L0002991 , L0002992 , L0002993 , L0002994 , L0002995 ,
L0002996 , L0002997 , L0002998 , L0002999 , L0003000 , L0003001 , L0003002 , L0003003 ,
L0003004 , L0003005 , L0003006 , L0003007 , L0003008 , L0003009 , L0003010 , L0003011 ,
L0003012 , L0003013 , L0003014 , L0003015 , L0003016 , L0003017 , L0003018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481772.73	3631604.47	13.48810	481784.20	3631601.43	19.74622
481778.35	3631616.54	13.30387	481784.90	3631628.99	13.02484
481789.96	3631638.02	12.80166	481794.39	3631645.94	12.68622
481798.07	3631653.77	12.28112	481803.51	3631663.08	12.15254
481790.43	3631611.85	19.30039	481797.06	3631624.38	18.10949
481803.88	3631636.73	17.43624	481810.88	3631647.60	17.44989
481817.61	3631657.00	17.67588	481807.93	3631668.15	12.26523
481830.70	3631656.81	24.33765	481847.56	3631647.69	43.42235
481860.18	3631669.62	44.32248	481870.78	3631690.45	29.80380
481851.52	3631699.85	16.74576	481860.55	3631717.27	12.61633
481876.22	3631730.63	10.78866	481882.67	3631741.78	8.82168
481858.06	3631754.13	6.05667	481852.07	3631742.98	6.91674
481842.77	3631727.68	8.19270	481833.55	3631709.89	10.06596
481825.17	3631695.98	11.09496	481817.24	3631684.37	11.61089
481923.14	3631705.82	20.45505	481913.17	3631710.88	19.70394
481926.72	3631734.41	10.71859	481938.96	3631728.85	11.15707
481818.85	3631602.33	49.02157	481834.03	3631630.99	42.31428
481807.91	3631582.33	31.13602	481801.20	3631575.73	34.83044
481837.45	3631557.73	53.92903	481863.87	3631594.86	64.44266
481880.29	3631626.99	62.31996	481860.34	3631634.23	52.06413
481842.33	3631602.63	50.18899	481827.68	3631577.21	60.38624
481387.33	3631276.96	0.24729	481437.33	3631276.96	0.28385
481487.33	3631276.96	0.32755	481537.33	3631276.96	0.38003
481587.33	3631276.96	0.44095	481637.33	3631276.96	0.50953
481687.33	3631276.96	0.58393	481737.33	3631276.96	0.65877
481787.33	3631276.96	0.73055	481837.33	3631276.96	0.79511
481887.33	3631276.96	0.84970	481937.33	3631276.96	0.88727
482087.33	3631276.96	0.86081	482137.33	3631276.96	0.81990
482187.33	3631276.96	0.76476	482237.33	3631276.96	0.70440
482287.33	3631276.96	0.64293	482337.33	3631276.96	0.58348
481437.33	3631326.96	0.31410	481487.33	3631326.96	0.37125
481537.33	3631326.96	0.44089	481587.33	3631326.96	0.52633
481637.33	3631326.96	0.62796	481687.33	3631326.96	0.74658
481737.33	3631326.96	0.87486	481787.33	3631326.96	0.99878
481837.33	3631326.96	1.10875	481887.33	3631326.96	1.19604
481937.33	3631326.96	1.24646	482187.33	3631326.96	0.94605
482237.33	3631326.96	0.84739	482287.33	3631326.96	0.75483
482337.33	3631326.96	0.67004	481437.33	3631376.96	0.31036
481487.33	3631376.96	0.38753	481537.33	3631376.96	0.48873
481587.33	3631376.96	0.63084	481637.33	3631376.96	0.78793

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1DEMO ***
INCLUDING SOURCE(S): L0002991 , L0002992 , L0002993 , L0002994 , L0002995 ,
L0002996 , L0002997 , L0002998 , L0002999 , L0003000 , L0003001 , L0003002 , L0003003 ,
L0003004 , L0003005 , L0003006 , L0003007 , L0003008 , L0003009 , L0003010 , L0003011 ,
L0003012 , L0003013 , L0003014 , L0003015 , L0003016 , L0003017 , L0003018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481687.33	3631376.96	0.98316	481737.33	3631376.96	1.21807
481787.33	3631376.96	1.45722	481837.33	3631376.96	1.66863
481887.33	3631376.96	1.81514	481937.33	3631376.96	1.86611
482187.33	3631376.96	1.16348	482237.33	3631376.96	1.00855
482287.33	3631376.96	0.87338	482337.33	3631376.96	0.75631
482387.33	3631376.96	0.65575	481437.33	3631426.96	0.36925
481487.33	3631426.96	0.45788	481537.33	3631426.96	0.56976
481587.33	3631426.96	0.75137	481637.33	3631426.96	0.99095
481687.33	3631426.96	1.32106	481737.33	3631426.96	1.80223
481787.33	3631426.96	2.34780	481837.33	3631426.96	2.83029
481887.33	3631426.96	3.06550	481937.33	3631426.96	3.03683
482087.33	3631426.96	2.02321	482187.33	3631426.96	1.40714
482237.33	3631426.96	1.17555	482287.33	3631426.96	0.98788
482337.33	3631426.96	0.83300	482387.33	3631426.96	0.70825
481487.33	3631476.96	0.50019	481537.33	3631476.96	0.64594
481587.33	3631476.96	0.87894	481637.33	3631476.96	1.23091
481687.33	3631476.96	1.78924	481737.33	3631476.96	2.85101
481787.33	3631476.96	4.42059	481837.33	3631476.96	5.96605
481887.33	3631476.96	6.24098	481937.33	3631476.96	5.42268
482087.33	3631476.96	2.64637	482137.33	3631476.96	2.07693
482187.33	3631476.96	1.64870	482237.33	3631476.96	1.33035
482287.33	3631476.96	1.08499	482337.33	3631476.96	0.89460
482387.33	3631476.96	0.75020	481537.33	3631526.96	0.71016
481587.33	3631526.96	0.98999	481637.33	3631526.96	1.46366
481687.33	3631526.96	2.31416	481737.33	3631526.96	4.45232
481787.33	3631526.96	11.64434	481837.33	3631526.96	23.13219
482087.33	3631526.96	3.30564	482137.33	3631526.96	2.45351
482187.33	3631526.96	1.86557	482237.33	3631526.96	1.45360
482287.33	3631526.96	1.15321	482337.33	3631526.96	0.93608
482387.33	3631526.96	0.77313	481537.33	3631576.96	0.74964
481587.33	3631576.96	1.05965	481637.33	3631576.96	1.60719
481687.33	3631576.96	2.72547	481737.33	3631576.96	6.10610
482087.33	3631576.96	3.91632	482137.33	3631576.96	2.73048
482187.33	3631576.96	2.01772	482237.33	3631576.96	1.53375
482287.33	3631576.96	1.20128	482337.33	3631576.96	0.96349
482387.33	3631576.96	0.80037	481637.33	3631626.96	1.59078
481687.33	3631626.96	2.66480	481737.33	3631626.96	5.10654
482137.33	3631626.96	2.89661	482187.33	3631626.96	2.09310
482237.33	3631626.96	1.57568	482287.33	3631626.96	1.22488
482337.33	3631626.96	0.98463	482387.33	3631626.96	0.80867

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1DEMO ***
INCLUDING SOURCE(S): L0002991 , L0002992 , L0002993 , L0002994 , L0002995 ,
L0002996 , L0002997 , L0002998 , L0002999 , L0003000 , L0003001 , L0003002 , L0003003 ,
L0003004 , L0003005 , L0003006 , L0003007 , L0003008 , L0003009 , L0003010 , L0003011 ,
L0003012 , L0003013 , L0003014 , L0003015 , L0003016 , L0003017 , L0003018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481587.33	3631676.96	1.00053	481637.33	3631676.96	1.44097
481687.33	3631676.96	2.26736	481737.33	3631676.96	3.82676
481787.33	3631676.96	7.38729	482137.33	3631676.96	2.87808
482187.33	3631676.96	2.08911	482237.33	3631676.96	1.58161
482287.33	3631676.96	1.23666	482337.33	3631676.96	1.00128
482387.33	3631676.96	0.81432	481587.33	3631726.96	0.89836
481637.33	3631726.96	1.24766	481687.33	3631726.96	1.82502
481737.33	3631726.96	2.74752	481787.33	3631726.96	4.35520
482037.33	3631726.96	5.25236	482087.33	3631726.96	3.67325
482137.33	3631726.96	2.66539	482187.33	3631726.96	2.00096
482237.33	3631726.96	1.54478	482287.33	3631726.96	1.23740
482337.33	3631726.96	1.00314	482387.33	3631726.96	0.81935
481737.33	3631776.96	1.94657	481787.33	3631776.96	2.73987
481837.33	3631776.96	3.77773	481937.33	3631776.96	5.17147
481987.33	3631776.96	4.57688	482037.33	3631776.96	3.70213
482087.33	3631776.96	2.90453	482137.33	3631776.96	2.27896
482187.33	3631776.96	1.79993	482237.33	3631776.96	1.44153
482287.33	3631776.96	1.18785	482337.33	3631776.96	0.97797
482387.33	3631776.96	0.81269	481687.33	3631826.96	1.09917
481737.33	3631826.96	1.40433	481787.33	3631826.96	1.80139
481837.33	3631826.96	2.24035	481887.33	3631826.96	2.66746
481937.33	3631826.96	2.82983	481987.33	3631826.96	2.75482
482037.33	3631826.96	2.49016	482087.33	3631826.96	2.14978
482137.33	3631826.96	1.82028	482187.33	3631826.96	1.52468
482237.33	3631826.96	1.28782	482287.33	3631826.96	1.08758
482337.33	3631826.96	0.92011	482387.33	3631826.96	0.77906
481687.33	3631876.96	0.86295	481737.33	3631876.96	1.04904
481787.33	3631876.96	1.25583	481837.33	3631876.96	1.49708
481887.33	3631876.96	1.70135	481937.33	3631876.96	1.80826
481987.33	3631876.96	1.78694	482037.33	3631876.96	1.70077
482087.33	3631876.96	1.56615	482137.33	3631876.96	1.40332
482187.33	3631876.96	1.23256	482237.33	3631876.96	1.08256
482287.33	3631876.96	0.94999	482337.33	3631876.96	0.82229
482387.33	3631876.96	0.72009	481737.33	3631926.96	0.79889
481787.33	3631926.96	0.93391	481837.33	3631926.96	1.07071
481887.33	3631926.96	1.18926	481937.33	3631926.96	1.25565
481987.33	3631926.96	1.26299	482037.33	3631926.96	1.22472
482087.33	3631926.96	1.14335	482137.33	3631926.96	1.07916
482187.33	3631926.96	0.97740	482237.33	3631926.96	0.87021
482287.33	3631926.96	0.79375	482337.33	3631926.96	0.71575

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1DEMO ***
INCLUDING SOURCE(S): L0002991 , L0002992 , L0002993 , L0002994 , L0002995 ,
L0002996 , L0002997 , L0002998 , L0002999 , L0003000 , L0003001 , L0003002 , L0003003 ,
L0003004 , L0003005 , L0003006 , L0003007 , L0003008 , L0003009 , L0003010 , L0003011 ,
L0003012 , L0003013 , L0003014 , L0003015 , L0003016 , L0003017 , L0003018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482387.33	3631926.96	0.64290	481637.33	3631976.96	0.47748
481687.33	3631976.96	0.55082	481737.33	3631976.96	0.63084
481787.33	3631976.96	0.72002	481837.33	3631976.96	0.80723
481887.33	3631976.96	0.88081	481937.33	3631976.96	0.92906
481987.33	3631976.96	0.93300	482037.33	3631976.96	0.91756
482087.33	3631976.96	0.88565	482137.33	3631976.96	0.78582
482187.33	3631976.96	0.74465	482237.33	3631976.96	0.69658
482287.33	3631976.96	0.65158	482337.33	3631976.96	0.60533
482387.33	3631976.96	0.55759	481637.33	3632026.96	0.40543
481687.33	3632026.96	0.45407	481787.33	3632026.96	0.57850
481837.33	3632026.96	0.63167	481887.33	3632026.96	0.68329
481937.33	3632026.96	0.69542	481987.33	3632026.96	0.72557
482037.33	3632026.96	0.67127	482087.33	3632026.96	0.66417
482137.33	3632026.96	0.66114	482187.33	3632026.96	0.59074
482237.33	3632026.96	0.56063	482287.33	3632026.96	0.53069
482337.33	3632026.96	0.50674	482387.33	3632026.96	0.47676
481837.33	3632076.96	0.50823	481887.33	3632076.96	0.54413
481937.33	3632076.96	0.56398	481987.33	3632076.96	0.57503
482037.33	3632076.96	0.53786	482087.33	3632076.96	0.53853
482137.33	3632076.96	0.54659	482187.33	3632076.96	0.47171
482237.33	3632076.96	0.45609	482287.33	3632076.96	0.43757
482337.33	3632076.96	0.40724	482387.33	3632076.96	0.39833

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1G ***
INCLUDING SOURCE(S): L0003038 , L0003039 , L0003040 , L0003041 , L0003042 ,
L0003043 , L0003044 , L0003045 , L0003046 , L0003047 , L0003048 , L0003049 , L0003050 ,
L0003051 , L0003052 , L0003053 , L0003054 , L0003055 , L0003056 , L0003057 , L0003058 ,
L0003059 , L0003060 , L0003061 , L0003062 , L0003063 , L0003064 , L0003065 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481772.73	3631604.47	10.78029	481784.20	3631601.43	15.56073
481778.35	3631616.54	10.66905	481784.90	3631628.99	10.46981
481789.96	3631638.02	10.30820	481794.39	3631645.94	10.22763
481798.07	3631653.77	9.92933	481803.51	3631663.08	9.85123
481790.43	3631611.85	15.28047	481797.06	3631624.38	14.36760
481803.88	3631636.73	13.86092	481810.88	3631647.60	13.88451
481817.61	3631657.00	14.08265	481807.93	3631668.15	9.95592
481830.70	3631656.81	19.12984	481847.56	3631647.69	33.55527
481860.18	3631669.62	27.85841	481870.78	3631690.45	23.54015
481851.52	3631699.85	13.71446	481860.55	3631717.27	10.58725
481876.22	3631730.63	9.31998	481882.67	3631741.78	7.79927
481858.06	3631754.13	5.35126	481852.07	3631742.98	6.02612
481842.77	3631727.68	7.00039	481833.55	3631709.89	8.42476
481825.17	3631695.98	9.16967	481817.24	3631684.37	9.51876
481923.14	3631705.82	20.17820	481913.17	3631710.88	18.04508
481926.72	3631734.41	10.39596	481938.96	3631728.85	11.44580
481818.85	3631602.33	37.21240	481834.03	3631630.99	32.60600
481807.91	3631582.33	27.19062	481801.20	3631575.73	26.46417
481837.45	3631557.73	41.94538	481863.87	3631594.86	54.49045
481880.29	3631626.99	48.73592	481860.34	3631634.23	44.02871
481842.33	3631602.63	39.56452	481827.68	3631577.21	45.96912
481387.33	3631276.96	0.24008	481437.33	3631276.96	0.27560
481487.33	3631276.96	0.31832	481537.33	3631276.96	0.37008
481587.33	3631276.96	0.43097	481637.33	3631276.96	0.50084
481687.33	3631276.96	0.57868	481737.33	3631276.96	0.65958
481787.33	3631276.96	0.73977	481837.33	3631276.96	0.81366
481887.33	3631276.96	0.87757	481937.33	3631276.96	0.92333
482087.33	3631276.96	0.90419	482137.33	3631276.96	0.86139
482187.33	3631276.96	0.80253	482237.33	3631276.96	0.73798
482287.33	3631276.96	0.67234	482337.33	3631276.96	0.60906
481437.33	3631326.96	0.30345	481487.33	3631326.96	0.35862
481537.33	3631326.96	0.42631	481587.33	3631326.96	0.51034
481637.33	3631326.96	0.61254	481687.33	3631326.96	0.73508
481737.33	3631326.96	0.87307	481787.33	3631326.96	1.01396
481837.33	3631326.96	1.14467	481887.33	3631326.96	1.25304
481937.33	3631326.96	1.32020	482187.33	3631326.96	0.99999
482237.33	3631326.96	0.89278	482287.33	3631326.96	0.79290
482337.33	3631326.96	0.70215	481437.33	3631376.96	0.29868
481487.33	3631376.96	0.37224	481537.33	3631376.96	0.46889
481587.33	3631376.96	0.60547	481637.33	3631376.96	0.75927

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1G ***
INCLUDING SOURCE(S): L0003038 , L0003039 , L0003040 , L0003041 , L0003042 ,
L0003043 , L0003044 , L0003045 , L0003046 , L0003047 , L0003048 , L0003049 , L0003050 ,
L0003051 , L0003052 , L0003053 , L0003054 , L0003055 , L0003056 , L0003057 , L0003058 ,
L0003059 , L0003060 , L0003061 , L0003062 , L0003063 , L0003064 , L0003065 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481687.33	3631376.96	0.95678	481737.33	3631376.96	1.20598
481787.33	3631376.96	1.48233	481837.33	3631376.96	1.74980
481887.33	3631376.96	1.95433	481937.33	3631376.96	2.04047
482187.33	3631376.96	1.23790	482237.33	3631376.96	1.06830
482287.33	3631376.96	0.92178	482337.33	3631376.96	0.79601
482387.33	3631376.96	0.68847	481437.33	3631426.96	0.35301
481487.33	3631426.96	0.43633	481537.33	3631426.96	0.54147
481587.33	3631426.96	0.71226	481637.33	3631426.96	0.93957
481687.33	3631426.96	1.26150	481737.33	3631426.96	1.75082
481787.33	3631426.96	2.37862	481837.33	3631426.96	3.05932
481887.33	3631426.96	3.51568	481937.33	3631426.96	3.54202
482087.33	3631426.96	2.20857	482187.33	3631426.96	1.50675
482237.33	3631426.96	1.25274	482287.33	3631426.96	1.04871
482337.33	3631426.96	0.88139	482387.33	3631426.96	0.74715
481487.33	3631476.96	0.47334	481537.33	3631476.96	0.60793
481587.33	3631476.96	0.82191	481637.33	3631476.96	1.14413
481687.33	3631476.96	1.65987	481737.33	3631476.96	2.66004
481787.33	3631476.96	4.33208	481837.33	3631476.96	6.83409
481887.33	3631476.96	8.74366	481937.33	3631476.96	7.26075
482087.33	3631476.96	2.90919	482137.33	3631476.96	2.25786
482187.33	3631476.96	1.78064	482237.33	3631476.96	1.43003
482287.33	3631476.96	1.16099	482337.33	3631476.96	0.95309
482387.33	3631476.96	0.79348	481537.33	3631526.96	0.66242
481587.33	3631526.96	0.91398	481637.33	3631526.96	1.33363
481687.33	3631526.96	2.07755	481737.33	3631526.96	3.90569
481787.33	3631526.96	10.02363	481837.33	3631526.96	25.58267
482087.33	3631526.96	3.67032	482137.33	3631526.96	2.70714
482187.33	3631526.96	2.04363	482237.33	3631526.96	1.58115
482287.33	3631526.96	1.24594	482337.33	3631526.96	1.00468
482387.33	3631526.96	0.82488	481537.33	3631576.96	0.69451
481587.33	3631576.96	0.96900	481637.33	3631576.96	1.44368
481687.33	3631576.96	2.38746	481737.33	3631576.96	5.10909
482087.33	3631576.96	4.46795	482137.33	3631576.96	3.07252
482187.33	3631576.96	2.24492	482237.33	3631576.96	1.68658
482287.33	3631576.96	1.30745	482337.33	3631576.96	1.03956
482387.33	3631576.96	0.85839	481637.33	3631626.96	1.42203
481687.33	3631626.96	2.32042	481737.33	3631626.96	4.29442
482137.33	3631626.96	3.32144	482187.33	3631626.96	2.34656
482237.33	3631626.96	1.73882	482287.33	3631626.96	1.33760
482337.33	3631626.96	1.06479	482387.33	3631626.96	0.86771

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1G ***
INCLUDING SOURCE(S): L0003038 , L0003039 , L0003040 , L0003041 , L0003042 ,
L0003043 , L0003044 , L0003045 , L0003046 , L0003047 , L0003048 , L0003049 , L0003050 ,
L0003051 , L0003052 , L0003053 , L0003054 , L0003055 , L0003056 , L0003057 , L0003058 ,
L0003059 , L0003060 , L0003061 , L0003062 , L0003063 , L0003064 , L0003065 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481587.33	3631676.96	0.91179	481637.33	3631676.96	1.29245
481687.33	3631676.96	1.99061	481737.33	3631676.96	3.27773
481787.33	3631676.96	6.14414	482137.33	3631676.96	3.29355
482187.33	3631676.96	2.33153	482237.33	3631676.96	1.73732
482287.33	3631676.96	1.34316	482337.33	3631676.96	1.07724
482387.33	3631676.96	0.87132	481587.33	3631726.96	0.82259
481637.33	3631726.96	1.12782	481687.33	3631726.96	1.62457
481737.33	3631726.96	2.40892	481787.33	3631726.96	3.76370
482037.33	3631726.96	6.29022	482087.33	3631726.96	4.24586
482137.33	3631726.96	2.99501	482187.33	3631726.96	2.20610
482237.33	3631726.96	1.68132	482287.33	3631726.96	1.33115
482337.33	3631726.96	1.07342	482387.33	3631726.96	0.87221
481737.33	3631776.96	1.74770	481787.33	3631776.96	2.44784
481837.33	3631776.96	3.38609	481937.33	3631776.96	5.03785
481987.33	3631776.96	4.77642	482037.33	3631776.96	4.01507
482087.33	3631776.96	3.17856	482137.33	3631776.96	2.48245
482187.33	3631776.96	1.94658	482237.33	3631776.96	1.54849
482287.33	3631776.96	1.26534	482337.33	3631776.96	1.03755
482387.33	3631776.96	0.85913	481687.33	3631826.96	1.00989
481737.33	3631826.96	1.28651	481787.33	3631826.96	1.64999
481837.33	3631826.96	2.06315	481887.33	3631826.96	2.49833
481937.33	3631826.96	2.74231	481987.33	3631826.96	2.77113
482037.33	3631826.96	2.57116	482087.33	3631826.96	2.25106
482137.33	3631826.96	1.92010	482187.33	3631826.96	1.61155
482237.33	3631826.96	1.35631	482287.33	3631826.96	1.14327
482337.33	3631826.96	0.96583	482387.33	3631826.96	0.81633
481687.33	3631876.96	0.80328	481737.33	3631876.96	0.97583
481787.33	3631876.96	1.16996	481837.33	3631876.96	1.40136
481887.33	3631876.96	1.61229	481937.33	3631876.96	1.75294
481987.33	3631876.96	1.77507	482037.33	3631876.96	1.71905
482087.33	3631876.96	1.60140	482137.33	3631876.96	1.44622
482187.33	3631876.96	1.27287	482237.33	3631876.96	1.12471
482287.33	3631876.96	0.98456	482337.33	3631876.96	0.85178
482387.33	3631876.96	0.74675	481737.33	3631926.96	0.75187
481787.33	3631926.96	0.88019	481837.33	3631926.96	1.01313
481887.33	3631926.96	1.13585	481937.33	3631926.96	1.21874
481987.33	3631926.96	1.24818	482037.33	3631926.96	1.22682
482087.33	3631926.96	1.15330	482137.33	3631926.96	1.09710
482187.33	3631926.96	0.99566	482237.33	3631926.96	0.88564
482287.33	3631926.96	0.81070	482337.33	3631926.96	0.73282

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1G ***
INCLUDING SOURCE(S): L0003038 , L0003039 , L0003040 , L0003041 , L0003042 ,
L0003043 , L0003044 , L0003045 , L0003046 , L0003047 , L0003048 , L0003049 , L0003050 ,
L0003051 , L0003052 , L0003053 , L0003054 , L0003055 , L0003056 , L0003057 , L0003058 ,
L0003059 , L0003060 , L0003061 , L0003062 , L0003063 , L0003064 , L0003065 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482387.33	3631926.96	0.65966	481637.33	3631976.96	0.45325
481687.33	3631976.96	0.52265	481737.33	3631976.96	0.59879
481787.33	3631976.96	0.68432	481837.33	3631976.96	0.76976
481887.33	3631976.96	0.84602	481937.33	3631976.96	0.90326
481987.33	3631976.96	0.92064	482037.33	3631976.96	0.91403
482087.33	3631976.96	0.88934	482137.33	3631976.96	0.79257
482187.33	3631976.96	0.75007	482237.33	3631976.96	0.70267
482287.33	3631976.96	0.65883	482337.33	3631976.96	0.61369
482387.33	3631976.96	0.56666	481637.33	3632026.96	0.38709
481687.33	3632026.96	0.43364	481787.33	3632026.96	0.55334
481837.33	3632026.96	0.60587	481887.33	3632026.96	0.65924
481937.33	3632026.96	0.67329	481987.33	3632026.96	0.71440
482037.33	3632026.96	0.66950	482087.33	3632026.96	0.66183
482137.33	3632026.96	0.66370	482187.33	3632026.96	0.59316
482237.33	3632026.96	0.56305	482287.33	3632026.96	0.53329
482337.33	3632026.96	0.51038	482387.33	3632026.96	0.48110
481837.33	3632076.96	0.48970	481887.33	3632076.96	0.52678
481937.33	3632076.96	0.54932	481987.33	3632076.96	0.56747
482037.33	3632076.96	0.53644	482087.33	3632076.96	0.53640
482137.33	3632076.96	0.54775	482187.33	3632076.96	0.47313
482237.33	3632076.96	0.45730	482287.33	3632076.96	0.43861
482337.33	3632076.96	0.40765	482387.33	3632076.96	0.39959

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1P1 ***
INCLUDING SOURCE(S): L0000071 , L0000072 , L0000073 , L0000074 , L0000075 ,
L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481772.73	3631604.47	5.34542	481784.20	3631601.43	6.53105
481778.35	3631616.54	5.15193	481784.90	3631628.99	4.91399
481789.96	3631638.02	4.72168	481794.39	3631645.94	4.52382
481798.07	3631653.77	4.29462	481803.51	3631663.08	4.05698
481790.43	3631611.85	6.38430	481797.06	3631624.38	5.99545
481803.88	3631636.73	5.56088	481810.88	3631647.60	5.21211
481817.61	3631657.00	4.92220	481807.93	3631668.15	3.97660
481830.70	3631656.81	5.51565	481847.56	3631647.69	7.24100
481860.18	3631669.62	5.62077	481870.78	3631690.45	4.45699
481851.52	3631699.85	3.64975	481860.55	3631717.27	3.13268
481876.22	3631730.63	2.87834	481882.67	3631741.78	2.62428
481858.06	3631754.13	2.17396	481852.07	3631742.98	2.35190
481842.77	3631727.68	2.61509	481833.55	3631709.89	2.98836
481825.17	3631695.98	3.29951	481817.24	3631684.37	3.55566
481923.14	3631705.82	4.14233	481913.17	3631710.88	3.86789
481926.72	3631734.41	3.04216	481938.96	3631728.85	3.23854
481818.85	3631602.33	11.47502	481834.03	3631630.99	8.46439
481807.91	3631582.33	12.91023	481801.20	3631575.73	12.08806
481837.45	3631557.73	53.75325	481863.87	3631594.86	27.80980
481880.29	3631626.99	13.19810	481860.34	3631634.23	10.12387
481842.33	3631602.63	16.75586	481827.68	3631577.21	23.32596
481387.33	3631276.96	0.26193	481437.33	3631276.96	0.30546
481487.33	3631276.96	0.35988	481537.33	3631276.96	0.42912
481587.33	3631276.96	0.51578	481637.33	3631276.96	0.62196
481687.33	3631276.96	0.75041	481737.33	3631276.96	0.89451
481787.33	3631276.96	1.04711	481837.33	3631276.96	1.19277
481887.33	3631276.96	1.32136	481937.33	3631276.96	1.41401
482087.33	3631276.96	1.34624	482137.33	3631276.96	1.24587
482187.33	3631276.96	1.12089	482237.33	3631276.96	0.99376
482287.33	3631276.96	0.87339	482337.33	3631276.96	0.76483
481437.33	3631326.96	0.33198	481487.33	3631326.96	0.40018
481537.33	3631326.96	0.48793	481587.33	3631326.96	0.60382
481637.33	3631326.96	0.75939	481687.33	3631326.96	0.96173
481737.33	3631326.96	1.21262	481787.33	3631326.96	1.50146
481837.33	3631326.96	1.78810	481887.33	3631326.96	2.03841
481937.33	3631326.96	2.19193	482187.33	3631326.96	1.40686
482237.33	3631326.96	1.19604	482287.33	3631326.96	1.01523
482337.33	3631326.96	0.86428	481437.33	3631376.96	0.32019
481487.33	3631376.96	0.40593	481537.33	3631376.96	0.52383
481587.33	3631376.96	0.70151	481637.33	3631376.96	0.92099

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1P1 ***
INCLUDING SOURCE(S): L0000071 , L0000072 , L0000073 , L0000074 , L0000075 ,
L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481687.33	3631376.96	1.24220	481737.33	3631376.96	1.69971
481787.33	3631376.96	2.30846	481837.33	3631376.96	2.98287
481887.33	3631376.96	3.55376	481937.33	3631376.96	3.79824
482187.33	3631376.96	1.72085	482237.33	3631376.96	1.39770
482287.33	3631376.96	1.14517	482337.33	3631376.96	0.94760
482387.33	3631376.96	0.79171	481437.33	3631426.96	0.37191
481487.33	3631426.96	0.46591	481537.33	3631426.96	0.58858
481587.33	3631426.96	0.79706	481637.33	3631426.96	1.09598
481687.33	3631426.96	1.58114	481737.33	3631426.96	2.42916
481787.33	3631426.96	3.86335	481837.33	3631426.96	5.91056
481887.33	3631426.96	7.64665	481937.33	3631426.96	7.80803
482087.33	3631426.96	3.56613	482187.33	3631426.96	2.01357
482237.33	3631426.96	1.56638	482287.33	3631426.96	1.24425
482337.33	3631426.96	1.00348	482387.33	3631426.96	0.82617
481487.33	3631476.96	0.49070	481537.33	3631476.96	0.63692
481587.33	3631476.96	0.87596	481637.33	3631476.96	1.25075
481687.33	3631476.96	1.91225	481737.33	3631476.96	3.35871
481787.33	3631476.96	6.80264	481837.33	3631476.96	15.60080
481887.33	3631476.96	26.25565	481937.33	3631476.96	20.45034
482087.33	3631476.96	4.46212	482137.33	3631476.96	3.06963
482187.33	3631476.96	2.22343	482237.33	3631476.96	1.68178
482287.33	3631476.96	1.30589	482337.33	3631476.96	1.03875
482387.33	3631476.96	0.84357	481537.33	3631526.96	0.66417
481587.33	3631526.96	0.91639	481637.33	3631526.96	1.33621
481687.33	3631526.96	2.09113	481737.33	3631526.96	3.88899
481787.33	3631526.96	10.37083	481837.33	3631526.96	57.62595
482087.33	3631526.96	4.96635	482137.33	3631526.96	3.31565
482187.33	3631526.96	2.34917	482237.33	3631526.96	1.74428
482287.33	3631526.96	1.33513	482337.33	3631526.96	1.05889
482387.33	3631526.96	0.85959	481537.33	3631576.96	0.66439
481587.33	3631576.96	0.91122	481637.33	3631576.96	1.31658
481687.33	3631576.96	2.06905	481737.33	3631576.96	3.76122
482087.33	3631576.96	4.95658	482137.33	3631576.96	3.30049
482187.33	3631576.96	2.37085	482237.33	3631576.96	1.76437
482287.33	3631576.96	1.35920	482337.33	3631576.96	1.07586
482387.33	3631576.96	0.87480	481637.33	3631626.96	1.20477
481687.33	3631626.96	1.79974	481737.33	3631626.96	2.84560
482137.33	3631626.96	3.09493	482187.33	3631626.96	2.27977
482237.33	3631626.96	1.73257	482287.33	3631626.96	1.34762
482337.33	3631626.96	1.07682	482387.33	3631626.96	0.88926

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1P1 ***
INCLUDING SOURCE(S): L0000071 , L0000072 , L0000073 , L0000074 , L0000075 ,
L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481587.33	3631676.96	0.77518	481637.33	3631676.96	1.03705
481687.33	3631676.96	1.45141	481737.33	3631676.96	2.06628
481787.33	3631676.96	3.01074	482137.33	3631676.96	2.63463
482187.33	3631676.96	2.05748	482237.33	3631676.96	1.62241
482287.33	3631676.96	1.29845	482337.33	3631676.96	1.06439
482387.33	3631676.96	0.88418	481587.33	3631726.96	0.67654
481637.33	3631726.96	0.87227	481687.33	3631726.96	1.13973
481737.33	3631726.96	1.50013	481787.33	3631726.96	1.94713
482037.33	3631726.96	2.87886	482087.33	3631726.96	2.48236
482137.33	3631726.96	2.08927	482187.33	3631726.96	1.73612
482237.33	3631726.96	1.43675	482287.33	3631726.96	1.19565
482337.33	3631726.96	1.01588	482387.33	3631726.96	0.85337
481737.33	3631776.96	1.11379	481787.33	3631776.96	1.37567
481837.33	3631776.96	1.65677	481937.33	3631776.96	2.06727
481987.33	3631776.96	2.06125	482037.33	3631776.96	1.95578
482087.33	3631776.96	1.79321	482137.33	3631776.96	1.59598
482187.33	3631776.96	1.39945	482237.33	3631776.96	1.21417
482287.33	3631776.96	1.05357	482337.33	3631776.96	0.91734
482387.33	3631776.96	0.79334	481687.33	3631826.96	0.71781
481737.33	3631826.96	0.85218	481787.33	3631826.96	1.00777
481837.33	3631826.96	1.16561	481887.33	3631826.96	1.31916
481937.33	3631826.96	1.40551	481987.33	3631826.96	1.43052
482037.33	3631826.96	1.39211	482087.33	3631826.96	1.30865
482137.33	3631826.96	1.21363	482187.33	3631826.96	1.10677
482237.33	3631826.96	0.99099	482287.33	3631826.96	0.89088
482337.33	3631826.96	0.79790	482387.33	3631826.96	0.70864
481687.33	3631876.96	0.58082	481737.33	3631876.96	0.67263
481787.33	3631876.96	0.76548	481837.33	3631876.96	0.87098
481887.33	3631876.96	0.96294	481937.33	3631876.96	1.02518
481987.33	3631876.96	1.04054	482037.33	3631876.96	1.02674
482087.33	3631876.96	0.99010	482137.33	3631876.96	0.93655
482187.33	3631876.96	0.87520	482237.33	3631876.96	0.81257
482287.33	3631876.96	0.73349	482337.33	3631876.96	0.66485
482387.33	3631876.96	0.61306	481737.33	3631926.96	0.53870
481787.33	3631926.96	0.60689	481837.33	3631926.96	0.67501
481887.33	3631926.96	0.73669	481937.33	3631926.96	0.77934
481987.33	3631926.96	0.79753	482037.33	3631926.96	0.79192
482087.33	3631926.96	0.76730	482137.33	3631926.96	0.73984
482187.33	3631926.96	0.70219	482237.33	3631926.96	0.61954
482287.33	3631926.96	0.58910	482337.33	3631926.96	0.55393

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1P1 ***
INCLUDING SOURCE(S): L0000071 , L0000072 , L0000073 , L0000074 , L0000075 ,
L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482387.33	3631926.96	0.51983	481637.33	3631976.96	0.35555
481687.33	3631976.96	0.39822	481737.33	3631976.96	0.44318
481787.33	3631976.96	0.49228	481837.33	3631976.96	0.54016
481887.33	3631976.96	0.58255	481937.33	3631976.96	0.61516
481987.33	3631976.96	0.62850	482037.33	3631976.96	0.62796
482087.33	3631976.96	0.61611	482137.33	3631976.96	0.57100
482187.33	3631976.96	0.52898	482237.33	3631976.96	0.50177
482287.33	3631976.96	0.47995	482337.33	3631976.96	0.45882
482387.33	3631976.96	0.43642	481637.33	3632026.96	0.30692
481687.33	3632026.96	0.33751	481787.33	3632026.96	0.40993
481837.33	3632026.96	0.44268	481887.33	3632026.96	0.47467
481937.33	3632026.96	0.49563	481987.33	3632026.96	0.50998
482037.33	3632026.96	0.50977	482087.33	3632026.96	0.50304
482137.33	3632026.96	0.49114	482187.33	3632026.96	0.43459
482237.33	3632026.96	0.41440	482287.33	3632026.96	0.39533
482337.33	3632026.96	0.38440	482387.33	3632026.96	0.36898
481837.33	3632076.96	0.36962	481887.33	3632076.96	0.39318
481937.33	3632076.96	0.41050	481987.33	3632076.96	0.42159
482037.33	3632076.96	0.42341	482087.33	3632076.96	0.41976
482137.33	3632076.96	0.41264	482187.33	3632076.96	0.35892
482237.33	3632076.96	0.34727	482287.33	3632076.96	0.33372
482337.33	3632076.96	0.31008	482387.33	3632076.96	0.30767

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1P2 ***
INCLUDING SOURCE(S): L0003104 , L0003105 , L0003106 , L0003107 , L0003108 ,
L0003109 , L0003110 , L0003111 , L0003112 , L0003113 , L0003114 , L0003115 , L0003116 ,
L0003117 , L0003118 , L0003119 , L0003120 , L0003121 , L0003122 , L0003123 , L0003124 ,
L0003125 , L0003126 , L0003127 , L0003128 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481772.73	3631604.47	3.93318	481784.20	3631601.43	4.59663
481778.35	3631616.54	4.63221	481784.90	3631628.99	5.54001
481789.96	3631638.02	6.24304	481794.39	3631645.94	7.08560
481798.07	3631653.77	7.66485	481803.51	3631663.08	8.75423
481790.43	3631611.85	5.51862	481797.06	3631624.38	6.84478
481803.88	3631636.73	8.55452	481810.88	3631647.60	10.63695
481817.61	3631657.00	12.91953	481807.93	3631668.15	9.46229
481830.70	3631656.81	19.83715	481847.56	3631647.69	41.77508
481860.18	3631669.62	49.83389	481870.78	3631690.45	39.86107
481851.52	3631699.85	21.08989	481860.55	3631717.27	16.55858
481876.22	3631730.63	15.10953	481882.67	3631741.78	12.54156
481858.06	3631754.13	7.70706	481852.07	3631742.98	8.63152
481842.77	3631727.68	9.80878	481833.55	3631709.89	11.38063
481825.17	3631695.98	11.48457	481817.24	3631684.37	10.83385
481923.14	3631705.82	43.94048	481913.17	3631710.88	36.27284
481926.72	3631734.41	19.44194	481938.96	3631728.85	22.45472
481818.85	3631602.33	8.36767	481834.03	3631630.99	19.16488
481807.91	3631582.33	5.37208	481801.20	3631575.73	4.54055
481837.45	3631557.73	5.31075	481863.87	3631594.86	15.30483
481880.29	3631626.99	40.83260	481860.34	3631634.23	35.70233
481842.33	3631602.63	13.27385	481827.68	3631577.21	6.50887
481387.33	3631276.96	0.19742	481437.33	3631276.96	0.22214
481487.33	3631276.96	0.25077	481537.33	3631276.96	0.28401
481587.33	3631276.96	0.32130	481637.33	3631276.96	0.36290
481687.33	3631276.96	0.40744	481737.33	3631276.96	0.45377
481787.33	3631276.96	0.49975	481837.33	3631276.96	0.54342
481887.33	3631276.96	0.58340	481937.33	3631276.96	0.61823
482087.33	3631276.96	0.66907	482137.33	3631276.96	0.66733
482187.33	3631276.96	0.65034	482237.33	3631276.96	0.62329
482287.33	3631276.96	0.58910	482337.33	3631276.96	0.55107
481437.33	3631326.96	0.24309	481487.33	3631326.96	0.27937
481537.33	3631326.96	0.32167	481587.33	3631326.96	0.37128
481637.33	3631326.96	0.42613	481687.33	3631326.96	0.49020
481737.33	3631326.96	0.56248	481787.33	3631326.96	0.63332
481837.33	3631326.96	0.70135	481887.33	3631326.96	0.76173
481937.33	3631326.96	0.81698	482187.33	3631326.96	0.82333
482237.33	3631326.96	0.77266	482287.33	3631326.96	0.71564
482337.33	3631326.96	0.65570	481437.33	3631376.96	0.24131
481487.33	3631376.96	0.29118	481537.33	3631376.96	0.35196
481587.33	3631376.96	0.42982	481637.33	3631376.96	0.50982

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1P2 ***
INCLUDING SOURCE(S): L0003104 , L0003105 , L0003106 , L0003107 , L0003108 ,
L0003109 , L0003110 , L0003111 , L0003112 , L0003113 , L0003114 , L0003115 , L0003116 ,
L0003117 , L0003118 , L0003119 , L0003120 , L0003121 , L0003122 , L0003123 , L0003124 ,
L0003125 , L0003126 , L0003127 , L0003128 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481687.33	3631376.96	0.60036	481737.33	3631376.96	0.71251
481787.33	3631376.96	0.82781	481837.33	3631376.96	0.94180
481887.33	3631376.96	1.04177	481937.33	3631376.96	1.13078
482187.33	3631376.96	1.05742	482237.33	3631376.96	0.96494
482287.33	3631376.96	0.86933	482337.33	3631376.96	0.77614
482387.33	3631376.96	0.68823	481437.33	3631426.96	0.28284
481487.33	3631426.96	0.33751	481537.33	3631426.96	0.40184
481587.33	3631426.96	0.49650	481637.33	3631426.96	0.60824
481687.33	3631426.96	0.74063	481737.33	3631426.96	0.92246
481787.33	3631426.96	1.12161	481837.33	3631426.96	1.32614
481887.33	3631426.96	1.50156	481937.33	3631426.96	1.67310
482087.33	3631426.96	1.67709	482187.33	3631426.96	1.37116
482237.33	3631426.96	1.20326	482287.33	3631426.96	1.04668
482337.33	3631426.96	0.90435	482387.33	3631426.96	0.78006
481487.33	3631476.96	0.36790	481537.33	3631476.96	0.45094
481587.33	3631476.96	0.56889	481637.33	3631476.96	0.72290
481687.33	3631476.96	0.91906	481737.33	3631476.96	1.21651
481787.33	3631476.96	1.57772	481837.33	3631476.96	1.99582
481887.33	3631476.96	2.39165	481937.33	3631476.96	2.72508
482087.33	3631476.96	2.43686	482137.33	3631476.96	2.09992
482187.33	3631476.96	1.76632	482237.33	3631476.96	1.47757
482287.33	3631476.96	1.23150	482337.33	3631476.96	1.02702
482387.33	3631476.96	0.86808	481537.33	3631526.96	0.49775
481587.33	3631526.96	0.64202	481637.33	3631526.96	0.84669
481687.33	3631526.96	1.12878	481737.33	3631526.96	1.60068
481787.33	3631526.96	2.40769	481837.33	3631526.96	3.38848
482087.33	3631526.96	3.59845	482137.33	3631526.96	2.84760
482187.33	3631526.96	2.22746	482237.33	3631526.96	1.75467
482287.33	3631526.96	1.39567	482337.33	3631526.96	1.12588
482387.33	3631526.96	0.92223	481537.33	3631576.96	0.53680
481587.33	3631576.96	0.70644	481637.33	3631576.96	0.96557
481687.33	3631576.96	1.37101	481737.33	3631576.96	2.15073
482087.33	3631576.96	5.27619	482137.33	3631576.96	3.64487
482187.33	3631576.96	2.65481	482237.33	3631576.96	1.97544
482287.33	3631576.96	1.51456	482337.33	3631576.96	1.19152
482387.33	3631576.96	0.98674	481637.33	3631626.96	1.03563
481687.33	3631626.96	1.55591	481737.33	3631626.96	2.55277
482137.33	3631626.96	4.34628	482187.33	3631626.96	2.93705
482237.33	3631626.96	2.10579	482287.33	3631626.96	1.58736
482337.33	3631626.96	1.24821	482387.33	3631626.96	0.99316

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1P2 ***
INCLUDING SOURCE(S): L0003104 , L0003105 , L0003106 , L0003107 , L0003108 ,
L0003109 , L0003110 , L0003111 , L0003112 , L0003113 , L0003114 , L0003115 , L0003116 ,
L0003117 , L0003118 , L0003119 , L0003120 , L0003121 , L0003122 , L0003123 , L0003124 ,
L0003125 , L0003126 , L0003127 , L0003128 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481587.33	3631676.96	0.75278	481637.33	3631676.96	1.04709
481687.33	3631676.96	1.59150	481737.33	3631676.96	2.66571
481787.33	3631676.96	5.56695	482137.33	3631676.96	4.59041
482187.33	3631676.96	3.03614	482237.33	3631676.96	2.15950
482287.33	3631676.96	1.61443	482337.33	3631676.96	1.26065
482387.33	3631676.96	0.99514	481587.33	3631726.96	0.72701
481637.33	3631726.96	1.00439	481687.33	3631726.96	1.49654
481737.33	3631726.96	2.34962	481787.33	3631726.96	4.15426
482037.33	3631726.96	11.01261	482087.33	3631726.96	6.70751
482137.33	3631726.96	4.33634	482187.33	3631726.96	2.98353
482237.33	3631726.96	2.15650	482287.33	3631726.96	1.63854
482337.33	3631726.96	1.27376	482387.33	3631726.96	1.00665
481737.33	3631776.96	1.85717	481787.33	3631776.96	2.85314
481837.33	3631776.96	4.43507	481937.33	3631776.96	8.23397
481987.33	3631776.96	8.02885	482037.33	3631776.96	6.56599
482087.33	3631776.96	4.92478	482137.33	3631776.96	3.62761
482187.33	3631776.96	2.69017	482237.33	3631776.96	2.04113
482287.33	3631776.96	1.59748	482337.33	3631776.96	1.26145
482387.33	3631776.96	1.01360	481687.33	3631826.96	1.05583
481737.33	3631826.96	1.41671	481787.33	3631826.96	1.93655
481837.33	3631826.96	2.60375	481887.33	3631826.96	3.42433
481937.33	3631826.96	4.01347	481987.33	3631826.96	4.19753
482037.33	3631826.96	3.89530	482087.33	3631826.96	3.33717
482137.33	3631826.96	2.75469	482187.33	3631826.96	2.22691
482237.33	3631826.96	1.80701	482287.33	3631826.96	1.46953
482337.33	3631826.96	1.20115	482387.33	3631826.96	0.98455
481687.33	3631876.96	0.86355	481737.33	3631876.96	1.08817
481787.33	3631876.96	1.36268	481837.33	3631876.96	1.71790
481887.33	3631876.96	2.09075	481937.33	3631876.96	2.39109
481987.33	3631876.96	2.49440	482037.33	3631876.96	2.43883
482087.33	3631876.96	2.25926	482137.33	3631876.96	2.00850
482187.33	3631876.96	1.71865	482237.33	3631876.96	1.48941
482287.33	3631876.96	1.27336	482337.33	3631876.96	1.07232
482387.33	3631876.96	0.91584	481737.33	3631926.96	0.83956
481787.33	3631926.96	1.01542	481837.33	3631926.96	1.21234
481887.33	3631926.96	1.41698	481937.33	3631926.96	1.58107
481987.33	3631926.96	1.66367	482037.33	3631926.96	1.65475
482087.33	3631926.96	1.54233	482137.33	3631926.96	1.47124
482187.33	3631926.96	1.30274	482237.33	3631926.96	1.16006
482287.33	3631926.96	1.04370	482337.33	3631926.96	0.92530

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1P2 ***
INCLUDING SOURCE(S): L0003104 , L0003105 , L0003106 , L0003107 , L0003108 ,
L0003109 , L0003110 , L0003111 , L0003112 , L0003113 , L0003114 , L0003115 , L0003116 ,
L0003117 , L0003118 , L0003119 , L0003120 , L0003121 , L0003122 , L0003123 , L0003124 ,
L0003125 , L0003126 , L0003127 , L0003128 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482387.33	3631926.96	0.81585	481637.33	3631976.96	0.48238
481687.33	3631976.96	0.56868	481737.33	3631976.96	0.66675
481787.33	3631976.96	0.78126	481837.33	3631976.96	0.90375
481887.33	3631976.96	1.02527	481937.33	3631976.96	1.12992
481987.33	3631976.96	1.17848	482037.33	3631976.96	1.18496
482087.33	3631976.96	1.15735	482137.33	3631976.96	1.02173
482187.33	3631976.96	0.96882	482237.33	3631976.96	0.90136
482287.33	3631976.96	0.83697	482337.33	3631976.96	0.77006
482387.33	3631976.96	0.70080	481637.33	3632026.96	0.41500
481687.33	3632026.96	0.47200	481787.33	3632026.96	0.62796
481837.33	3632026.96	0.70034	481887.33	3632026.96	0.78179
481937.33	3632026.96	0.80445	481987.33	3632026.96	0.88674
482037.33	3632026.96	0.82452	482087.33	3632026.96	0.81545
482137.33	3632026.96	0.82402	482187.33	3632026.96	0.74693
482237.33	3632026.96	0.70656	482287.33	3632026.96	0.66590
482337.33	3632026.96	0.63268	482387.33	3632026.96	0.59098
481837.33	3632076.96	0.55869	481887.33	3632076.96	0.61350
481937.33	3632076.96	0.64955	481987.33	3632076.96	0.68313
482037.33	3632076.96	0.64453	482087.33	3632076.96	0.64153
482137.33	3632076.96	0.67650	482187.33	3632076.96	0.58282
482237.33	3632076.96	0.56227	482287.33	3632076.96	0.53784
482337.33	3632076.96	0.49804	482387.33	3632076.96	0.48571

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1SP ***
INCLUDING SOURCE(S): L0002579 , L0002580 , L0002581 , L0002582 , L0002583 ,
L0002584 , L0002585 , L0002586 , L0002587 , L0002588 , L0002589 , L0002590 , L0002591 ,
L0002592 , L0002593 , L0002594 , L0002595 , L0002596 , L0002597 , L0002598 , L0002599 ,
L0002600 , L0002601 , L0002602 , L0002603 , L0002604 , L0002605 , L0002606 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481772.73	3631604.47	2.93833	481784.20	3631601.43	3.44060
481778.35	3631616.54	3.01067	481784.90	3631628.99	3.08876
481789.96	3631638.02	3.13607	481794.39	3631645.94	3.18666
481798.07	3631653.77	3.18930	481803.51	3631663.08	3.24555
481790.43	3631611.85	3.56338	481797.06	3631624.38	3.64578
481803.88	3631636.73	3.72413	481810.88	3631647.60	3.83399
481817.61	3631657.00	3.95600	481807.93	3631668.15	3.30914
481830.70	3631656.81	4.67400	481847.56	3631647.69	6.24540
481860.18	3631669.62	6.69420	481870.78	3631690.45	6.79486
481851.52	3631699.85	4.60677	481860.55	3631717.27	4.35619
481876.22	3631730.63	4.51535	481882.67	3631741.78	4.20357
481858.06	3631754.13	2.93245	481852.07	3631742.98	3.08358
481842.77	3631727.68	3.22724	481833.55	3631709.89	3.40548
481825.17	3631695.98	3.41274	481817.24	3631684.37	3.36251
481923.14	3631705.82	14.86225	481913.17	3631710.88	10.87446
481926.72	3631734.41	7.35373	481938.96	3631728.85	9.08668
481818.85	3631602.33	5.63596	481834.03	3631630.99	5.70311
481807.91	3631582.33	5.48440	481801.20	3631575.73	5.06027
481837.45	3631557.73	16.28088	481863.87	3631594.86	12.58915
481880.29	3631626.99	11.91459	481860.34	3631634.23	8.22593
481842.33	3631602.63	8.12156	481827.68	3631577.21	8.61027
481387.33	3631276.96	0.20727	481437.33	3631276.96	0.23685
481487.33	3631276.96	0.27274	481537.33	3631276.96	0.31687
481587.33	3631276.96	0.37035	481637.33	3631276.96	0.43447
481687.33	3631276.96	0.51047	481737.33	3631276.96	0.59635
481787.33	3631276.96	0.68953	481837.33	3631276.96	0.78328
481887.33	3631276.96	0.87144	481937.33	3631276.96	0.94536
482087.33	3631276.96	1.01793	482137.33	3631276.96	0.99543
482187.33	3631276.96	0.94394	482237.33	3631276.96	0.87754
482287.33	3631276.96	0.80381	482337.33	3631276.96	0.72912
481437.33	3631326.96	0.25561	481487.33	3631326.96	0.29963
481537.33	3631326.96	0.35412	481587.33	3631326.96	0.42313
481637.33	3631326.96	0.51026	481687.33	3631326.96	0.62133
481737.33	3631326.96	0.75843	481787.33	3631326.96	0.91637
481837.33	3631326.96	1.08296	481887.33	3631326.96	1.24185
481937.33	3631326.96	1.37063	482187.33	3631326.96	1.23050
482237.33	3631326.96	1.10520	482287.33	3631326.96	0.98158
482337.33	3631326.96	0.86582	481437.33	3631376.96	0.24862
481487.33	3631376.96	0.30520	481537.33	3631376.96	0.37842
481587.33	3631376.96	0.48080	481637.33	3631376.96	0.59979

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1SP ***
INCLUDING SOURCE(S): L0002579 , L0002580 , L0002581 , L0002582 , L0002583 ,
L0002584 , L0002585 , L0002586 , L0002587 , L0002588 , L0002589 , L0002590 , L0002591 ,
L0002592 , L0002593 , L0002594 , L0002595 , L0002596 , L0002597 , L0002598 , L0002599 ,
L0002600 , L0002601 , L0002602 , L0002603 , L0002604 , L0002605 , L0002606 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481687.33	3631376.96	0.76088	481737.33	3631376.96	0.98431
481787.33	3631376.96	1.27257	481837.33	3631376.96	1.60817
481887.33	3631376.96	1.93574	481937.33	3631376.96	2.18065
482187.33	3631376.96	1.61117	482237.33	3631376.96	1.38491
482287.33	3631376.96	1.18444	482337.33	3631376.96	1.01127
482387.33	3631376.96	0.86319	481437.33	3631426.96	0.28607
481487.33	3631426.96	0.34632	481537.33	3631426.96	0.42093
481587.33	3631426.96	0.53865	481637.33	3631426.96	0.69483
481687.33	3631426.96	0.92138	481737.33	3631426.96	1.29204
481787.33	3631426.96	1.86179	481837.33	3631426.96	2.66716
481887.33	3631426.96	3.48263	481937.33	3631426.96	4.03452
482087.33	3631426.96	3.11168	482187.33	3631426.96	2.08998
482237.33	3631426.96	1.70245	482287.33	3631426.96	1.39562
482337.33	3631426.96	1.15094	482387.33	3631426.96	0.95590
481487.33	3631476.96	0.36648	481537.33	3631476.96	0.45587
481587.33	3631476.96	0.59082	481637.33	3631476.96	0.78458
481687.33	3631476.96	1.08395	481737.33	3631476.96	1.66195
481787.33	3631476.96	2.81401	481837.33	3631476.96	5.36234
481887.33	3631476.96	8.78975	481937.33	3631476.96	9.73985
482087.33	3631476.96	4.68774	482137.33	3631476.96	3.47820
482187.33	3631476.96	2.62152	482237.33	3631476.96	2.02405
482287.33	3631476.96	1.58732	482337.33	3631476.96	1.26410
482387.33	3631476.96	1.02761	481537.33	3631526.96	0.48155
481587.33	3631526.96	0.62836	481637.33	3631526.96	0.85104
481687.33	3631526.96	1.20198	481737.33	3631526.96	1.92199
481787.33	3631526.96	4.00928	481837.33	3631526.96	15.45000
482087.33	3631526.96	6.73000	482137.33	3631526.96	4.50342
482187.33	3631526.96	3.14887	482237.33	3631526.96	2.29929
482287.33	3631526.96	1.73071	482337.33	3631526.96	1.34760
482387.33	3631526.96	1.07569	481537.33	3631576.96	0.49430
481587.33	3631576.96	0.64623	481637.33	3631576.96	0.87855
481687.33	3631576.96	1.26133	481737.33	3631576.96	2.02610
482087.33	3631576.96	8.83488	482137.33	3631576.96	5.25775
482187.33	3631576.96	3.52146	482237.33	3631576.96	2.47715
482287.33	3631576.96	1.82802	482337.33	3631576.96	1.40005
482387.33	3631576.96	1.11496	481637.33	3631626.96	0.85915
481687.33	3631626.96	1.22122	481737.33	3631626.96	1.83045
482137.33	3631626.96	5.56842	482187.33	3631626.96	3.62814
482237.33	3631626.96	2.53520	482287.33	3631626.96	1.85951
482337.33	3631626.96	1.42960	482387.33	3631626.96	1.13082

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1SP ***
INCLUDING SOURCE(S): L0002579 , L0002580 , L0002581 , L0002582 , L0002583 ,
L0002584 , L0002585 , L0002586 , L0002587 , L0002588 , L0002589 , L0002590 , L0002591 ,
L0002592 , L0002593 , L0002594 , L0002595 , L0002596 , L0002597 , L0002598 , L0002599 ,
L0002600 , L0002601 , L0002602 , L0002603 , L0002604 , L0002605 , L0002606 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481587.33	3631676.96	0.61046	481637.33	3631676.96	0.80280
481687.33	3631676.96	1.11175	481737.33	3631676.96	1.59756
481787.33	3631676.96	2.47391	482137.33	3631676.96	5.04491
482187.33	3631676.96	3.42804	482237.33	3631676.96	2.45873
482287.33	3631676.96	1.83849	482337.33	3631676.96	1.43338
482387.33	3631676.96	1.13144	481587.33	3631726.96	0.56599
481637.33	3631726.96	0.73173	481687.33	3631726.96	0.98014
481737.33	3631726.96	1.34104	481787.33	3631726.96	1.91638
482037.33	3631726.96	7.67249	482087.33	3631726.96	5.55591
482137.33	3631726.96	4.02195	482187.33	3631726.96	2.96909
482237.33	3631726.96	2.24295	482287.33	3631726.96	1.74833
482337.33	3631726.96	1.38812	482387.33	3631726.96	1.11248
481737.33	3631776.96	1.09296	481787.33	3631776.96	1.47467
481837.33	3631776.96	2.02253	481937.33	3631776.96	3.82427
481987.33	3631776.96	4.34641	482037.33	3631776.96	4.14842
482087.33	3631776.96	3.57403	482137.33	3631776.96	2.93068
482187.33	3631776.96	2.36792	482237.33	3631776.96	1.91199
482287.33	3631776.96	1.56120	482337.33	3631776.96	1.28114
482387.33	3631776.96	1.05832	481687.33	3631826.96	0.70577
481737.33	3631826.96	0.88084	481787.33	3631826.96	1.11538
481837.33	3631826.96	1.40381	481887.33	3631826.96	1.78136
481937.33	3631826.96	2.16391	481987.33	3631826.96	2.44533
482037.33	3631826.96	2.47589	482087.33	3631826.96	2.30440
482137.33	3631826.96	2.06284	482187.33	3631826.96	1.79692
482237.33	3631826.96	1.52636	482287.33	3631826.96	1.31570
482337.33	3631826.96	1.12709	482387.33	3631826.96	0.95992
481687.33	3631876.96	0.59347	481737.33	3631876.96	0.71394
481787.33	3631876.96	0.85374	481837.33	3631876.96	1.03075
481887.33	3631876.96	1.22800	481937.33	3631876.96	1.43113
481987.33	3631876.96	1.56080	482037.33	3631876.96	1.61515
482087.33	3631876.96	1.57459	482137.33	3631876.96	1.46946
482187.33	3631876.96	1.32761	482237.33	3631876.96	1.21357
482287.33	3631876.96	1.06570	482337.33	3631876.96	0.93441
482387.33	3631876.96	0.83438	481737.33	3631926.96	0.57842
481787.33	3631926.96	0.67649	481837.33	3631926.96	0.78507
481887.33	3631926.96	0.90433	481937.33	3631926.96	1.01552
481987.33	3631926.96	1.10778	482037.33	3631926.96	1.14436
482087.33	3631926.96	1.11388	482137.33	3631926.96	1.08598
482187.33	3631926.96	1.00434	482237.33	3631926.96	0.89048
482287.33	3631926.96	0.83229	482337.33	3631926.96	0.76658

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P1SP ***
INCLUDING SOURCE(S): L0002579 , L0002580 , L0002581 , L0002582 , L0002583 ,
L0002584 , L0002585 , L0002586 , L0002587 , L0002588 , L0002589 , L0002590 , L0002591 ,
L0002592 , L0002593 , L0002594 , L0002595 , L0002596 , L0002597 , L0002598 , L0002599 ,
L0002600 , L0002601 , L0002602 , L0002603 , L0002604 , L0002605 , L0002606 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482387.33	3631926.96	0.70302	481637.33	3631976.96	0.36447
481687.33	3631976.96	0.41823	481737.33	3631976.96	0.47794
481787.33	3631976.96	0.54635	481837.33	3631976.96	0.61923
481887.33	3631976.96	0.69339	481937.33	3631976.96	0.77015
481987.33	3631976.96	0.82339	482037.33	3631976.96	0.85263
482087.33	3631976.96	0.85237	482137.33	3631976.96	0.76969
482187.33	3631976.96	0.73469	482237.33	3631976.96	0.69257
482287.33	3631976.96	0.65645	482337.33	3631976.96	0.62020
482387.33	3631976.96	0.58138	481637.33	3632026.96	0.31897
481687.33	3632026.96	0.35658	481787.33	3632026.96	0.45479
481837.33	3632026.96	0.50132	481887.33	3632026.96	0.55530
481937.33	3632026.96	0.58800	481987.33	3632026.96	0.64180
482037.33	3632026.96	0.62366	482087.33	3632026.96	0.63894
482137.33	3632026.96	0.64916	482187.33	3632026.96	0.58084
482237.33	3632026.96	0.55216	482287.33	3632026.96	0.52408
482337.33	3632026.96	0.50624	482387.33	3632026.96	0.48186
481837.33	3632076.96	0.41418	481887.33	3632076.96	0.45215
481937.33	3632076.96	0.48321	481987.33	3632076.96	0.51334
482037.33	3632076.96	0.49995	482087.33	3632076.96	0.51529
482137.33	3632076.96	0.53230	482187.33	3632076.96	0.46510
482237.33	3632076.96	0.44938	482287.33	3632076.96	0.43046
482337.33	3632076.96	0.39803	482387.33	3632076.96	0.39320

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P2BC ***
INCLUDING SOURCE(S): L0000253 , L0000254 , L0000255 , L0000256 , L0000257 ,
L0000258 , L0000259 , L0000260 , L0000261 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481772.73	3631604.47	2.54014	481784.20	3631601.43	2.73398
481778.35	3631616.54	2.94260	481784.90	3631628.99	3.48971
481789.96	3631638.02	4.00155	481794.39	3631645.94	4.53449
481798.07	3631653.77	5.12095	481803.51	3631663.08	6.04622
481790.43	3631611.85	3.16819	481797.06	3631624.38	3.80593
481803.88	3631636.73	4.65300	481810.88	3631647.60	5.73221
481817.61	3631657.00	7.05766	481807.93	3631668.15	6.82153
481830.70	3631656.81	8.66945	481847.56	3631647.69	9.63785
481860.18	3631669.62	18.69750	481870.78	3631690.45	42.60840
481851.52	3631699.85	27.99272	481860.55	3631717.27	51.45915
481876.22	3631730.63	87.62170	481882.67	3631741.78	95.15953
481858.06	3631754.13	32.08844	481852.07	3631742.98	31.86058
481842.77	3631727.68	25.19278	481833.55	3631709.89	17.61820
481825.17	3631695.98	12.60423	481817.24	3631684.37	9.47515
481923.14	3631705.82	95.48041	481913.17	3631710.88	143.31931
481926.72	3631734.41	108.75554	481938.96	3631728.85	78.31386
481818.85	3631602.33	3.71206	481834.03	3631630.99	6.21401
481807.91	3631582.33	2.76048	481801.20	3631575.73	2.47472
481837.45	3631557.73	2.56133	481863.87	3631594.86	4.67033
481880.29	3631626.99	9.01212	481860.34	3631634.23	8.74782
481842.33	3631602.63	4.49917	481827.68	3631577.21	2.98727
481387.33	3631276.96	0.18112	481437.33	3631276.96	0.20099
481487.33	3631276.96	0.22328	481537.33	3631276.96	0.24832
481587.33	3631276.96	0.27554	481637.33	3631276.96	0.30420
481687.33	3631276.96	0.33415	481737.33	3631276.96	0.36365
481787.33	3631276.96	0.39244	481837.33	3631276.96	0.41931
481887.33	3631276.96	0.44405	481937.33	3631276.96	0.46540
482087.33	3631276.96	0.50189	482137.33	3631276.96	0.50500
482187.33	3631276.96	0.49838	482237.33	3631276.96	0.48497
482287.33	3631276.96	0.46608	482337.33	3631276.96	0.44357
481437.33	3631326.96	0.22076	481487.33	3631326.96	0.24942
481537.33	3631326.96	0.28133	481587.33	3631326.96	0.31701
481637.33	3631326.96	0.35661	481687.33	3631326.96	0.39856
481737.33	3631326.96	0.44117	481787.33	3631326.96	0.48330
481837.33	3631326.96	0.52263	481887.33	3631326.96	0.55899
481937.33	3631326.96	0.59010	482187.33	3631326.96	0.61716
482237.33	3631326.96	0.59177	482287.33	3631326.96	0.56005
482337.33	3631326.96	0.52480	481437.33	3631376.96	0.22090
481487.33	3631376.96	0.26156	481537.33	3631376.96	0.30885
481587.33	3631376.96	0.36698	481637.33	3631376.96	0.42137

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P2BC ***
INCLUDING SOURCE(S): L0000253 , L0000254 , L0000255 , L0000256 , L0000257 ,
L0000258 , L0000259 , L0000260 , L0000261 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481687.33	3631376.96	0.48186	481737.33	3631376.96	0.54579
481787.33	3631376.96	0.61025	481837.33	3631376.96	0.67136
481887.33	3631376.96	0.72699	481937.33	3631376.96	0.77452
482187.33	3631376.96	0.77581	482237.33	3631376.96	0.72955
482287.33	3631376.96	0.67655	482337.33	3631376.96	0.62209
482387.33	3631376.96	0.56708	481437.33	3631426.96	0.26052
481487.33	3631426.96	0.30521	481537.33	3631426.96	0.35488
481587.33	3631426.96	0.42550	481637.33	3631426.96	0.50174
481687.33	3631426.96	0.58936	481737.33	3631426.96	0.69046
481787.33	3631426.96	0.79487	481837.33	3631426.96	0.89613
481887.33	3631426.96	0.98472	481937.33	3631426.96	1.06399
482087.33	3631426.96	1.11566	482187.33	3631426.96	0.98959
482237.33	3631426.96	0.90463	482287.33	3631426.96	0.81764
482337.33	3631426.96	0.73299	482387.33	3631426.96	0.65248
481487.33	3631476.96	0.33673	481537.33	3631476.96	0.40304
481587.33	3631476.96	0.49308	481637.33	3631476.96	0.60000
481687.33	3631476.96	0.72834	481737.33	3631476.96	0.89434
481787.33	3631476.96	1.07180	481837.33	3631476.96	1.25418
481887.33	3631476.96	1.41642	481937.33	3631476.96	1.55644
482087.33	3631476.96	1.54624	482137.33	3631476.96	1.41908
482187.33	3631476.96	1.26893	482237.33	3631476.96	1.11926
482287.33	3631476.96	0.97882	482337.33	3631476.96	0.85082
482387.33	3631476.96	0.73762	481537.33	3631526.96	0.45330
481587.33	3631526.96	0.56679	481637.33	3631526.96	0.71619
481687.33	3631526.96	0.90321	481737.33	3631526.96	1.16430
481787.33	3631526.96	1.52396	481837.33	3631526.96	1.88445
482087.33	3631526.96	2.20163	482137.33	3631526.96	1.91772
482187.33	3631526.96	1.62382	482237.33	3631526.96	1.36539
482287.33	3631526.96	1.14750	482337.33	3631526.96	0.96361
482387.33	3631526.96	0.81393	481537.33	3631576.96	0.50204
481587.33	3631576.96	0.64410	481637.33	3631576.96	0.84440
481687.33	3631576.96	1.13679	481737.33	3631576.96	1.58896
482087.33	3631576.96	3.20934	482137.33	3631576.96	2.52827
482187.33	3631576.96	2.01789	482237.33	3631576.96	1.60980
482287.33	3631576.96	1.29571	482337.33	3631576.96	1.05553
482387.33	3631576.96	0.92276	481637.33	3631626.96	0.97056
481687.33	3631626.96	1.38947	481737.33	3631626.96	2.06019
482137.33	3631626.96	3.23293	482187.33	3631626.96	2.37885
482237.33	3631626.96	1.80267	482287.33	3631626.96	1.39663
482337.33	3631626.96	1.11306	482387.33	3631626.96	0.94131

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P2BC ***
INCLUDING SOURCE(S): L0000253 , L0000254 , L0000255 , L0000256 , L0000257 ,
L0000258 , L0000259 , L0000260 , L0000261 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481587.33	3631676.96	0.76518	481637.33	3631676.96	1.05879
481687.33	3631676.96	1.59483	481737.33	3631676.96	2.58675
481787.33	3631676.96	4.96111	482137.33	3631676.96	3.74556
482187.33	3631676.96	2.60717	482237.33	3631676.96	1.91313
482287.33	3631676.96	1.46076	482337.33	3631676.96	1.16588
482387.33	3631676.96	0.93946	481587.33	3631726.96	0.78036
481637.33	3631726.96	1.10215	481687.33	3631726.96	1.67459
481737.33	3631726.96	2.84124	481787.33	3631726.96	5.74561
482037.33	3631726.96	11.21815	482087.33	3631726.96	6.28132
482137.33	3631726.96	3.96350	482187.33	3631726.96	2.72246
482237.33	3631726.96	1.97356	482287.33	3631726.96	1.49580
482337.33	3631726.96	1.18427	482387.33	3631726.96	0.93957
481737.33	3631776.96	2.60910	481787.33	3631776.96	4.97705
481837.33	3631776.96	11.48932	481937.33	3631776.96	32.56196
481987.33	3631776.96	17.65743	482037.33	3631776.96	9.75289
482087.33	3631776.96	5.91121	482137.33	3631776.96	3.89057
482187.33	3631776.96	2.71327	482237.33	3631776.96	1.98844
482287.33	3631776.96	1.52170	482337.33	3631776.96	1.19428
482387.33	3631776.96	0.95378	481687.33	3631826.96	1.40122
481737.33	3631826.96	2.10171	481787.33	3631826.96	3.37562
481837.33	3631826.96	5.51703	481887.33	3631826.96	8.86162
481937.33	3631826.96	10.49318	481987.33	3631826.96	9.15808
482037.33	3631826.96	6.73305	482087.33	3631826.96	4.80512
482137.33	3631826.96	3.45292	482187.33	3631826.96	2.54091
482237.33	3631826.96	1.92791	482287.33	3631826.96	1.51174
482337.33	3631826.96	1.19852	482387.33	3631826.96	0.96015
481687.33	3631876.96	1.15900	481737.33	3631876.96	1.60885
481787.33	3631876.96	2.21774	481837.33	3631876.96	3.11912
481887.33	3631876.96	4.16371	481937.33	3631876.96	4.84533
481987.33	3631876.96	4.74220	482037.33	3631876.96	4.19840
482087.33	3631876.96	3.46526	482137.33	3631876.96	2.76846
482187.33	3631876.96	2.19239	482237.33	3631876.96	1.74446
482287.33	3631876.96	1.42498	482337.33	3631876.96	1.14638
482387.33	3631876.96	0.94578	481737.33	3631926.96	1.20095
481787.33	3631926.96	1.55109	481837.33	3631926.96	1.97303
481887.33	3631926.96	2.43245	481937.33	3631926.96	2.74952
481987.33	3631926.96	2.80806	482037.33	3631926.96	2.66014
482087.33	3631926.96	2.38735	482137.33	3631926.96	2.08514
482187.33	3631926.96	1.77170	482237.33	3631926.96	1.49067
482287.33	3631926.96	1.26104	482337.33	3631926.96	1.06233

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P2BC ***
INCLUDING SOURCE(S): L0000253 , L0000254 , L0000255 , L0000256 , L0000257 ,
L0000258 , L0000259 , L0000260 , L0000261 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482387.33	3631926.96	0.89756	481637.33	3631976.96	0.61244
481687.33	3631976.96	0.75269	481737.33	3631976.96	0.92174
481787.33	3631976.96	1.12952	481837.33	3631976.96	1.36222
481887.33	3631976.96	1.59800	481937.33	3631976.96	1.78037
481987.33	3631976.96	1.82847	482037.33	3631976.96	1.78569
482087.33	3631976.96	1.68372	482137.33	3631976.96	1.49191
482187.33	3631976.96	1.34585	482237.33	3631976.96	1.20080
482287.33	3631976.96	1.06346	482337.33	3631976.96	0.93402
482387.33	3631976.96	0.81513	481637.33	3632026.96	0.51897
481687.33	3632026.96	0.61227	481787.33	3632026.96	0.86530
481837.33	3632026.96	0.99739	481887.33	3632026.96	1.14018
481937.33	3632026.96	1.23657	481987.33	3632026.96	1.28896
482037.33	3632026.96	1.26127	482087.33	3632026.96	1.22416
482137.33	3632026.96	1.15821	482187.33	3632026.96	1.02222
482237.33	3632026.96	0.94533	482287.33	3632026.96	0.86581
482337.33	3632026.96	0.79232	482387.33	3632026.96	0.71459
481837.33	3632076.96	0.76159	481887.33	3632076.96	0.85062
481937.33	3632076.96	0.91766	481987.33	3632076.96	0.95455
482037.33	3632076.96	0.94498	482087.33	3632076.96	0.92870
482137.33	3632076.96	0.89498	482187.33	3632076.96	0.77666
482237.33	3632076.96	0.74159	482287.33	3632076.96	0.69847
482337.33	3632076.96	0.63785	482387.33	3632076.96	0.60300

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P2D ***
INCLUDING SOURCE(S): L0003129 , L0003130 , L0003131 , L0003132 , L0003133 ,
L0003134 , L0003135 , L0003136 , L0003137 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481772.73	3631604.47	2.12677	481784.20	3631601.43	2.28917
481778.35	3631616.54	2.43742	481784.90	3631628.99	2.85390
481789.96	3631638.02	3.23669	481794.39	3631645.94	3.63215
481798.07	3631653.77	4.05573	481803.51	3631663.08	4.71935
481790.43	3631611.85	2.62767	481797.06	3631624.38	3.11755
481803.88	3631636.73	3.75903	481810.88	3631647.60	4.56655
481817.61	3631657.00	5.54610	481807.93	3631668.15	5.26717
481830.70	3631656.81	6.84638	481847.56	3631647.69	7.82778
481860.18	3631669.62	15.44292	481870.78	3631690.45	29.95255
481851.52	3631699.85	19.26201	481860.55	3631717.27	28.35298
481876.22	3631730.63	43.33124	481882.67	3631741.78	48.92300
481858.06	3631754.13	19.27907	481852.07	3631742.98	18.15566
481842.77	3631727.68	15.07954	481833.55	3631709.89	11.75530
481825.17	3631695.98	9.00098	481817.24	3631684.37	7.04771
481923.14	3631705.82	77.43373	481913.17	3631710.88	83.13682
481926.72	3631734.41	89.58590	481938.96	3631728.85	89.74841
481818.85	3631602.33	3.09987	481834.03	3631630.99	5.07275
481807.91	3631582.33	2.34059	481801.20	3631575.73	2.10819
481837.45	3631557.73	2.21338	481863.87	3631594.86	3.95788
481880.29	3631626.99	7.55445	481860.34	3631634.23	7.24012
481842.33	3631602.63	3.77105	481827.68	3631577.21	2.54528
481387.33	3631276.96	0.17152	481437.33	3631276.96	0.18991
481487.33	3631276.96	0.21053	481537.33	3631276.96	0.23372
481587.33	3631276.96	0.25898	481637.33	3631276.96	0.28569
481687.33	3631276.96	0.31376	481737.33	3631276.96	0.34166
481787.33	3631276.96	0.36918	481837.33	3631276.96	0.39513
481887.33	3631276.96	0.41923	481937.33	3631276.96	0.44022
482087.33	3631276.96	0.47917	482137.33	3631276.96	0.48501
482187.33	3631276.96	0.48184	482237.33	3631276.96	0.47207
482287.33	3631276.96	0.45664	482337.33	3631276.96	0.43722
481437.33	3631326.96	0.20778	481487.33	3631326.96	0.23406
481537.33	3631326.96	0.26332	481587.33	3631326.96	0.29608
481637.33	3631326.96	0.33247	481687.33	3631326.96	0.37130
481737.33	3631326.96	0.41121	481787.33	3631326.96	0.45105
481837.33	3631326.96	0.48874	481887.33	3631326.96	0.52392
481937.33	3631326.96	0.55443	482187.33	3631326.96	0.59738
482237.33	3631326.96	0.57757	482287.33	3631326.96	0.55085
482337.33	3631326.96	0.51967	481437.33	3631376.96	0.20757
481487.33	3631376.96	0.24470	481537.33	3631376.96	0.28766
481587.33	3631376.96	0.34029	481637.33	3631376.96	0.38969

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P2D ***
INCLUDING SOURCE(S): L0003129 , L0003130 , L0003131 , L0003132 , L0003133 ,
L0003134 , L0003135 , L0003136 , L0003137 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481687.33	3631376.96	0.44475	481737.33	3631376.96	0.50373
481787.33	3631376.96	0.56387	481837.33	3631376.96	0.62178
481887.33	3631376.96	0.67523	481937.33	3631376.96	0.72169
482187.33	3631376.96	0.75314	482237.33	3631376.96	0.71543
482287.33	3631376.96	0.66937	482337.33	3631376.96	0.62020
482387.33	3631376.96	0.56926	481437.33	3631426.96	0.24340
481487.33	3631426.96	0.28370	481537.33	3631426.96	0.32831
481587.33	3631426.96	0.39144	481637.33	3631426.96	0.45959
481687.33	3631426.96	0.53791	481737.33	3631426.96	0.62939
481787.33	3631426.96	0.72505	481837.33	3631426.96	0.81960
481887.33	3631426.96	0.90366	481937.33	3631426.96	0.98123
482087.33	3631426.96	1.05993	482187.33	3631426.96	0.96640
482237.33	3631426.96	0.89427	482287.33	3631426.96	0.81645
482337.33	3631426.96	0.73836	482387.33	3631426.96	0.66201
481487.33	3631476.96	0.31152	481537.33	3631476.96	0.37041
481587.33	3631476.96	0.44981	481637.33	3631476.96	0.54369
481687.33	3631476.96	0.65644	481737.33	3631476.96	0.80232
481787.33	3631476.96	0.96074	481837.33	3631476.96	1.12739
481887.33	3631476.96	1.28036	481937.33	3631476.96	1.41684
482087.33	3631476.96	1.47283	482137.33	3631476.96	1.37736
482187.33	3631476.96	1.25268	482237.33	3631476.96	1.12123
482287.33	3631476.96	0.99136	482337.33	3631476.96	0.86955
482387.33	3631476.96	0.75902	481537.33	3631526.96	0.41401
481587.33	3631526.96	0.51274	481637.33	3631526.96	0.64149
481687.33	3631526.96	0.80216	481737.33	3631526.96	1.02612
481787.33	3631526.96	1.33635	481837.33	3631526.96	1.65596
482087.33	3631526.96	2.11568	482137.33	3631526.96	1.89182
482187.33	3631526.96	1.63560	482237.33	3631526.96	1.39591
482287.33	3631526.96	1.18640	482337.33	3631526.96	1.00355
482387.33	3631526.96	0.85146	481537.33	3631576.96	0.45615
481587.33	3631576.96	0.57821	481637.33	3631576.96	0.74779
481687.33	3631576.96	0.99138	481737.33	3631576.96	1.36481
482087.33	3631576.96	3.16417	482137.33	3631576.96	2.57252
482187.33	3631576.96	2.09809	482237.33	3631576.96	1.69475
482287.33	3631576.96	1.37370	482337.33	3631576.96	1.12268
482387.33	3631576.96	0.98869	481637.33	3631626.96	0.85081
481687.33	3631626.96	1.19130	481737.33	3631626.96	1.72771
482137.33	3631626.96	3.47563	482187.33	3631626.96	2.58511
482237.33	3631626.96	1.96515	482287.33	3631626.96	1.52160
482337.33	3631626.96	1.20756	482387.33	3631626.96	1.01869

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P2D ***
INCLUDING SOURCE(S): L0003129 , L0003130 , L0003131 , L0003132 , L0003133 ,
L0003134 , L0003135 , L0003136 , L0003137 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481587.33	3631676.96	0.68114	481637.33	3631676.96	0.92463
481687.33	3631676.96	1.35248	481737.33	3631676.96	2.11709
481787.33	3631676.96	3.86080	482137.33	3631676.96	4.30996
482187.33	3631676.96	2.96798	482237.33	3631676.96	2.14876
482287.33	3631676.96	1.62102	482337.33	3631676.96	1.27785
482387.33	3631676.96	1.02834	481587.33	3631726.96	0.69744
481637.33	3631726.96	0.96421	481687.33	3631726.96	1.42401
481737.33	3631726.96	2.31074	481787.33	3631726.96	4.34308
482037.33	3631726.96	16.12498	482087.33	3631726.96	8.08496
482137.33	3631726.96	4.80893	482187.33	3631726.96	3.18298
482237.33	3631726.96	2.25002	482287.33	3631726.96	1.67345
482337.33	3631726.96	1.30645	482387.33	3631726.96	1.02850
481737.33	3631776.96	2.17918	481787.33	3631776.96	3.95214
481837.33	3631776.96	8.62676	481937.33	3631776.96	60.17071
481987.33	3631776.96	32.13622	482037.33	3631776.96	14.72520
482087.33	3631776.96	7.85389	482137.33	3631776.96	4.80895
482187.33	3631776.96	3.20590	482237.33	3631776.96	2.28109
482287.33	3631776.96	1.70867	482337.33	3631776.96	1.32066
482387.33	3631776.96	1.04211	481687.33	3631826.96	1.24286
481737.33	3631826.96	1.83902	481787.33	3631826.96	2.93666
481837.33	3631826.96	4.94066	481887.33	3631826.96	8.92105
481937.33	3631826.96	12.99730	481987.33	3631826.96	12.55971
482037.33	3631826.96	9.10249	482087.33	3631826.96	6.18154
482137.33	3631826.96	4.23610	482187.33	3631826.96	3.00404
482237.33	3631826.96	2.21733	482287.33	3631826.96	1.69401
482337.33	3631826.96	1.32668	482387.33	3631826.96	1.04901
481687.33	3631876.96	1.05869	481737.33	3631876.96	1.46910
481787.33	3631876.96	2.05357	481837.33	3631876.96	2.97702
481887.33	3631876.96	4.21172	481937.33	3631876.96	5.39395
481987.33	3631876.96	5.66315	482037.33	3631876.96	5.13618
482087.33	3631876.96	4.21467	482137.33	3631876.96	3.30463
482187.33	3631876.96	2.56152	482237.33	3631876.96	1.99780
482287.33	3631876.96	1.59441	482337.33	3631876.96	1.26849
482387.33	3631876.96	1.03449	481737.33	3631926.96	1.13345
481787.33	3631926.96	1.48483	481837.33	3631926.96	1.92913
481887.33	3631926.96	2.46147	481937.33	3631926.96	2.93737
481987.33	3631926.96	3.15036	482037.33	3631926.96	3.05862
482087.33	3631926.96	2.76204	482137.33	3631926.96	2.40667
482187.33	3631926.96	2.02739	482237.33	3631926.96	1.68230
482287.33	3631926.96	1.40753	482337.33	3631926.96	1.17292

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P2D ***
INCLUDING SOURCE(S): L0003129 , L0003130 , L0003131 , L0003132 , L0003133 ,
L0003134 , L0003135 , L0003136 , L0003137 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482387.33	3631926.96	0.98126	481637.33	3631976.96	0.58247
481687.33	3631976.96	0.71895	481737.33	3631976.96	0.88755
481787.33	3631976.96	1.10042	481837.33	3631976.96	1.34677
481887.33	3631976.96	1.61577	481937.33	3631976.96	1.86548
481987.33	3631976.96	1.98303	482037.33	3631976.96	1.97853
482087.33	3631976.96	1.88291	482137.33	3631976.96	1.67886
482187.33	3631976.96	1.50614	482237.33	3631976.96	1.33312
482287.33	3631976.96	1.17398	482337.33	3631976.96	1.02435
482387.33	3631976.96	0.88779	481637.33	3632026.96	0.49940
481687.33	3632026.96	0.59263	481787.33	3632026.96	0.85070
481837.33	3632026.96	0.99178	481887.33	3632026.96	1.15274
481937.33	3632026.96	1.28000	481987.33	3632026.96	1.37021
482037.33	3632026.96	1.36478	482087.33	3632026.96	1.33278
482137.33	3632026.96	1.27050	482187.33	3632026.96	1.12160
482237.33	3632026.96	1.03290	482287.33	3632026.96	0.94354
482337.33	3632026.96	0.86096	482387.33	3632026.96	0.77330
481837.33	3632076.96	0.75974	481887.33	3632076.96	0.85903
481937.33	3632076.96	0.94337	481987.33	3632076.96	1.00137
482037.33	3632076.96	1.00446	482087.33	3632076.96	0.99679
482137.33	3632076.96	0.96675	482187.33	3632076.96	0.83796
482237.33	3632076.96	0.79973	482287.33	3632076.96	0.75240
482337.33	3632076.96	0.68509	482387.33	3632076.96	0.64704

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P2P ***
INCLUDING SOURCE(S): L0001301 , L0001302 , L0001303 , L0001304 , L0001305 ,
L0001306 , L0001307 , L0001308 , L0001309 , L0001310 , L0001311 , L0001312 , L0001313 ,
L0001314 , L0001315 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481772.73	3631604.47	1.58620	481784.20	3631601.43	1.67970
481778.35	3631616.54	1.77829	481784.90	3631628.99	2.02708
481789.96	3631638.02	2.24933	481794.39	3631645.94	2.47074
481798.07	3631653.77	2.70690	481803.51	3631663.08	3.06085
481790.43	3631611.85	1.88080	481797.06	3631624.38	2.16010
481803.88	3631636.73	2.50716	481810.88	3631647.60	2.91710
481817.61	3631657.00	3.38129	481807.93	3631668.15	3.34036
481830.70	3631656.81	3.87863	481847.56	3631647.69	4.17318
481860.18	3631669.62	6.31761	481870.78	3631690.45	10.10557
481851.52	3631699.85	8.36724	481860.55	3631717.27	12.63599
481876.22	3631730.63	23.86371	481882.67	3631741.78	36.77840
481858.06	3631754.13	15.71705	481852.07	3631742.98	12.83185
481842.77	3631727.68	9.29851	481833.55	3631709.89	6.72836
481825.17	3631695.98	5.22401	481817.24	3631684.37	4.24733
481923.14	3631705.82	33.82406	481913.17	3631710.88	34.82607
481926.72	3631734.41	85.33958	481938.96	3631728.85	96.97023
481818.85	3631602.33	2.13389	481834.03	3631630.99	3.09405
481807.91	3631582.33	1.70480	481801.20	3631575.73	1.56478
481837.45	3631557.73	1.64174	481863.87	3631594.86	2.62045
481880.29	3631626.99	4.20336	481860.34	3631634.23	3.98004
481842.33	3631602.63	2.49209	481827.68	3631577.21	1.83010
481387.33	3631276.96	0.16073	481437.33	3631276.96	0.17710
481487.33	3631276.96	0.19534	481537.33	3631276.96	0.21574
481587.33	3631276.96	0.23783	481637.33	3631276.96	0.26109
481687.33	3631276.96	0.28554	481737.33	3631276.96	0.30988
481787.33	3631276.96	0.33407	481837.33	3631276.96	0.35710
481887.33	3631276.96	0.37867	481937.33	3631276.96	0.39764
482087.33	3631276.96	0.43639	482137.33	3631276.96	0.44494
482187.33	3631276.96	0.44582	482237.33	3631276.96	0.44075
482287.33	3631276.96	0.43015	482337.33	3631276.96	0.41536
481437.33	3631326.96	0.19314	481487.33	3631326.96	0.21624
481537.33	3631326.96	0.24169	481587.33	3631326.96	0.26994
481637.33	3631326.96	0.30129	481687.33	3631326.96	0.33442
481737.33	3631326.96	0.36836	481787.33	3631326.96	0.40264
481837.33	3631326.96	0.43541	481887.33	3631326.96	0.46639
481937.33	3631326.96	0.49357	482187.33	3631326.96	0.55106
482237.33	3631326.96	0.53895	482287.33	3631326.96	0.51963
482337.33	3631326.96	0.49506	481437.33	3631376.96	0.19294
481487.33	3631376.96	0.22562	481537.33	3631376.96	0.26286
481587.33	3631376.96	0.30788	481637.33	3631376.96	0.34941

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P2P ***
INCLUDING SOURCE(S): L0001301 , L0001302 , L0001303 , L0001304 , L0001305 ,
L0001306 , L0001307 , L0001308 , L0001309 , L0001310 , L0001311 , L0001312 , L0001313 ,
L0001314 , L0001315 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481687.33	3631376.96	0.39556	481737.33	3631376.96	0.44437
481787.33	3631376.96	0.49464	481837.33	3631376.96	0.54366
481887.33	3631376.96	0.58966	481937.33	3631376.96	0.63046
482187.33	3631376.96	0.69381	482237.33	3631376.96	0.66883
482287.33	3631376.96	0.63392	482337.33	3631376.96	0.59423
482387.33	3631376.96	0.55128	481437.33	3631426.96	0.22520
481487.33	3631426.96	0.26019	481537.33	3631426.96	0.29825
481587.33	3631426.96	0.35142	481637.33	3631426.96	0.40760
481687.33	3631426.96	0.47204	481737.33	3631426.96	0.54477
481787.33	3631426.96	0.62171	481837.33	3631426.96	0.69881
481887.33	3631426.96	0.77037	481937.33	3631426.96	0.83562
482087.33	3631426.96	0.93917	482187.33	3631426.96	0.89219
482237.33	3631426.96	0.84093	482287.33	3631426.96	0.77957
482337.33	3631426.96	0.71478	482387.33	3631426.96	0.64829
481487.33	3631476.96	0.28497	481537.33	3631476.96	0.33492
481587.33	3631476.96	0.40094	481637.33	3631476.96	0.47685
481687.33	3631476.96	0.56723	481737.33	3631476.96	0.67887
481787.33	3631476.96	0.80095	481837.33	3631476.96	0.92981
481887.33	3631476.96	1.05240	481937.33	3631476.96	1.16415
482087.33	3631476.96	1.29652	482137.33	3631476.96	1.24899
482187.33	3631476.96	1.16632	482237.33	3631476.96	1.06757
482287.33	3631476.96	0.96042	482337.33	3631476.96	0.85482
482387.33	3631476.96	0.75481	481537.33	3631526.96	0.37321
481587.33	3631526.96	0.45452	481637.33	3631526.96	0.55704
481687.33	3631526.96	0.68239	481737.33	3631526.96	0.84830
481787.33	3631526.96	1.06583	481837.33	3631526.96	1.29619
482087.33	3631526.96	1.86548	482137.33	3631526.96	1.73970
482187.33	3631526.96	1.55375	482237.33	3631526.96	1.35738
482287.33	3631526.96	1.17518	482337.33	3631526.96	1.00694
482387.33	3631526.96	0.86208	481537.33	3631576.96	0.41101
481587.33	3631576.96	0.51134	481637.33	3631576.96	0.64514
481687.33	3631576.96	0.83021	481737.33	3631576.96	1.09322
482087.33	3631576.96	2.85894	482137.33	3631576.96	2.44332
482187.33	3631576.96	2.05966	482237.33	3631576.96	1.69979
482287.33	3631576.96	1.39720	482337.33	3631576.96	1.15198
482387.33	3631576.96	1.02948	481637.33	3631626.96	0.73532
481687.33	3631626.96	0.99049	481737.33	3631626.96	1.36192
482137.33	3631626.96	3.48749	482187.33	3631626.96	2.65263
482237.33	3631626.96	2.04133	482287.33	3631626.96	1.59132
482337.33	3631626.96	1.26463	482387.33	3631626.96	1.07182

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P2P ***
INCLUDING SOURCE(S): L0001301 , L0001302 , L0001303 , L0001304 , L0001305 ,
L0001306 , L0001307 , L0001308 , L0001309 , L0001310 , L0001311 , L0001312 , L0001313 ,
L0001314 , L0001315 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481587.33	3631676.96	0.61018	481637.33	3631676.96	0.80931
481687.33	3631676.96	1.13810	481737.33	3631676.96	1.68111
481787.33	3631676.96	2.72542	482137.33	3631676.96	4.59662
482187.33	3631676.96	3.17882	482237.33	3631676.96	2.29573
482287.33	3631676.96	1.72501	482337.33	3631676.96	1.34945
482387.33	3631676.96	1.09349	481587.33	3631726.96	0.63487
481637.33	3631726.96	0.86087	481687.33	3631726.96	1.23326
481737.33	3631726.96	1.92411	481787.33	3631726.96	3.35081
482037.33	3631726.96	18.96354	482087.33	3631726.96	9.23258
482137.33	3631726.96	5.36740	482187.33	3631726.96	3.49257
482237.33	3631726.96	2.43760	482287.33	3631726.96	1.79328
482337.33	3631726.96	1.39138	482387.33	3631726.96	1.09183
481737.33	3631776.96	1.95077	481787.33	3631776.96	3.52171
481837.33	3631776.96	8.04910	481937.33	3631776.96	97.63488
481987.33	3631776.96	46.93857	482037.33	3631776.96	18.92033
482087.33	3631776.96	9.41573	482137.33	3631776.96	5.51754
482187.33	3631776.96	3.57439	482237.33	3631776.96	2.49508
482287.33	3631776.96	1.83755	482337.33	3631776.96	1.40968
482387.33	3631776.96	1.10329	481687.33	3631826.96	1.17316
481737.33	3631826.96	1.75626	481787.33	3631826.96	2.89447
481837.33	3631826.96	5.22592	481887.33	3631826.96	10.68414
481937.33	3631826.96	17.46104	481987.33	3631826.96	17.05286
482037.33	3631826.96	11.72670	482087.33	3631826.96	7.55182
482137.33	3631826.96	4.95795	482187.33	3631826.96	3.40638
482237.33	3631826.96	2.45244	482287.33	3631826.96	1.84078
482337.33	3631826.96	1.42370	482387.33	3631826.96	1.11320
481687.33	3631876.96	1.03269	481737.33	3631876.96	1.46247
481787.33	3631876.96	2.11386	481837.33	3631876.96	3.21506
481887.33	3631876.96	4.82621	481937.33	3631876.96	6.58172
481987.33	3631876.96	7.09435	482037.33	3631876.96	6.38238
482087.33	3631876.96	5.10487	482137.33	3631876.96	3.88911
482187.33	3631876.96	2.93626	482237.33	3631876.96	2.23972
482287.33	3631876.96	1.75260	482337.33	3631876.96	1.37278
482387.33	3631876.96	1.10645	481737.33	3631926.96	1.15505
481787.33	3631926.96	1.55250	481837.33	3631926.96	2.07730
481887.33	3631926.96	2.74444	481937.33	3631926.96	3.40350
481987.33	3631926.96	3.74049	482037.33	3631926.96	3.64801
482087.33	3631926.96	3.26765	482137.33	3631926.96	2.80571
482187.33	3631926.96	2.32335	482237.33	3631926.96	1.89788
482287.33	3631926.96	1.56169	482337.33	3631926.96	1.28238

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P2P ***
INCLUDING SOURCE(S): L0001301 , L0001302 , L0001303 , L0001304 , L0001305 ,
L0001306 , L0001307 , L0001308 , L0001309 , L0001310 , L0001311 , L0001312 , L0001313 ,
L0001314 , L0001315 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482387.33	3631926.96	1.05937	481637.33	3631976.96	0.58332
481687.33	3631976.96	0.72883	481737.33	3631976.96	0.91402
481787.33	3631976.96	1.15456	481837.33	3631976.96	1.44086
481887.33	3631976.96	1.76823	481937.33	3631976.96	2.09668
481987.33	3631976.96	2.27204	482037.33	3631976.96	2.28485
482087.33	3631976.96	2.17286	482137.33	3631976.96	1.94449
482187.33	3631976.96	1.72061	482237.33	3631976.96	1.50197
482287.33	3631976.96	1.30662	482337.33	3631976.96	1.12640
482387.33	3631976.96	0.96524	481637.33	3632026.96	0.50386
481687.33	3632026.96	0.60530	481787.33	3632026.96	0.89065
481837.33	3632026.96	1.05418	481887.33	3632026.96	1.24583
481937.33	3632026.96	1.40841	481987.33	3632026.96	1.53258
482037.33	3632026.96	1.55029	482087.33	3632026.96	1.51126
482137.33	3632026.96	1.43296	482187.33	3632026.96	1.26538
482237.33	3632026.96	1.15572	482287.33	3632026.96	1.04770
482337.33	3632026.96	0.94756	482387.33	3632026.96	0.84353
481837.33	3632076.96	0.80279	481887.33	3632076.96	0.91894
481937.33	3632076.96	1.02337	481987.33	3632076.96	1.10058
482037.33	3632076.96	1.12350	482087.33	3632076.96	1.10993
482137.33	3632076.96	1.07464	482187.33	3632076.96	0.93178
482237.33	3632076.96	0.88658	482287.33	3632076.96	0.83046
482337.33	3632076.96	0.75223	482387.33	3632076.96	0.70577

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P3 ***
INCLUDING SOURCE(S): L0001316 , L0001317 , L0001318 , L0001319 , L0001320 ,
L0001321 , L0001322 , L0001323 , L0001324 , L0001325 , L0001326 , L0001327 , L0001328 ,
L0001329 , L0001330 , L0001331 , L0001332 , L0001333 , L0001334 , L0001335 , L0001336 ,
L0001337 , L0001338 , L0001339 , L0001340 , L0001341 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481772.73	3631604.47	53.20783	481784.20	3631601.43	83.63657
481778.35	3631616.54	71.06119	481784.90	3631628.99	70.73714
481789.96	3631638.02	73.35453	481794.39	3631645.94	80.53016
481798.07	3631653.77	59.13620	481803.51	3631663.08	61.74698
481790.43	3631611.85	85.24106	481797.06	3631624.38	96.63806
481803.88	3631636.73	79.29845	481810.88	3631647.60	70.11166
481817.61	3631657.00	62.76191	481807.93	3631668.15	59.31965
481830.70	3631656.81	87.06508	481847.56	3631647.69	58.01281
481860.18	3631669.62	32.39430	481870.78	3631690.45	19.53716
481851.52	3631699.85	19.92100	481860.55	3631717.27	13.23500
481876.22	3631730.63	9.76333	481882.67	3631741.78	8.04396
481858.06	3631754.13	7.11970	481852.07	3631742.98	8.55541
481842.77	3631727.68	11.39621	481833.55	3631709.89	17.01666
481825.17	3631695.98	24.92516	481817.24	3631684.37	36.73032
481923.14	3631705.82	9.24159	481913.17	3631710.88	9.65642
481926.72	3631734.41	6.87433	481938.96	3631728.85	6.64491
481818.85	3631602.33	83.22617	481834.03	3631630.99	85.17164
481807.91	3631582.33	70.76138	481801.20	3631575.73	57.15197
481837.45	3631557.73	22.82995	481863.87	3631594.86	28.35042
481880.29	3631626.99	26.39444	481860.34	3631634.23	41.68923
481842.33	3631602.63	47.89111	481827.68	3631577.21	40.82888
481387.33	3631276.96	0.28325	481437.33	3631276.96	0.32521
481487.33	3631276.96	0.37425	481537.33	3631276.96	0.43127
481587.33	3631276.96	0.49445	481637.33	3631276.96	0.56092
481687.33	3631276.96	0.62793	481737.33	3631276.96	0.68995
481787.33	3631276.96	0.74626	481837.33	3631276.96	0.79422
481887.33	3631276.96	0.83041	481937.33	3631276.96	0.84748
482087.33	3631276.96	0.77563	482137.33	3631276.96	0.72934
482187.33	3631276.96	0.67474	482237.33	3631276.96	0.61839
482287.33	3631276.96	0.56299	482337.33	3631276.96	0.51052
481437.33	3631326.96	0.36791	481487.33	3631326.96	0.43556
481537.33	3631326.96	0.51543	481587.33	3631326.96	0.60884
481637.33	3631326.96	0.71254	481687.33	3631326.96	0.82228
481737.33	3631326.96	0.92886	481787.33	3631326.96	1.02275
481837.33	3631326.96	1.09877	481887.33	3631326.96	1.14840
481937.33	3631326.96	1.15918	482187.33	3631326.96	0.81143
482237.33	3631326.96	0.72531	482287.33	3631326.96	0.64612
482337.33	3631326.96	0.57453	481437.33	3631376.96	0.36947
481487.33	3631376.96	0.46539	481537.33	3631376.96	0.59016
481587.33	3631376.96	0.76160	481637.33	3631376.96	0.93437

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P3 ***
INCLUDING SOURCE(S): L0001316 , L0001317 , L0001318 , L0001319 , L0001320 ,
L0001321 , L0001322 , L0001323 , L0001324 , L0001325 , L0001326 , L0001327 , L0001328 ,
L0001329 , L0001330 , L0001331 , L0001332 , L0001333 , L0001334 , L0001335 , L0001336 ,
L0001337 , L0001338 , L0001339 , L0001340 , L0001341 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481687.33	3631376.96	1.12513	481737.33	3631376.96	1.32283
481787.33	3631376.96	1.49514	481837.33	3631376.96	1.62443
481887.33	3631376.96	1.68344	481937.33	3631376.96	1.65896
482187.33	3631376.96	0.96567	482237.33	3631376.96	0.83896
482287.33	3631376.96	0.72940	482337.33	3631376.96	0.63499
482387.33	3631376.96	0.55408	481437.33	3631426.96	0.45357
481487.33	3631426.96	0.57163	481537.33	3631426.96	0.71982
481587.33	3631426.96	0.95949	481637.33	3631426.96	1.25572
481687.33	3631426.96	1.61557	481737.33	3631426.96	2.04296
481787.33	3631426.96	2.40875	481837.33	3631426.96	2.63892
481887.33	3631426.96	2.66009	481937.33	3631426.96	2.49734
482087.33	3631426.96	1.60125	482187.33	3631426.96	1.12575
482237.33	3631426.96	0.94854	482287.33	3631426.96	0.80451
482337.33	3631426.96	0.68522	482387.33	3631426.96	0.58865
481487.33	3631476.96	0.64629	481537.33	3631476.96	0.85771
481587.33	3631476.96	1.20367	481637.33	3631476.96	1.71753
481687.33	3631476.96	2.46406	481737.33	3631476.96	3.56552
481787.33	3631476.96	4.52932	481837.33	3631476.96	4.94942
481887.33	3631476.96	4.64508	481937.33	3631476.96	3.92199
482087.33	3631476.96	1.96988	482137.33	3631476.96	1.57188
482187.33	3631476.96	1.26968	482237.33	3631476.96	1.04124
482287.33	3631476.96	0.86300	482337.33	3631476.96	0.72264
482387.33	3631476.96	0.61139	481537.33	3631526.96	0.99065
481587.33	3631526.96	1.46122	481637.33	3631526.96	2.31010
481687.33	3631526.96	3.88546	481737.33	3631526.96	7.36291
481787.33	3631526.96	12.34666	481837.33	3631526.96	11.83109
482087.33	3631526.96	2.30445	482137.33	3631526.96	1.76693
482187.33	3631526.96	1.38405	482237.33	3631526.96	1.10736
482287.33	3631526.96	0.89930	482337.33	3631526.96	0.74526
482387.33	3631526.96	0.62673	481537.33	3631576.96	1.08796
481587.33	3631576.96	1.66788	481637.33	3631576.96	2.84481
481687.33	3631576.96	5.85493	481737.33	3631576.96	19.95610
482087.33	3631576.96	2.56515	482137.33	3631576.96	1.89078
482187.33	3631576.96	1.45568	482237.33	3631576.96	1.14631
482287.33	3631576.96	0.92443	482337.33	3631576.96	0.75971
482387.33	3631576.96	0.64400	481637.33	3631626.96	2.96734
481687.33	3631626.96	6.32208	481737.33	3631626.96	19.00896
482137.33	3631626.96	1.96201	482187.33	3631626.96	1.49212
482237.33	3631626.96	1.16835	482287.33	3631626.96	0.93479
482337.33	3631626.96	0.77127	482387.33	3631626.96	0.64861

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P3 ***
INCLUDING SOURCE(S): L0001316 , L0001317 , L0001318 , L0001319 , L0001320 ,
L0001321 , L0001322 , L0001323 , L0001324 , L0001325 , L0001326 , L0001327 , L0001328 ,
L0001329 , L0001330 , L0001331 , L0001332 , L0001333 , L0001334 , L0001335 , L0001336 ,
L0001337 , L0001338 , L0001339 , L0001340 , L0001341 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481587.33	3631676.96	1.61117	481637.33	3631676.96	2.61162
481687.33	3631676.96	4.93532	481737.33	3631676.96	10.93379
481787.33	3631676.96	30.82887	482137.33	3631676.96	1.97143
482187.33	3631676.96	1.49985	482237.33	3631676.96	1.17830
482287.33	3631676.96	0.94916	482337.33	3631676.96	0.78634
482387.33	3631676.96	0.65359	481587.33	3631726.96	1.38790
481637.33	3631726.96	2.09422	481687.33	3631726.96	3.37831
481737.33	3631726.96	5.62082	481787.33	3631726.96	9.00820
482037.33	3631726.96	3.40371	482087.33	3631726.96	2.50950
482137.33	3631726.96	1.89933	482187.33	3631726.96	1.47585
482237.33	3631726.96	1.17225	482287.33	3631726.96	0.95980
482337.33	3631726.96	0.79517	482387.33	3631726.96	0.66163
481737.33	3631776.96	3.17826	481787.33	3631776.96	4.30239
481837.33	3631776.96	5.01690	481937.33	3631776.96	4.30719
481987.33	3631776.96	3.49312	482037.33	3631776.96	2.76096
482087.33	3631776.96	2.17384	482137.33	3631776.96	1.72930
482187.33	3631776.96	1.38747	482237.33	3631776.96	1.12789
482287.33	3631776.96	0.94518	482337.33	3631776.96	0.79066
482387.33	3631776.96	0.66517	481687.33	3631826.96	1.57623
481737.33	3631826.96	2.00970	481787.33	3631826.96	2.48637
481837.33	3631826.96	2.79916	481887.33	3631826.96	2.86796
481937.33	3631826.96	2.69820	481987.33	3631826.96	2.42861
482037.33	3631826.96	2.09606	482087.33	3631826.96	1.77161
482137.33	3631826.96	1.48459	482187.33	3631826.96	1.24126
482237.33	3631826.96	1.05552	482287.33	3631826.96	0.89645
482337.33	3631826.96	0.76451	482387.33	3631826.96	0.65152
481687.33	3631876.96	1.14649	481737.33	3631876.96	1.38569
481787.33	3631876.96	1.61422	481837.33	3631876.96	1.79849
481887.33	3631876.96	1.85293	481937.33	3631876.96	1.80787
481987.33	3631876.96	1.69279	482037.33	3631876.96	1.55158
482087.33	3631876.96	1.38877	482137.33	3631876.96	1.22125
482187.33	3631876.96	1.06550	482237.33	3631876.96	0.92510
482287.33	3631876.96	0.81587	482337.33	3631876.96	0.70847
482387.33	3631876.96	0.61957	481737.33	3631926.96	1.00178
481787.33	3631926.96	1.14605	481837.33	3631926.96	1.25241
481887.33	3631926.96	1.29702	481937.33	3631926.96	1.28247
481987.33	3631926.96	1.23442	482037.33	3631926.96	1.16369
482087.33	3631926.96	1.07487	482137.33	3631926.96	0.98498
482187.33	3631926.96	0.88592	482237.33	3631926.96	0.79294
482287.33	3631926.96	0.71481	482337.33	3631926.96	0.63969

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: P3 ***
INCLUDING SOURCE(S): L0001316 , L0001317 , L0001318 , L0001319 , L0001320 ,
L0001321 , L0001322 , L0001323 , L0001324 , L0001325 , L0001326 , L0001327 , L0001328 ,
L0001329 , L0001330 , L0001331 , L0001332 , L0001333 , L0001334 , L0001335 , L0001336 ,
L0001337 , L0001338 , L0001339 , L0001340 , L0001341 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482387.33	3631926.96	0.57121	481637.33	3631976.96	0.58195
481687.33	3631976.96	0.67028	481737.33	3631976.96	0.76295
481787.33	3631976.96	0.85578	481837.33	3631976.96	0.92544
481887.33	3631976.96	0.95840	481937.33	3631976.96	0.95942
481987.33	3631976.96	0.93095	482037.33	3631976.96	0.89269
482087.33	3631976.96	0.84591	482137.33	3631976.96	0.75899
482187.33	3631976.96	0.71128	482237.33	3631976.96	0.65840
482287.33	3631976.96	0.60911	482337.33	3631976.96	0.56006
482387.33	3631976.96	0.51159	481637.33	3632026.96	0.48054
481687.33	3632026.96	0.53763	481787.33	3632026.96	0.66965
481837.33	3632026.96	0.71298	481887.33	3632026.96	0.74059
481937.33	3632026.96	0.73305	481987.33	3632026.96	0.72907
482037.33	3632026.96	0.66688	482087.33	3632026.96	0.65206
482137.33	3632026.96	0.64248	482187.33	3632026.96	0.57433
482237.33	3632026.96	0.54254	482287.33	3632026.96	0.51034
482337.33	3632026.96	0.48186	482387.33	3632026.96	0.44948
481837.33	3632076.96	0.56661	481887.33	3632076.96	0.58739
481937.33	3632076.96	0.59128	481987.33	3632076.96	0.58506
482037.33	3632076.96	0.53903	482087.33	3632076.96	0.53047
482137.33	3632076.96	0.53035	482187.33	3632076.96	0.46323
482237.33	3632076.96	0.44718	482287.33	3632076.96	0.42769
482337.33	3632076.96	0.39853	482387.33	3632076.96	0.38520

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002991 , L0002992 , L0002993 , L0002994 , L0002995 ,
L0002996 , L0002997 , L0002998 , L0002999 , L0003000 , L0003001 , L0003002 , L0003003 ,
L0003004 , L0003005 , L0003006 , L0003007 , L0003008 , L0003009 , L0003010 , L0003011 ,
L0003012 , L0003013 , L0003014 , L0003015 , L0003016 , L0003017 , L0003018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481772.73	3631604.47	113.62832	481784.20	3631601.43	167.08708
481778.35	3631616.54	131.86809	481784.90	3631628.99	131.80945
481789.96	3631638.02	134.74446	481794.39	3631645.94	142.68017
481798.07	3631653.77	121.09725	481803.51	3631663.08	125.32111
481790.43	3631611.85	168.37185	481797.06	3631624.38	176.93994
481803.88	3631636.73	158.95058	481810.88	3631647.60	152.13397
481817.61	3631657.00	148.59055	481807.93	3631668.15	125.02401
481830.70	3631656.81	200.08520	481847.56	3631647.69	247.51464
481860.18	3631669.62	226.89728	481870.78	3631690.45	218.90895
481851.52	3631699.85	144.65990	481860.55	3631717.27	160.04868
481876.22	3631730.63	213.22379	481882.67	3631741.78	230.09490
481858.06	3631754.13	102.59644	481852.07	3631742.98	103.12124
481842.77	3631727.68	97.39689	481833.55	3631709.89	96.37560
481825.17	3631695.98	98.48595	481817.24	3631684.37	105.79955
481923.14	3631705.82	328.20482	481913.17	3631710.88	367.94091
481926.72	3631734.41	347.21571	481938.96	3631728.85	335.01452
481818.85	3631602.33	272.56518	481834.03	3631630.99	251.97481
481807.91	3631582.33	207.99934	481801.20	3631575.73	193.15391
481837.45	3631557.73	265.05768	481863.87	3631594.86	295.72799
481880.29	3631626.99	291.55218	481860.34	3631634.23	263.52738
481842.33	3631602.63	261.53303	481827.68	3631577.21	275.34413
481387.33	3631276.96	2.21767	481437.33	3631276.96	2.52594
481487.33	3631276.96	2.89198	481537.33	3631276.96	3.32988
481587.33	3631276.96	3.83908	481637.33	3631276.96	4.41636
481687.33	3631276.96	5.05671	481737.33	3631276.96	5.72236
481787.33	3631276.96	6.38895	481837.33	3631276.96	7.01104
481887.33	3631276.96	7.55672	481937.33	3631276.96	7.96046
482087.33	3631276.96	7.95294	482137.33	3631276.96	7.65773
482187.33	3631276.96	7.21436	482237.33	3631276.96	6.70855
482287.33	3631276.96	6.17836	482337.33	3631276.96	5.65515
481437.33	3631326.96	2.78018	481487.33	3631326.96	3.25304
481537.33	3631326.96	3.82343	481587.33	3631326.96	4.51971
481637.33	3631326.96	5.35667	481687.33	3631326.96	6.34497
481737.33	3631326.96	7.45164	481787.33	3631326.96	8.59699
481837.33	3631326.96	9.67880	481887.33	3631326.96	10.60067
481937.33	3631326.96	11.20615	482187.33	3631326.96	9.00652
482237.33	3631326.96	8.14896	482287.33	3631326.96	7.32799
482337.33	3631326.96	6.56561	481437.33	3631376.96	2.74719
481487.33	3631376.96	3.38523	481537.33	3631376.96	4.20614
481587.33	3631376.96	5.34133	481637.33	3631376.96	6.58247

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002991 , L0002992 , L0002993 , L0002994 , L0002995 ,
L0002996 , L0002997 , L0002998 , L0002999 , L0003000 , L0003001 , L0003002 , L0003003 ,
L0003004 , L0003005 , L0003006 , L0003007 , L0003008 , L0003009 , L0003010 , L0003011 ,
L0003012 , L0003013 , L0003014 , L0003015 , L0003016 , L0003017 , L0003018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481687.33	3631376.96	8.14776	481737.33	3631376.96	10.09192
481787.33	3631376.96	12.27251	481837.33	3631376.96	14.43948
481887.33	3631376.96	16.18001	481937.33	3631376.96	17.04228
482187.33	3631376.96	11.22184	482237.33	3631376.96	9.83404
482287.33	3631376.96	8.60432	482337.33	3631376.96	7.52903
482387.33	3631376.96	6.59005	481437.33	3631426.96	3.24786
481487.33	3631426.96	3.96955	481537.33	3631426.96	4.86104
481587.33	3631426.96	6.28121	481637.33	3631426.96	8.11056
481687.33	3631426.96	10.62325	481737.33	3631426.96	14.31912
481787.33	3631426.96	19.06882	481837.33	3631426.96	24.43248
481887.33	3631426.96	28.39661	481937.33	3631426.96	29.21385
482087.33	3631426.96	19.53853	482187.33	3631426.96	13.83330
482237.33	3631426.96	11.69354	482287.33	3631426.96	9.93870
482337.33	3631426.96	8.47584	482387.33	3631426.96	7.27032
481487.33	3631476.96	4.32836	481537.33	3631476.96	5.48567
481587.33	3631476.96	7.28869	481637.33	3631476.96	9.91674
481687.33	3631476.96	13.95456	481737.33	3631476.96	21.30197
481787.33	3631476.96	33.13711	481837.33	3631476.96	52.04219
481887.33	3631476.96	69.08038	481937.33	3631476.96	60.49793
482087.33	3631476.96	26.26464	482137.33	3631476.96	20.75366
482187.33	3631476.96	16.66860	482237.33	3631476.96	13.61890
482287.33	3631476.96	11.23323	482337.33	3631476.96	9.35014
482387.33	3631476.96	7.87187	481537.33	3631526.96	6.03675
481587.33	3631526.96	8.21099	481637.33	3631526.96	11.77001
481687.33	3631526.96	17.90511	481737.33	3631526.96	31.88890
481787.33	3631526.96	70.85836	481837.33	3631526.96	175.89220
482087.33	3631526.96	34.12332	482137.33	3631526.96	25.57787
482187.33	3631526.96	19.65445	482237.33	3631526.96	15.46632
482287.33	3631526.96	12.37929	482337.33	3631526.96	10.09238
482387.33	3631526.96	8.35288	481537.33	3631576.96	6.42101
481587.33	3631576.96	8.88186	481637.33	3631576.96	13.14324
481687.33	3631576.96	21.89232	481737.33	3631576.96	50.89931
482087.33	3631576.96	42.98266	482137.33	3631576.96	30.02739
482187.33	3631576.96	22.34902	482237.33	3631576.96	17.04024
482287.33	3631576.96	13.34214	482337.33	3631576.96	10.67795
482387.33	3631576.96	8.97919	481637.33	3631626.96	13.41327
481687.33	3631626.96	22.50240	481737.33	3631626.96	46.81015
482137.33	3631626.96	34.02305	482187.33	3631626.96	24.32780
482237.33	3631626.96	18.13826	482287.33	3631626.96	13.95152
482337.33	3631626.96	11.08877	482387.33	3631626.96	9.13995

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002991 , L0002992 , L0002993 , L0002994 , L0002995 ,
L0002996 , L0002997 , L0002998 , L0002999 , L0003000 , L0003001 , L0003002 , L0003003 ,
L0003004 , L0003005 , L0003006 , L0003007 , L0003008 , L0003009 , L0003010 , L0003011 ,
L0003012 , L0003013 , L0003014 , L0003015 , L0003016 , L0003017 , L0003018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481587.33	3631676.96	8.78638	481637.33	3631676.96	12.56868
481687.33	3631676.96	19.86050	481737.33	3631676.96	34.77505
481787.33	3631676.96	74.14736	482137.33	3631676.96	35.59868
482187.33	3631676.96	25.09081	482237.33	3631676.96	18.55698
482287.33	3631676.96	14.24476	482337.33	3631676.96	11.36379
482387.33	3631676.96	9.18889	481587.33	3631726.96	8.12221
481637.33	3631726.96	11.28823	481687.33	3631726.96	16.60927
481737.33	3631726.96	25.69260	481787.33	3631726.96	42.40220
482037.33	3631726.96	86.66702	482087.33	3631726.96	51.71920
482137.33	3631726.96	34.41295	482187.33	3631726.96	24.53655
482237.33	3631726.96	18.29646	482287.33	3631726.96	14.21778
482337.33	3631726.96	11.37450	482387.33	3631726.96	9.16492
481737.33	3631776.96	19.47731	481787.33	3631776.96	30.00782
481837.33	3631776.96	51.40427	481937.33	3631776.96	222.41321
481987.33	3631776.96	127.14795	482037.33	3631776.96	69.26652
482087.33	3631776.96	44.01016	482137.33	3631776.96	30.74664
482187.33	3631776.96	22.63457	482237.33	3631776.96	17.32704
482287.33	3631776.96	13.75749	482337.33	3631776.96	11.09661
482387.33	3631776.96	9.06519	481687.33	3631826.96	11.02365
481737.33	3631826.96	14.83224	481787.33	3631826.96	20.77940
481837.33	3631826.96	29.81277	481887.33	3631826.96	45.09461
481937.33	3631826.96	58.92148	481987.33	3631826.96	56.85585
482037.33	3631826.96	44.38783	482087.33	3631826.96	33.36304
482137.33	3631826.96	25.39744	482187.33	3631826.96	19.75273
482237.33	3631826.96	15.74310	482287.33	3631826.96	12.82043
482337.33	3631826.96	10.56304	482387.33	3631826.96	8.74386
481687.33	3631876.96	8.91010	481737.33	3631876.96	11.38639
481787.33	3631876.96	14.52447	481837.33	3631876.96	18.91244
481887.33	3631876.96	24.05383	481937.33	3631876.96	28.48893
481987.33	3631876.96	29.27368	482037.33	3631876.96	27.13115
482087.33	3631876.96	23.43791	482137.33	3631876.96	19.61119
482187.33	3631876.96	16.23039	482237.33	3631876.96	13.56724
482287.33	3631876.96	11.43214	482337.33	3631876.96	9.58025
482387.33	3631876.96	8.19390	481737.33	3631926.96	8.73450
481787.33	3631926.96	10.68984	481837.33	3631926.96	12.93073
481887.33	3631926.96	15.33769	481937.33	3631926.96	17.27709
481987.33	3631926.96	18.06364	482037.33	3631926.96	17.59129
482087.33	3631926.96	16.17807	482137.33	3631926.96	14.66729
482187.33	3631926.96	12.83414	482237.33	3631926.96	11.04090
482287.33	3631926.96	9.71044	482337.33	3631926.96	8.48883

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002991 , L0002992 , L0002993 , L0002994 , L0002995 ,
L0002996 , L0002997 , L0002998 , L0002999 , L0003000 , L0003001 , L0003002 , L0003003 ,
L0003004 , L0003005 , L0003006 , L0003007 , L0003008 , L0003009 , L0003010 , L0003011 ,
L0003012 , L0003013 , L0003014 , L0003015 , L0003016 , L0003017 , L0003018 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482387.33	3631926.96	7.43149	481637.33	3631976.96	4.94795
481687.33	3631976.96	5.84696	481737.33	3631976.96	6.88846
481787.33	3631976.96	8.12164	481837.33	3631976.96	9.43915
481887.33	3631976.96	10.74297	481937.33	3631976.96	11.85305
481987.33	3631976.96	12.30133	482037.33	3631976.96	12.22530
482087.33	3631976.96	11.74530	482137.33	3631976.96	10.49409
482187.33	3631976.96	9.65489	482237.33	3631976.96	8.79569
482287.33	3631976.96	8.00954	482337.33	3631976.96	7.25064
482387.33	3631976.96	6.52364	481637.33	3632026.96	4.22152
481687.33	3632026.96	4.82956	481787.33	3632026.96	6.43255
481837.33	3632026.96	7.21238	481887.33	3632026.96	8.04548
481937.33	3632026.96	8.54246	481987.33	3632026.96	9.03551
482037.33	3632026.96	8.73394	482087.33	3632026.96	8.59454
482137.33	3632026.96	8.38003	482187.33	3632026.96	7.44864
482237.33	3632026.96	6.96729	482287.33	3632026.96	6.48648
482337.33	3632026.96	6.07487	482387.33	3632026.96	5.60889
481837.33	3632076.96	5.69813	481887.33	3632076.96	6.23988
481937.33	3632076.96	6.64208	481987.33	3632076.96	6.91783
482037.33	3632076.96	6.73770	482087.33	3632076.96	6.70545
482137.33	3632076.96	6.66846	482187.33	3632076.96	5.78157
482237.33	3632076.96	5.55430	482287.33	3632076.96	5.27849
482337.33	3632076.96	4.85983	482387.33	3632076.96	4.68447

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
P1BC	1ST HIGHEST VALUE IS	82.35214 AT	(481827.68,	3631577.21,	102.01,	102.01, 0.00)	DC	
	2ND HIGHEST VALUE IS	81.49201 AT	(481863.87,	3631594.86,	101.96,	101.96, 0.00)	DC	
	3RD HIGHEST VALUE IS	74.97483 AT	(481842.33,	3631602.63,	101.80,	101.80, 0.00)	DC	
	4TH HIGHEST VALUE IS	68.68057 AT	(481818.85,	3631602.33,	101.90,	101.90, 0.00)	DC	
	5TH HIGHEST VALUE IS	67.38663 AT	(481880.29,	3631626.99,	101.54,	101.54, 0.00)	DC	
	6TH HIGHEST VALUE IS	64.59199 AT	(481837.45,	3631557.73,	102.20,	102.20, 0.00)	DC	
	7TH HIGHEST VALUE IS	51.72521 AT	(481860.34,	3631634.23,	101.77,	101.77, 0.00)	DC	
	8TH HIGHEST VALUE IS	48.33874 AT	(481807.91,	3631582.33,	102.00,	102.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	46.87076 AT	(481801.20,	3631575.73,	102.12,	102.12, 0.00)	DC	
	10TH HIGHEST VALUE IS	44.16969 AT	(481834.03,	3631630.99,	101.88,	101.88, 0.00)	DC	
P1DEMO	1ST HIGHEST VALUE IS	64.44266 AT	(481863.87,	3631594.86,	101.96,	101.96, 0.00)	DC	
	2ND HIGHEST VALUE IS	62.31996 AT	(481880.29,	3631626.99,	101.54,	101.54, 0.00)	DC	
	3RD HIGHEST VALUE IS	60.38624 AT	(481827.68,	3631577.21,	102.01,	102.01, 0.00)	DC	
	4TH HIGHEST VALUE IS	53.92903 AT	(481837.45,	3631557.73,	102.20,	102.20, 0.00)	DC	
	5TH HIGHEST VALUE IS	52.06413 AT	(481860.34,	3631634.23,	101.77,	101.77, 0.00)	DC	
	6TH HIGHEST VALUE IS	50.18899 AT	(481842.33,	3631602.63,	101.80,	101.80, 0.00)	DC	
	7TH HIGHEST VALUE IS	49.02157 AT	(481818.85,	3631602.33,	101.90,	101.90, 0.00)	DC	
	8TH HIGHEST VALUE IS	44.32248 AT	(481860.18,	3631669.62,	101.98,	101.98, 0.00)	DC	
	9TH HIGHEST VALUE IS	43.42235 AT	(481847.56,	3631647.69,	101.91,	101.91, 0.00)	DC	
	10TH HIGHEST VALUE IS	42.31428 AT	(481834.03,	3631630.99,	101.88,	101.88, 0.00)	DC	
P1G	1ST HIGHEST VALUE IS	54.49045 AT	(481863.87,	3631594.86,	101.96,	101.96, 0.00)	DC	
	2ND HIGHEST VALUE IS	48.73592 AT	(481880.29,	3631626.99,	101.54,	101.54, 0.00)	DC	
	3RD HIGHEST VALUE IS	45.96912 AT	(481827.68,	3631577.21,	102.01,	102.01, 0.00)	DC	
	4TH HIGHEST VALUE IS	44.02871 AT	(481860.34,	3631634.23,	101.77,	101.77, 0.00)	DC	
	5TH HIGHEST VALUE IS	41.94538 AT	(481837.45,	3631557.73,	102.20,	102.20, 0.00)	DC	
	6TH HIGHEST VALUE IS	39.56452 AT	(481842.33,	3631602.63,	101.80,	101.80, 0.00)	DC	
	7TH HIGHEST VALUE IS	37.21240 AT	(481818.85,	3631602.33,	101.90,	101.90, 0.00)	DC	
	8TH HIGHEST VALUE IS	33.55527 AT	(481847.56,	3631647.69,	101.91,	101.91, 0.00)	DC	
	9TH HIGHEST VALUE IS	32.60600 AT	(481834.03,	3631630.99,	101.88,	101.88, 0.00)	DC	
	10TH HIGHEST VALUE IS	27.85841 AT	(481860.18,	3631669.62,	101.98,	101.98, 0.00)	DC	
P1P1	1ST HIGHEST VALUE IS	57.62595 AT	(481837.33,	3631526.96,	102.94,	102.94, 0.00)	DC	
	2ND HIGHEST VALUE IS	53.75325 AT	(481837.45,	3631557.73,	102.20,	102.20, 0.00)	DC	
	3RD HIGHEST VALUE IS	27.80980 AT	(481863.87,	3631594.86,	101.96,	101.96, 0.00)	DC	
	4TH HIGHEST VALUE IS	26.25565 AT	(481887.33,	3631476.96,	102.97,	102.97, 0.00)	DC	
	5TH HIGHEST VALUE IS	23.32596 AT	(481827.68,	3631577.21,	102.01,	102.01, 0.00)	DC	
	6TH HIGHEST VALUE IS	20.45034 AT	(481937.33,	3631476.96,	102.35,	103.02, 0.00)	DC	
	7TH HIGHEST VALUE IS	16.75586 AT	(481842.33,	3631602.63,	101.80,	101.80, 0.00)	DC	
	8TH HIGHEST VALUE IS	15.60080 AT	(481837.33,	3631476.96,	102.86,	102.86, 0.00)	DC	
	9TH HIGHEST VALUE IS	13.19810 AT	(481880.29,	3631626.99,	101.54,	101.54, 0.00)	DC	
	10TH HIGHEST VALUE IS	12.91023 AT	(481807.91,	3631582.33,	102.00,	102.00, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
P1P2	1ST HIGHEST VALUE IS	49.83389 AT	(481860.18,	3631669.62,	101.98,	101.98, 0.00)	DC	
	2ND HIGHEST VALUE IS	43.94048 AT	(481923.14,	3631705.82,	102.14,	102.14, 0.00)	DC	
	3RD HIGHEST VALUE IS	41.77508 AT	(481847.56,	3631647.69,	101.91,	101.91, 0.00)	DC	
	4TH HIGHEST VALUE IS	40.83260 AT	(481880.29,	3631626.99,	101.54,	101.54, 0.00)	DC	
	5TH HIGHEST VALUE IS	39.86107 AT	(481870.78,	3631690.45,	102.13,	102.13, 0.00)	DC	
	6TH HIGHEST VALUE IS	36.27284 AT	(481913.17,	3631710.88,	102.12,	102.12, 0.00)	DC	
	7TH HIGHEST VALUE IS	35.70233 AT	(481860.34,	3631634.23,	101.77,	101.77, 0.00)	DC	
	8TH HIGHEST VALUE IS	22.45472 AT	(481938.96,	3631728.85,	102.12,	102.12, 0.00)	DC	
	9TH HIGHEST VALUE IS	21.08989 AT	(481851.52,	3631699.85,	102.14,	102.14, 0.00)	DC	
	10TH HIGHEST VALUE IS	19.83715 AT	(481830.70,	3631656.81,	101.98,	101.98, 0.00)	DC	
P1SP	1ST HIGHEST VALUE IS	16.28088 AT	(481837.45,	3631557.73,	102.20,	102.20, 0.00)	DC	
	2ND HIGHEST VALUE IS	15.45000 AT	(481837.33,	3631526.96,	102.94,	102.94, 0.00)	DC	
	3RD HIGHEST VALUE IS	14.86225 AT	(481923.14,	3631705.82,	102.14,	102.14, 0.00)	DC	
	4TH HIGHEST VALUE IS	12.58915 AT	(481863.87,	3631594.86,	101.96,	101.96, 0.00)	DC	
	5TH HIGHEST VALUE IS	11.91459 AT	(481880.29,	3631626.99,	101.54,	101.54, 0.00)	DC	
	6TH HIGHEST VALUE IS	10.87446 AT	(481913.17,	3631710.88,	102.12,	102.12, 0.00)	DC	
	7TH HIGHEST VALUE IS	9.73985 AT	(481937.33,	3631476.96,	102.35,	103.02, 0.00)	DC	
	8TH HIGHEST VALUE IS	9.08668 AT	(481938.96,	3631728.85,	102.12,	102.12, 0.00)	DC	
	9TH HIGHEST VALUE IS	8.83488 AT	(482087.33,	3631576.96,	101.02,	101.97, 0.00)	DC	
	10TH HIGHEST VALUE IS	8.78975 AT	(481887.33,	3631476.96,	102.97,	102.97, 0.00)	DC	
P2BC	1ST HIGHEST VALUE IS	143.31931 AT	(481913.17,	3631710.88,	102.12,	102.12, 0.00)	DC	
	2ND HIGHEST VALUE IS	108.75554 AT	(481926.72,	3631734.41,	102.15,	102.15, 0.00)	DC	
	3RD HIGHEST VALUE IS	95.48041 AT	(481923.14,	3631705.82,	102.14,	102.14, 0.00)	DC	
	4TH HIGHEST VALUE IS	95.15953 AT	(481882.67,	3631741.78,	102.50,	102.50, 0.00)	DC	
	5TH HIGHEST VALUE IS	87.62170 AT	(481876.22,	3631730.63,	102.46,	102.46, 0.00)	DC	
	6TH HIGHEST VALUE IS	78.31386 AT	(481938.96,	3631728.85,	102.12,	102.12, 0.00)	DC	
	7TH HIGHEST VALUE IS	51.45915 AT	(481860.55,	3631717.27,	102.47,	102.47, 0.00)	DC	
	8TH HIGHEST VALUE IS	42.60840 AT	(481870.78,	3631690.45,	102.13,	102.13, 0.00)	DC	
	9TH HIGHEST VALUE IS	32.56196 AT	(481937.33,	3631776.96,	103.34,	103.34, 0.00)	DC	
	10TH HIGHEST VALUE IS	32.08844 AT	(481858.06,	3631754.13,	102.57,	103.64, 0.00)	DC	
P2D	1ST HIGHEST VALUE IS	89.74841 AT	(481938.96,	3631728.85,	102.12,	102.12, 0.00)	DC	
	2ND HIGHEST VALUE IS	89.58590 AT	(481926.72,	3631734.41,	102.15,	102.15, 0.00)	DC	
	3RD HIGHEST VALUE IS	83.13682 AT	(481913.17,	3631710.88,	102.12,	102.12, 0.00)	DC	
	4TH HIGHEST VALUE IS	77.43373 AT	(481923.14,	3631705.82,	102.14,	102.14, 0.00)	DC	
	5TH HIGHEST VALUE IS	60.17071 AT	(481937.33,	3631776.96,	103.34,	103.34, 0.00)	DC	
	6TH HIGHEST VALUE IS	48.92300 AT	(481882.67,	3631741.78,	102.50,	102.50, 0.00)	DC	
	7TH HIGHEST VALUE IS	43.33124 AT	(481876.22,	3631730.63,	102.46,	102.46, 0.00)	DC	
	8TH HIGHEST VALUE IS	32.13622 AT	(481987.33,	3631776.96,	103.47,	103.47, 0.00)	DC	
	9TH HIGHEST VALUE IS	29.95255 AT	(481870.78,	3631690.45,	102.13,	102.13, 0.00)	DC	
	10TH HIGHEST VALUE IS	28.35298 AT	(481860.55,	3631717.27,	102.47,	102.47, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
P2P	1ST HIGHEST VALUE IS	97.63488 AT	(481937.33,	3631776.96,	103.34,	103.34,	0.00)	DC
	2ND HIGHEST VALUE IS	96.97023 AT	(481938.96,	3631728.85,	102.12,	102.12,	0.00)	DC
	3RD HIGHEST VALUE IS	85.33958 AT	(481926.72,	3631734.41,	102.15,	102.15,	0.00)	DC
	4TH HIGHEST VALUE IS	46.93857 AT	(481987.33,	3631776.96,	103.47,	103.47,	0.00)	DC
	5TH HIGHEST VALUE IS	36.77840 AT	(481882.67,	3631741.78,	102.50,	102.50,	0.00)	DC
	6TH HIGHEST VALUE IS	34.82607 AT	(481913.17,	3631710.88,	102.12,	102.12,	0.00)	DC
	7TH HIGHEST VALUE IS	33.82406 AT	(481923.14,	3631705.82,	102.14,	102.14,	0.00)	DC
	8TH HIGHEST VALUE IS	23.86371 AT	(481876.22,	3631730.63,	102.46,	102.46,	0.00)	DC
	9TH HIGHEST VALUE IS	18.96354 AT	(482037.33,	3631726.96,	102.93,	102.93,	0.00)	DC
	10TH HIGHEST VALUE IS	18.92033 AT	(482037.33,	3631776.96,	103.50,	103.50,	0.00)	DC
P3	1ST HIGHEST VALUE IS	96.63806 AT	(481797.06,	3631624.38,	101.63,	101.63,	0.00)	DC
	2ND HIGHEST VALUE IS	87.06508 AT	(481830.70,	3631656.81,	101.98,	101.98,	0.00)	DC
	3RD HIGHEST VALUE IS	85.24106 AT	(481790.43,	3631611.85,	101.76,	101.76,	0.00)	DC
	4TH HIGHEST VALUE IS	85.17164 AT	(481834.03,	3631630.99,	101.88,	101.88,	0.00)	DC
	5TH HIGHEST VALUE IS	83.63657 AT	(481784.20,	3631601.43,	101.91,	101.91,	0.00)	DC
	6TH HIGHEST VALUE IS	83.22617 AT	(481818.85,	3631602.33,	101.90,	101.90,	0.00)	DC
	7TH HIGHEST VALUE IS	80.53016 AT	(481794.39,	3631645.94,	102.15,	103.44,	0.00)	DC
	8TH HIGHEST VALUE IS	79.29845 AT	(481803.88,	3631636.73,	101.58,	103.44,	0.00)	DC
	9TH HIGHEST VALUE IS	73.35453 AT	(481789.96,	3631638.02,	102.38,	103.44,	0.00)	DC
	10TH HIGHEST VALUE IS	71.06119 AT	(481778.35,	3631616.54,	102.05,	103.18,	0.00)	DC
ALL	1ST HIGHEST VALUE IS	367.94091 AT	(481913.17,	3631710.88,	102.12,	102.12,	0.00)	DC
	2ND HIGHEST VALUE IS	347.21571 AT	(481926.72,	3631734.41,	102.15,	102.15,	0.00)	DC
	3RD HIGHEST VALUE IS	335.01452 AT	(481938.96,	3631728.85,	102.12,	102.12,	0.00)	DC
	4TH HIGHEST VALUE IS	328.20482 AT	(481923.14,	3631705.82,	102.14,	102.14,	0.00)	DC
	5TH HIGHEST VALUE IS	295.72799 AT	(481863.87,	3631594.86,	101.96,	101.96,	0.00)	DC
	6TH HIGHEST VALUE IS	291.55218 AT	(481880.29,	3631626.99,	101.54,	101.54,	0.00)	DC
	7TH HIGHEST VALUE IS	275.34413 AT	(481827.68,	3631577.21,	102.01,	102.01,	0.00)	DC
	8TH HIGHEST VALUE IS	272.56518 AT	(481818.85,	3631602.33,	101.90,	101.90,	0.00)	DC
	9TH HIGHEST VALUE IS	265.05768 AT	(481837.45,	3631557.73,	102.20,	102.20,	0.00)	DC
	10TH HIGHEST VALUE IS	263.52738 AT	(481860.34,	3631634.23,	101.77,	101.77,	0.00)	DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\AERMOD Projects\Muir School\Muir School.isc     ***
03/29/19
 *** AERMET - VERSION  14134 ***   ***                                                                    ***
14:12:57

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of        14844 Informational Message(s)

 A Total of        43872 Hours Were Processed

 A Total of        13274 Calm Hours Identified

 A Total of         1570 Missing Hours Identified (  3.58 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 MX W481   43873         MAIN: Data Remaining After End of Year. Number of Hours=          48

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
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Appendix B

Biological Resources Compendium

ESA

Appendix B1. Plant Species Observed

Class	Family (scientific)	Family (common)	Scientific Name	Common Name
MONOCOTS				
	AGAVACEAE	**Agave Family**	*Agave* spp.	Agave species*
			Yucca ssp.	Yucca species*
	ARECACEAE	**Palm Family**	*Washingtonia robusta*	Mexican fan palm*
	ASPHODELACEAE	**Aloe Family**	*Aloe* spp.	Aloe species*
	POACEAE	**Grass Family**	*Cynodon dactylon*	Common Bermuda grass*
			Pennisetum setaceum	Crimson fountaingrass*
	STRELITZIACEAE	**Bird of Paradise Family**	*Strelitzia reginae*	Bird of paradise*
EUDICOTS				
	AIZOACEAE	**Fig-Marigold Family**	*Mesembryanthemum* spp.	Iceplant*
	ANACARDIACEAE	**Sumac Family**	*Malosma laurina*	Laurel sumac
			Rhus integrifolia	Lemonadeberry
			Schinus terebinthifolius	Brazilian pepper tree*
	APIACEAE	**Carrot Family (Umbelliferae)**	*Foeniculum vulgare*	Sweet fennel*
	ASTERACEAE	**Aster - Daisy - Composite Family**	*Baccharis pilularis*	Coyote brush
			Dimorphotheca sinuata	African daisy*
			Dittrichia graveolens	Stinkwort
			Heterotheca grandiflora	Telegraph weed
			Hypochaeris glabra	Smooth cat's ear*
	BIGNONIACEAE	**Bignonia Family**	*Chilopsis x taskensis*	Desert willow*
			Jacaranda mimosifolia	Blue jacaranda*
	BRASSICACEAE	**Mustard Family**	*Brassica* spp.	Mustard species*
	CACTACEAE	**Cactus Family**	*Opuntia* spp.	Prickly-pear species**
	CONVOLVULACEAE	**Morning-Glory Family**	*Calystegia macrostegia* ssp. *tenuifolia*	Narrow-leaf morning-glory
			Cuscuta californica	California dodder
	CRASSULACEAE	**Stonecrop Family**	*Aeonium arboretum*	Tree aeonium*

Class	Family (scientific)	Family (common)	Scientific Name	Common Name
			Crassula ovata	Jade plant*
	CUCURBITACEAE	**Gourd Family**	*Marah macrocarpus*	Wild cucumber
	CYPERACEAE	**Sedge Family**	*Carex* spp.	Sedge species*
			Cyperus involucratus	Umbrella plant *
	EUPHORBIACEAE	**Spurge Family**	*Croton setiger*	Doveweed
	FABACEAE	**Pea Family**	*Acmispon glaber*	Deerweed
			Tipuana tipu	Rosewood*
	FAGACEAE	**Oak Family**	*Quercus agrifolia*	Coast live oak
	IRIDACEAE	**Iris Family**	*Dietes iridioides*	African iris*
	LAMIACEAE	**Mint Family**	*Plectranthus barbatus*	Coleus forskohlii*
			Salvia apiana	White sage
	MALVACEAE	**Mallow Family**	*Hibiscus* spp.	Hibiscus species*
			Malacothamnus fasciculatus	Bush mallow
			Malva spp.	Mallow species*
			Malvella leprosa	Alkali mallow
	MORACEAE	**Mulberry Family**	*Morus alba*	White mulberry*
	MYRTACEAE	**Myrtle Family**	*Eucalyptus* spp.	Eucalyptus tree*
			Melaleuca armillaris	Bracelet honey myrtle*
	PLATANACEAE	**Sycamore Family**	*Platanus racemosa*	Western sycamore
	PLUMBAGINACEAE	**Leadwort Family**	*Limonium* spp.	Sea Lavender Species**
			Plumbago spp.	Leadwort Species*
	POLYGONACEAE	**Buckwheat Family**	*Eriogonum fasciculatum*	California buckwheat
	ROSACEAE	**Rose Family**	*Heteromeles arbutifolia*	Toyon
			Prunus cerasifera	Cherry plum*
			Pyrus calleryana	Callery pear*
	SALICACEAE	**Willow Family**	*Salix lasiolepis*	Arroyo willow
	SOLANACEAE	**Nightshade Family**	*Solanum americanum*	White nightshade*

*denotes non-native species

**denotes unknown if native or non-native species

Appendix B2. Wildlife Species Observed/Detected

Order	Family	Scientific Name	Common Name
INVERTABRATES			
LEPIDOPTERA	**NYMPHALIDAE**	*Danaus plexippus*	Monarch butterfly
		Nymphalis antiopa	Mourning cloak
	PAPILIONIDAE	*Papilio* spp.	Swallowtail Species
ODONATA	**LIBELLULIDAE**	*Libellula croceipennis*	Neon Skimmer
REPTILES			
SQUAMATA	**PHRYNOSOMATIDAE**	*Sceloporus occidentalis*	Western fence lizard
BIRDS			
COLUMBIFORMES	**COLUMBIDAE**	*Zenaida macroura*	Mourning dove
APODIFORMES	**TROCHILIDAE**	*Calypte anna*	Anna's hummingbird
PICIFORMES	**PICIDAE**	*Picoides nuttallii*	Nuttall's woodpecker
FALCONIFORMES	**ACCIPITRIDAE**	*Buteo jamaicensis*	Red-tailed hawk
PASSERIFORMES	**TYRANNIDAE**	*Tyrannus vociferans*	Cassin's kingbird
		Sayornis nigricans	Black phoebe
		Sayornis saya	Say's phoebe
	CORVIDAE	*Aphelocoma californica*	California scrub-jay
		Corvus brachyrhynchos	American crow
		Corvus corax	Common raven
	TROGLODYTIDAE	*Troglodytes aedon*	House wren
	MIMIDAE	*Mimus polyglottos*	Northern mockingbird
	FRINGILLIDAE	*Haemorhous mexicanus*	House finch
		Spinus tristis	American goldfinch
	PASSERELLIDAE	*Melozone crissalis*	California towhee
		Zonotrichia leucophrys	White-crowned sparrow
	PARULIDAE	*Setophaga coronate*	Yellow-rumped warbler
MAMMALS			
LAGOMORPHA	**LEPORIDAE**	*Sylvilagus audubonii*	Audubon's cottontail

Appendix B3. CDFW CNDDB Sensitive Species Query

Scientific Name	Common Name	Federal status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Acanthomintha ilicifolia	San Diego thorn-mint	Threatened	Endangered	G1	S1	1B.1
Acmispon prostratus	Nuttall's acmispon	None	None	G1G2	S1	1B.1
Adolphia californica	California adolphia	None	None	G3	S2	2B.1
Agelaius tricolor	tricolored blackbird	None	Candidate Endangered	G2G3	S1S2	SSC
Aimophila ruficeps canescens	southern California rufous-crowned sparrow	None	None	G5T3	S3	WL
Ambrosia monogyra	singlewhorl burrobrush	None	None	G5	S2	2B.2
Ambrosia pumila	San Diego ambrosia	Endangered	None	G1	S1	1B.1
Aphanisma blitoides	aphanisma	None	None	G3G4	S2	1B.2
Arizona elegans occidentalis	California glossy snake	None	None	G5T2	S2	SSC
Artemisia palmeri	San Diego sagewort	None	None	G3?	S3?	4.2
Aspidoscelis hyperythra	orange-throated whiptail	None	None	G5	S2S3	WL
Aspidoscelis tigris stejnegeri	coastal whiptail	None	None	G5T5	S3	SSC
Astragalus tener var. titi	coastal dunes milk-vetch	Endangered	Endangered	G2T1	S1	1B.1
Athene cunicularia	burrowing owl	None	None	G4	S3	SSC
Atriplex coulteri	Coulter's saltbush	None	None	G3	S1S2	1B.2
Atriplex pacifica	south coast saltscale	None	None	G4	S2	1B.2
Bergerocactus emoryi	golden-spined cereus	None	None	G2G3	S2	2B.2
Bloomeria clevelandii	San Diego goldenstar	None	None	G2	S2	1B.1
Branchinecta sandiegonensis	San Diego fairy shrimp	Endangered	None	G2	S2	
Brodiaea orcuttii	Orcutt's brodiaea	None	None	G2	S2	1B.1
Campylorhynchus brunneicapillus sandiegensis	coastal cactus wren	None	None	G5T3Q	S3	SSC
Ceanothus otayensis	Otay Mountain ceanothus	None	None	G1G2	S1	1B.2
Ceanothus verrucosus	wart-stemmed ceanothus	None	None	G2	S2?	2B.2

Scientific Name	Common Name	Federal status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Chaenactis glabriuscula var. orcuttiana	Orcutt's pincushion	None	None	G5T1T2	S1	1B.1
Choeronycteris mexicana	Mexican long-tongued bat	None	None	G4	S1	SSC
Chorizanthe orcuttiana	Orcutt's spineflower	Endangered	Endangered	G1	S1	1B.1
Chorizanthe polygonoides var. longispina	long-spined spineflower	None	None	G5T3	S3	1B.2
Comarostaphylis diversifolia ssp. diversifolia	summer holly	None	None	G3T2	S2	1B.2
Corethrogyne filaginifolia var. incana	San Diego sand aster	None	None	G4T1Q	S1	1B.1
Danaus plexippus pop. 1	monarch - California overwintering population	None	None	G4T2T3	S2S3	
Dudleya blochmaniae ssp. blochmaniae	Blochman's dudleya	None	None	G3T2	S2	1B.1
Dudleya brevifolia	short-leaved dudleya	None	Endangered	G1	S1	1B.1
Dudleya variegata	variegated dudleya	None	None	G2	S2	1B.2
Eryngium aristulatum var. parishii	San Diego button-celery	Endangered	Endangered	G5T1	S1	1B.1
Euderma maculatum	spotted bat	None	None	G4	S3	SSC
Eumops perotis californicus	western mastiff bat	None	None	G5T4	S3S4	SSC
Euphorbia misera	cliff spurge	None	None	G5	S2	2B.2
Falco mexicanus	prairie falcon	None	None	G5	S4	WL
Falco peregrinus anatum	American peregrine falcon	Delisted	Delisted	G4T4	S3S4	FP
Ferocactus viridescens	San Diego barrel cactus	None	None	G3?	S2S3	2B.1
Geothallus tuberosus	Campbell's liverwort	None	None	G1	S1	1B.1
Harpagonella palmeri	Palmer's grapplinghook	None	None	G4	S3	4.2
Heterotheca sessiliflora ssp. sessiliflora	beach goldenaster	None	None	G4T2T3	S1	1B.1
Isocoma menziesii var. decumbens	decumbent goldenbush	None	None	G3G5T2T3	S2	1B.2
Iva hayesiana	San Diego marsh-elder	None	None	G3	S2	2B.2

Scientific Name	Common Name	Federal status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Lasthenia glabrata ssp. coulteri	Coulter's goldfields	None	None	G4T2	S2	1B.1
Laterallus jamaicensis coturniculus	California black rail	None	Threatened	G3G4T1	S1	FP
Lepidium virginicum var. robinsonii	Robinson's pepper-grass	None	None	G5T3	S3	4.3
Leptosyne maritima	sea dahlia	None	None	G2	S1S2	2B.2
Mobergia calculiformis	light gray lichen	None	None	G3	S1	3
Monardella viminea	willowy monardella	Endangered	Endangered	G1	S1	1B.1

Appendix C
Historic Resource Assessment

ESA

Draft

MUIR AT ANDERSON SCHOOL WHOLE SITE MODERNIZATION

Historic Resources Assessment

Prepared for

San Diego Unified School District
Facilities Planning and Construction
4860 Ruffner Street
San Diego, CA 92111

April 2019

ESA



Overview of Muir at Anderson School Campus (ESA 2018)

Draft

MUIR AT ANDERSON SCHOOL WHOLE SITE MODERNIZATION

Historic Resources Assessment

Prepared for / Submitted to:
San Diego Unified School District
Facilities Planning and Construction
4860 Ruffner Street
San Diego, CA 92111

April 2019

Project Director:
Margarita Jerabek, Ph.D., Director of Historical Resources

Report Authors:
Hanna Winzenreid, M.S., Associate Architectural Historian
Joel Levanetz, M.A., AICP Managing Architectural Historian

Project Location:
4431 Mount Herbert Avenue, San Diego, CA 92117
La Jolla (CA) USGS 7.5-minute Topographic Quad
Township 15 South, Range 3 West, Section 0
Assessor Parcel Number: 3612-900-400
Acreage: 10.17 acres

Prepared by:
ESA
550 West C Street
Suite 750
San Diego, CA 92101
619.719.4200
esassoc.com

Bend	Oakland	San Diego
Camarillo	Orlando	San Francisco
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Irvine	Portland	Seattle
Los Angeles	Sacramento	Tampa

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MUIR AT ANDERSON SCHOOL WHOLE SITE MODERNIZATION

Historic Resources Assessment

Executive Summary

Environmental Science Associates (ESA) has been retained by the San Diego Unified School District ("District") to prepare a Historic Resources Assessment (Report) for the proposed Muir at Anderson School Whole Site Modernization (Project). The District is proposing improvements to the John Muir Language Academy (Muir at Anderson School, or "Muir School") including campus-wide modernization efforts. The campus is located at 4431 Mount Herbert Avenue, within the City of San Diego (City), San Diego County (County), California on assessor parcel number (APN) 3612-900-400. The District is the lead agency pursuant to the California Environmental Quality Act (CEQA). The District is proposing to demolish the kindergarten playground area and a portion of the existing parking lot to construct a new approximately 5,402 square feet (sf) administration building and expand the kindergarten classrooms by an additional 1,340 sf. East of the proposed kindergarten classroom expansion would be a new designated kindergarten play area. In addition, proposed improvements would include a 1,111 sf kitchen expansion adjacent to and west of the proposed administration building, connecting the proposed administration building to the existing multi-purpose building. The existing adjacent outdoor lunch shelter would remain similar to existing conditions. The existing general-use parking lot would be reconfigured and expanded east to connect to the existing bus loop's northern driveway. The parking lot would maintain the existing 39 spaces for visitor parking, and include a one-way flow-through area for student drop off. Additionally, an approximately 29,548 sf two-story classroom building would be constructed west of the existing soccer field. The classroom building would include 3rd through 5th grade classrooms, a maker space, restrooms, a kitchen, and collaborative space. In addition, a 4,919 sf locker building (with dedicated girls and boys locker and restrooms) and physical education storage area is proposed south of the existing library. All proposed buildings would be constructed with fiber cement siding and stucco materials, similar to existing buildings. The existing archery range would be relocated to the east of the existing soccer field, and five asphalt hardcourts would be constructed in place of the archery range. The existing portable classrooms located on the western portion of the Project Site would be demolished, and a new dedicated staff parking lot would be constructed in its place. The staff parking lot would provide 44 spaces, and would also include a dedicated drop off loop around its perimeter. A dedicated fire lane would be located on the south edge of the Project Site with access towards the proposed hardcourts and soccer field. A total of 19 trees throughout the Project Site would be removed for construction activities. Any removed trees would be replaced at a 1:1 ratio at appropriate locations across the Project Site.

ESA evaluated Muir at Anderson School for potential eligibility for listing in the National Register of Historic Places (National Register) and California Register of Historical Resources (California Register) as a historic district. Because the District is the lead agency, the local designation programs are not applicable and therefore Muir School was not evaluated against the City's Historical Resources Register criteria. As a result of ESA's research and survey investigations, Muir School is recommended ineligible for listing in the National Register as a historic property as well as ineligible for listing in the California Register as a historical resource. According to research and field observations, none of the buildings on campus appear to rise to the threshold of individual distinction to be individually eligible for the National Register or California Register on their own historical or architectural merits or as contributors to the significance of a potential historic district.

Introduction

ESA has been retained by the District to prepare a Historic Resources Assessment (Report) for the proposed Muir at Anderson School Whole Site Modernization (Project). The 10.17-acre John Muir School ("Muir School" or "campus") is presently developed with the buildings and grounds of Muir School, part of the San Diego Unified School District ("District"). The District is proposing to demolish the kindergarten playground area and a portion of the existing parking lot to construct a new approximately 5,402 square feet (sf) administration building and expand the kindergarten classrooms by an additional 1,340 sf. East of the proposed kindergarten classroom expansion would be a new designated kindergarten play area. In addition, proposed improvements would include a 1,111 sf kitchen expansion adjacent to and west of the proposed administration building, connecting the proposed administration building to the existing multi-purpose building. The existing adjacent outdoor lunch shelter would remain similar to existing conditions. The existing general-use parking lot would be reconfigured and expanded east to connect to the existing bus loop's northern driveway. The parking lot would maintain the existing 39 spaces for visitor parking, and include a one-way flow-through area for student drop off. Additionally, an approximately 29,548 sf two-story classroom building would be constructed west of the existing soccer field. The classroom building would include 3rd through 5th grade classrooms, a maker space, restrooms, a kitchen, and collaborative space. In addition, a 4,919 sf locker building (with dedicated girls and boys locker and restrooms) and physical education storage area is proposed south of the existing library. All proposed buildings would be constructed with fiber cement siding and stucco materials, similar to existing buildings. The existing archery range would be relocated to the east of the existing soccer field, and five asphalt hardcourts would be constructed in place of the archery range. The existing portable classrooms located on the western portion of the Project Site would be demolished, and a new dedicated staff parking lot would be constructed in its place. The staff parking lot would provide 44 spaces, and would also include a dedicated drop off loop around its perimeter. A dedicated fire lane would be located on the south edge of the Project Site with access towards the proposed hardcourts and soccer field. A total of 19 trees throughout the Project Site would be removed for construction activities. Any removed trees would be replaced at a 1:1 ratio at appropriate locations across the Project Site. The focus of this Report is to identify and evaluate potential historic resources located on the campus.

ESA personnel involved in the preparation of this report are as follows: Margarita Jerabek, Ph.D., Project Director, provided senior technical and compliance oversight. Report authors were Joel Levanetz, M.A., AICP Managing Architectural Historian and Hanna Winzenried, M.Sc., Associate Architectural Historian. Resumes of key personnel are included in **Appendix A**.

Location

The approximately 10-acre Muir at Anderson School is located in the City of San Diego (City) in the Clairemont Mesa neighborhood and is located in the Clairemont Mesa Community Plan Area (CPA) as shown in **Figure 1**, *Regional Location*. The boundaries of Muir at Anderson School are depicted in **Figure 2**, *Project Location*. The northeast boundary of the campus is Mount Etna Drive. The irregular southeast boundary includes the shared border with Mount Etna Neighborhood Park. The southwest boundary consists of single-family residences north of Mount Laudo Drive and the northwest boundary is Mount Herbert Avenue. The campus is depicted on the United States Geological Survey (USGS) 2015 7.5' La Jolla topographic quadrangle map in Section 0 of Township 15 South, Range 3 West. Major arterials providing sub-regional access to the campus vicinity include Clairemont Mesa Boulevard northwest of the subject property and Genesee Avenue to the east. Primary regional access is provided by both Interstate 5 and 805.

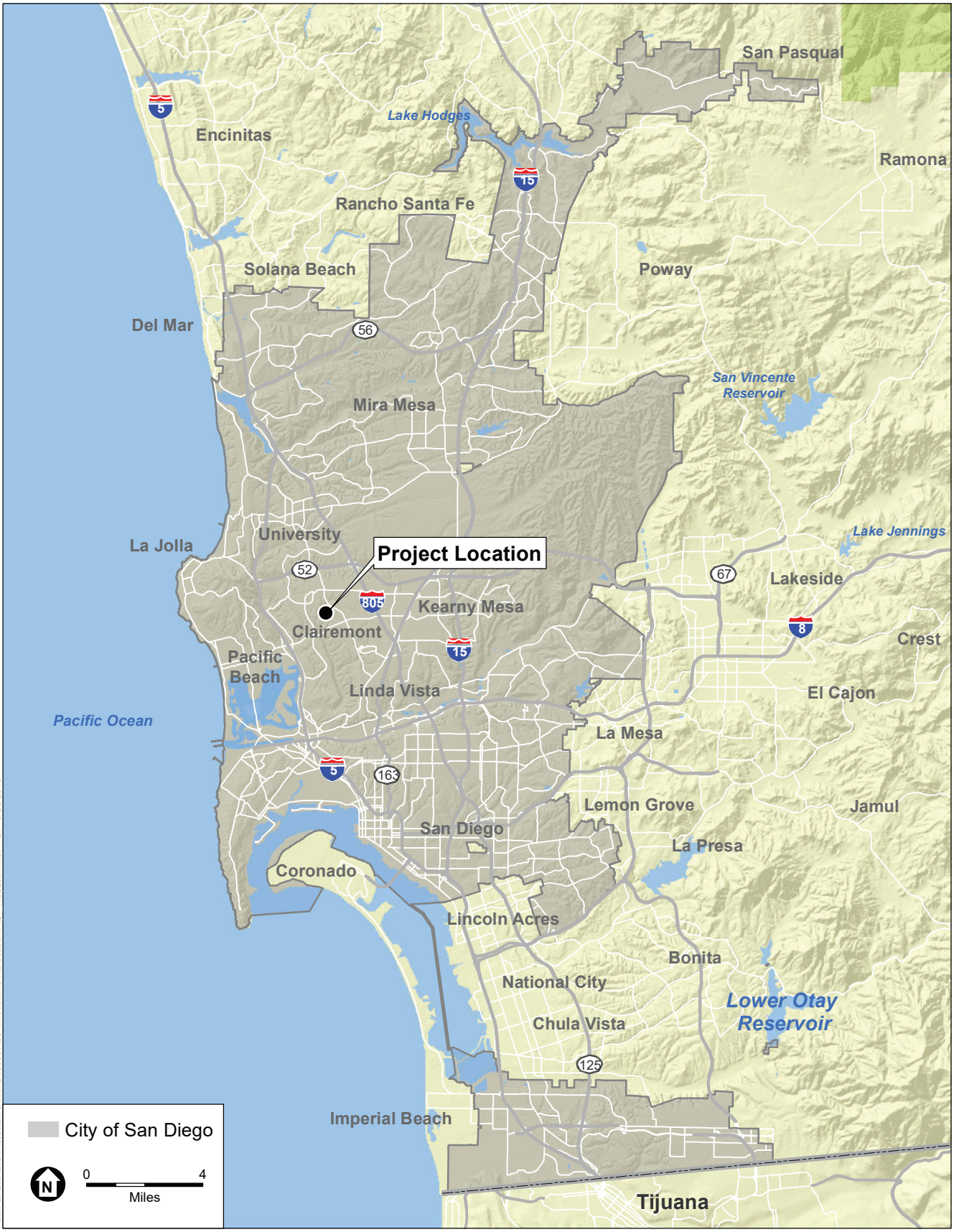
Historic Context

This thematic historic context presents the history of the region and Muir School, and was developed to document and support the identification and evaluation of historic architectural resources. Research indicates Muir at Anderson School is associated with the following historical and architectural themes: The Development of Clairemont Mesa, the District, and the Muir at Anderson School. Additionally, as part of this study, contexts were developed for the Moderne and Mid-Century Modern architectural styles and the architects responsible for designing campus, Victor L. Wulff and James P. Fifield.

The Development of Clairemont Mesa

During the early-twentieth century the community of Clairemont Mesa was dominated by agricultural fields. World War II led to great demand for defense worker and military housing. In the 1940s, real estate developers, Lou Burgener and Carlos Taveres purchased 1,000 acres of cattle grazing land and planned to develop it into a modern suburban housing tract. They named it Clairemont after Taveres' wife, Claire. She suggested the subdivision layout match the terrain with winding streets and cul-de-sacs. It eventually became one of the largest postwar planned communities in the United States. It was nicknamed the Village within a City and helped to expand San Diego outwards into new outlying areas immediately after WWII.[1]

[1] Save Our Heritage Organization, "Clairemont: The Village Within a City Introduction," *Clairemont The Village Within a City: Self-Guided Driving Tour*, 2012, http://sdculturalheritage.org/images/clairemontTour.pdf.

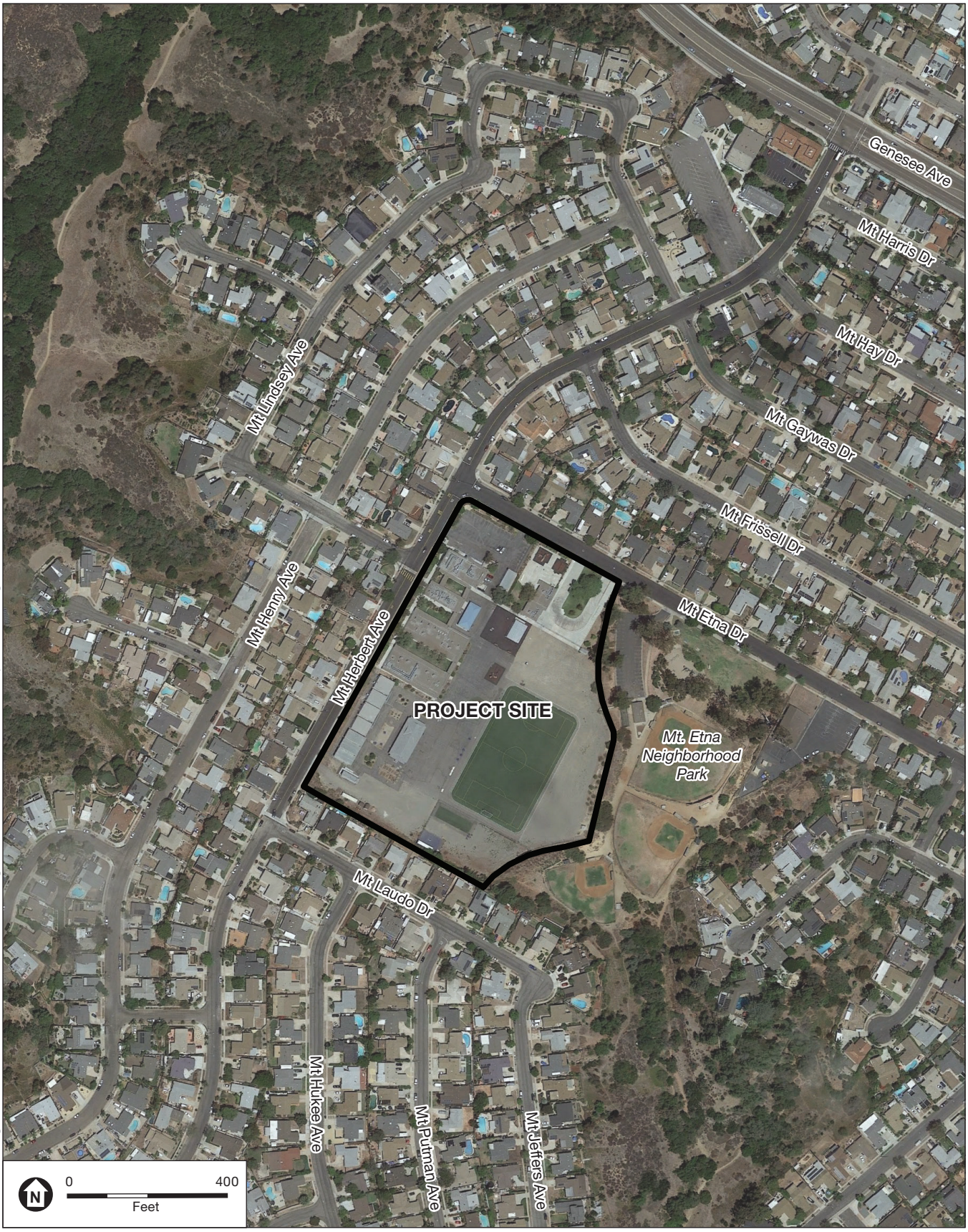


SOURCE: ESRI; SanGIS 2015

Muir at Anderson School

Figure 1
Regional Location

ESA

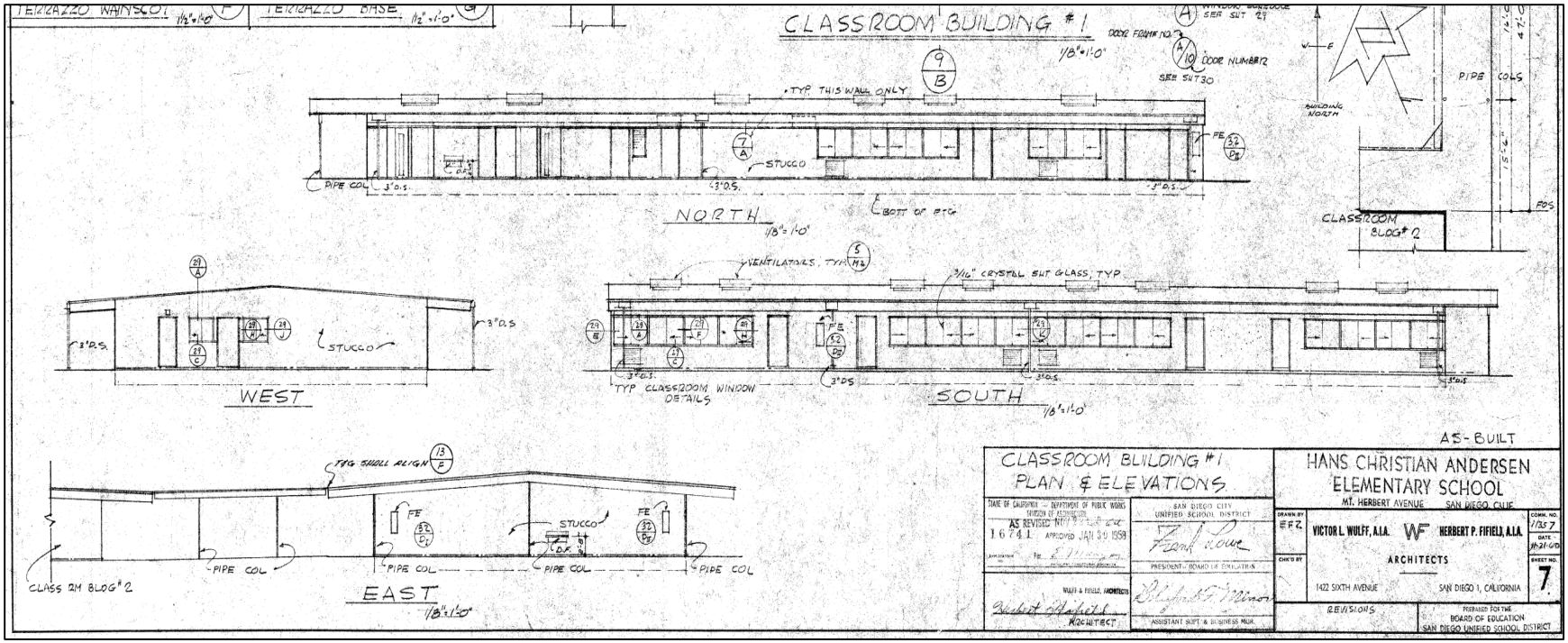


SOURCE: ESA, 2019; Base Map Google Earth, 2019

Muir at Anderson School

Figure 2
Project Location

ESA



SOURCE: SDUSD

Figure 3
Hans Christian Andersen Elementary School As-Built Drawings, 1960.
John Muir School Project / 160537.10

Clairemont's first 500 new tract homes were designed by Harold Abrams and Benson Eschenbach. These homes ranged in price from $13,000 to $20,000 and had over 20 different floor plans. The houses had typical modern features such as picture windows, brick fireplaces, ceramic tiled bathrooms, wood paneling, modern kitchens, and two-car attached garages.[2]

Clairemont's main street was Clairemont Drive which was developed between 1953 and 1965. The Clairemont Quad and the Clairemont Square retail centers were at its southern and northern terminals. The rest of the Drive was developed with commercial buildings, duplexers and apartment building, as well as educational, religious, and recreational buildings. There are many examples of intact Mid-Century Modern buildings designed by noted architects such as Sim Bruce Richards, Robert J. Platt, Robert Des Lauriers, and Lloyd Pietrantonio Ruocco. [3]

San Diego Unified School District

Public education in the City of San Diego originates in 1850, when the Common Council appropriated funds for a school room in the sheriff's house. The origins of what would become the District, however, lie in School District No. 1, which was established on July 1, 1854. In 1865, the city erected the Little Green School on Mason Street, shortly followed by a new two-story school in the same location in 1872.[4] The first high school began in 1888 with the opening of Russ School. Russ School became San Diego High School in 1903, and in 1906 a new San Diego High School was constructed. This would be the only high school until the opening of La Jolla Junior-Senior High School in 1922. The school population expanded nearly 500%, from 3,000 to 14,275 students between 1900 and 1922, leading to the construction of sixteen new elementary schools in that time period, as well as San Diego's second high school (La Jolla) and first two junior high schools (Memorial and Theodore Roosevelt).[5]

The onset of the Great Depression saw financial difficulties for San Diego schools. High unemployment led to a shrinking tax base, which in turn led to decreased budgets for schools. This translated to increased class sizes and lower teacher salaries, but began to change with federal aid from the Roosevelt Administration's New Deal economic program.[6] By 1940, the District had expanded to thirty-eight elementary schools, five junior high schools, two junior-senior high schools, three high schools, a day and evening junior college, a continuation school, and a vocational school.[7]

2 Save Our Heritage Organization, "Clairemont: The Village Within a City Introduction," *Clairemont The Village Within a City: Self-Guided Driving Tour*, 2012, http://sdculturalheritage.org/images/clairemontTour.pdf.

3 Save Our Heritage Organization, "Clairemont: The Village Within a City Introduction," *Clairemont The Village Within a City: Self-Guided Driving Tour*, 2012, http://sdculturalheritage.org/images/clairemontTour.pdf.

4 San Diego Unified School District, *100 Years of Public Education in San Diego: July 1, 1954 to June 30, 1954* (San Diego: San Diego Unified School District, 1954), 3.

5 San Diego Unified School District, *Modern San Diego Public School Development* (San Diego: San Diego Unified School District, 2015), 1.

6 Ibid., 4.

7 Ibid.

This increase in schools further accelerated with the boom in wartime industry and military enrollment associated with WWII. Defense workers from across the country flooded into San Diego along with their children, who put a strain on San Diego's school system. The federal government under the Lanham Act of 1940 built housing for the workers and their families, and thirteen schools for their children.[8] Among the best examples of federally-constructed housing and schools in San Diego was Linda Vista, which was comprised of a large amount of inexpensive, quickly-built housing for workers northeast of downtown San Diego. Schools in Linda Vista included Linda Vista Elementary, Kit Carson Elementary, and Stephen W. Kearny Senior High School (Montgomery MS), which would be renamed Montgomery Middle School in 1954 with the opening of a new Kearny Senior High School a short distance away.[9]

WWII was a time of immense growth for San Diego; the population was 203,341 in 1940 and had grown to 334,387 by 1950. Bonds issued in 1946, 1950, and 1953 funded new schools and paid for improvements to existing ones.[10] Modernist architects such as Clyde Hufbauer designed many of the new buildings resulting from bond measures, such as auditoriums, libraries and multi-purpose buildings.

John Muir School Establishment and Construction History

When the school opened its doors to the public in 1960 to serve as an educational facility, the institution was termed the Hans Christian Andersen Elementary School. Given the date that construction of the campus was originally completed, the facility represented a late arrival to the educational profile of the built environment already present throughout the Clairemont Mesa neighborhood. According to the As-Built drawings dated November 21st, 1960, the Hans Christian Andersen Elementary School consisted of a collection of five individual structures. These included the Assembly/Cafeteria Building, the Administration Building, Classroom Building 1, Classroom Building 2 and the Kindergarten Building. Similar to the current layout of the campus, the original design of the property included the Assembly/Cafeteria Building situated near the northeast corner of the lot near the intersection of Mount Herbert Avenue and Mount Etna Drive. Continuing southwest along Mount Herbert Drive was then the Administration Building, Classroom Building 1 and Classroom Building 2. The one structure that does not conform to this systematic row of educational structures was the Kindergarten Building. This component of the campus was more diminutive in scale and was built recessed to the east behind the Assembly/Cafeteria Building in closer proximity to Mount Etna Drive to the north than Mount Herbert Avenues similar to the remainder of the campus buildings.

It should be noted that, although at the time of this writing, official permit history documentation was not available, according to historic aerials, these initial five structures retain the same footprint and many of the design elements originally intended for their appearance. However, as demonstrated through research and field observations, a number of significant alterations to the fabric of the educational facility have undermined the campus dramatically. As noted in the San Diego City Schools board meeting minutes dated March 8, 2005, the governing body was

8 Ibid., 7.
9 Ibid.
10 Ibid., 10.

contemplating a suitable alternative location for the John Muir School of Humanistic Studies previously located within leased space at the San Diego Mesa College Facility. Among the locations being considered were the former Andersen and Decatur Elementary School sites. Despite the higher cost estimated for renovations, the subject property was chosen and re-opened as John Muir School at the start of the school year in 2005.

In Spring of 2009, the District described the transition as follows:

> *Muir's new site was built as an elementary school in the 1960s. Before we moved in, in the fall of 2005, the school was freshly painted and cleaned, and the office was updated for the latest technology. New playground equipment that meets state and federal safety regulations and new athletic courts were added. Muir retains the charming original landscaping, enriched by student projects like the kindergarten tree (part of the science curriculum) and gardens for edible produce maintained by science and the AVID classes. Students, as part of their study of global civilization, have learned the importance of keeping the site clean and free of litter. Their efforts are aided by one full-time and one part-time custodian.*
>
> *Our school has received additional upgrades thanks to Proposition MM and other funding. In 2006, a bus turn-around area was added. A new permanent library, a lunch court, and science classrooms are currently under construction. In addition, the data network will be updated and access for the physically disabled will be improved...*

The final paragraph of the description provided by the District represents the period of the most significant alterations for the recently renamed John Muir School. As noted above, a range of modifications were made across the interior and exterior spaces of the campus buildings. Perhaps most notably is the permanent library recessed from Mount Herbert Avenue near the southwest corner of the property. Although the library building serves as the terminus of the row of educational buildings, the structure distinctively deviates from the architectural language shared by the rest of the campus. Rather than featuring the low-pitched, front-gabled design common across the subject property, the library building is articulated in a hipped roof with large triangular dormers at the east and west elevations, a moderate triangular dormer window at the north elevations and two smaller triangular dormers at the south elevations.



SOURCE: ESA

Figure 4
John Muir School – New Library Building
October 2018
Looking southwest

Wulff and Fifield Architects

The architectural firm was made up of Franz Victor "Vic" Leonard Wulff and Herbert "Herb" Fifield. Wulff was born in Kansas City, Missouri on August 29, 1911. He went on to earn a BS in Architecture in 1936 and a BS in Architectural Engineering in 1943 from Kansas University. Wulff served in the US Naval Reserves as a Lt. Commander from 1943-1946. After his service, he worked as a draftsman for William Templeton Johnson, FAIA from 1946-1949 and was promoted to Chief Draftsman in 1949. He became partner in the firm Johnson, Hatch, and Wulff Architects between 1050 and 1953.[11]

Herb Fifield was born in Newton Iowa on October 11, 1915. He attended USC between 1934 and 1938 and secured a private instruction in Structural Engineering in 1941. He then served in the US Navy Public Works Department from 1940-1945. After that he. After World War II, he was employed as an architect and engineer for Bodman & Murrell Architects in Baton Rouge, Louisiana from 1946-1947. After, he returned to San Diego and worked as a Staff Architect for the San Diego Unified School District from 1948 to 1951. He joined Johnson, Hatch & Wulff as an architect and engineer from 1951-1953 before forming Wulff, Fifield & Associates. [12]

[11] "Wulff and Fifield," *Modern San Diego*
[12] "Wulff and Fifield," *Modern San Diego*

Wulff and Fifield's firm employed a number of architects including Wally Duncan, Stan Ring, Ed Zimmerman, Bull Unger, Stan Ring, and Don Innes. Innes, Unger, and Zimmerman designed several schools and churches for the firm. A number of their most memorable designs include the Allison-McCloskey Escrow Company, American Optical Building, San Diego Public Library (1954), and Donald N. Sharp Hospital (1954). A number of other schools they worked on include Bird Rock Elementary School (1951), Harley E. Knox Elementary School (1958), James Whitcomb Riley Elementary School (1959), Pacific Beach Junior High (1953), Walt Whitman Elementary School (1958), and Woodrow Wilson Jr. High (1959).[13]

Moderne Style (1930-1945)

The Moderne style was popular during the Great Depression as developed by government relief projects. During this period the government created jobs for architects, designers, and builders by putting them to work, creating hundreds of government and civic buildings, including post offices, train stations, public schools, museums, bridges, and dams throughout the United States. Moderne structures reflected a greater use of conservative and classical elements and had a distinct monumental feel to them. The Moderne style was characterized by board-form or smooth concrete exteriors; schools were typically flat-roofed, although occasionally some had gabled or hipped tile roofs; they were generally symmetrical; mostly with horizontal emphasis; piers and pilasters, often fluted or reeded, provided architectural order, dividing structural bays and separating recessed window channels; shallow relief panels and interior murals were often incorporated; rounded and bullnosed corners or other curved elements were characteristic; and Art Deco motifs such as chevrons gave the schools a stylized appearance.

Linda Vista had two schools that were built in the distinctly Moderne style. Montgomery MS had Moderne-influenced curved and horizontal scored walls at the central recessed main entry along Ulric street and horizontally scored exterior wall panels. The school's lack of ornamentation appears to be influenced by the International Style.[14] The central, recessed entries appear to be influenced by the federal Public Works Administration (PWA) Moderne style. Kit Carson Elementary School was also a Moderne style school in Linda Vista (**Figure 5**). The building incorporated a curved wall with glass block windows, sculptural panels sponsored by the federal Works Progress Administration (WPA), exterior fluting, and rectangular banks of windows. The other elementary school, Linda Vista, was characterized more by its classical features than any Moderne details.[15]

Schools from this time period also were typically designed with interior circulation corridors and classroom entries. The typical school plans were for one-story, elongated buildings and an auditorium-cafeteria built higher than the classrooms. Kit Carson Elementary School's U-shaped plan, two-story height, and prominent sculptural panels helped the building retain the "civic

[13] "Wulff and Fifield," *Modern San Diego*

[14] San Diego Unified School District, *Modern San Diego Public School Development* (San Diego: San Diego Unified School District, 2015), 7.

[15] San Diego Unified School District, *Modern San Diego Public School Development* (San Diego: San Diego Unified School District, 2015), 7.

monumental character" of earlier large school buildings.[16] Montgomery MS also had a U-shaped plan and two-story height to give it a civic monumental character.



John Muir School Project / 160537.10

SOURCE: San Diego History Center

Figure 5
Kit Carson Elementary School, 1943

Mid-Century Modern Style Architecture (1945-1960)

The Mid-Century Modern style was also characterized by an emphasis on indoor-outdoor design. After WWII, new suburban subdivisions provided large sites for schools and architects would spread out many buildings across the site.[17] Circulation was through open-air corridors covered by eave overhangs and sheltering canopies. Landscaping between buildings and along circulation paths became an important design element.[18] Local architect Clyde Hufbauer designed many Postwar schools and buildings in San Diego in the Mid-Century Modern style, including the

16 San Diego Unified School District, *Modern San Diego Public School Development* (San Diego: San Diego Unified School District, 2015), 10.

17 San Diego Unified School District, *Modern San Diego Public School Development* (San Diego: San Diego Unified School District, 2015), 10.

18 San Diego Unified School District, *Modern San Diego Public School Development* (San Diego: San Diego Unified School District, 2015), 11.

auditorium at Montgomery MS. He designed buildings with ample windows, smooth surfaces, low-pitched gabled, shed, or butterfly roofs, and entries sheltered by broadly projecting overhangs. School designs by Hufbauer and other architects displayed International style influences in cubic volumes, flat roofs, parapets, cantilevered elements, and large window walls at lobbies and entries. Other Modern styles, such as Contemporary, Post-and-Beam, and Futurist-Googie styles, were seen architectural elements of exposed rafters, colored wall panels, and folded plate walls in classrooms and school office buildings.[19]

Regulatory Framework

Historical resources fall within the jurisdiction of the federal, state, and local designation programs. Federal laws provide the framework for the identification, and in certain instances, protection of historical resources. Additionally, state and local jurisdictions play active roles in the identification, documentation, and protection of such resources within their communities. The National Historic Preservation Act (NHPA) of 1966, as amended and the California Public Resources Code (PRC), Section 5024.1, are the primary federal and state laws and regulations governing the evaluation and significance of historical resources of national, state, regional, and local importance. Descriptions of these relevant laws and regulations are presented below. Because the District is the lead agency, the local designation programs are not applicable and therefore the subject property was not evaluated against the City's Historical Resources Register criteria.

Federal

NHPA of 1966

The principal federal law addressing historic properties is the National Historic Preservation Act (NHPA), as amended (54 United States Code of Laws [USC] 300101 et seq.), and its implementing regulations (36 CFR Part 800). Section 106 requires a federal agency with jurisdiction over a proposed federal action (referred to as an "undertaking" under the NHPA) to take into account the effects of the undertaking on historic properties, and to provide the Advisory Council on Historic Preservation (ACHP) an opportunity to comment on the undertaking.

The term "historic properties" refers to "any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register" (36 CFR Part 800.16(*l*)(1)). The implementing regulations (36 CFR Part 800) describe the process for identifying and evaluating historic properties, assessing the potential adverse effects of federal undertakings on historic properties, and seeking to develop measures to avoid, minimize, or mitigate adverse effects. The Section 106 process does not require the preservation of historic properties; instead, it is a procedural requirement mandating that federal agencies take into account effects to historic properties from an undertaking prior to approval.

[19] San Diego Unified School District, *Modern San Diego Public School Development* (San Diego: San Diego Unified School District, 2015), 15.

The steps of the Section 106 process are accomplished through consultation with the State Historic Preservation Officer (SHPO), federally-recognized Indian tribes, local governments, and other interested parties. The goal of consultation is to identify potentially affected historic properties, assess effects to such properties, and seek ways to avoid, minimize, or mitigate any adverse effects on such properties. The agency also must provide an opportunity for public involvement (36 CFR 800.1(a)). Consultation with Indian tribes regarding issues related to Section 106 and other authorities (such as NEPA and Executive Order No. 13007) must recognize the government-to-government relationship between the Federal government and Indian tribes, as set forth in Executive Order 13175, 65 FR 87249 (Nov. 9, 2000), and Presidential Memorandum of Nov. 5, 2009.

National Register of Historic Places

The National Register of Historic Places (National Register) was established by the NHPA of 1966, as "an authoritative guide to be used by federal, State, and local governments, private groups and citizens to identify the Nation's historic resources and to indicate what properties should be considered for protection from destruction or impairment" (36 CFR 60.2) (U.S. Department of the Interior, 2002). The National Register recognizes a broad range of cultural resources that are significant at the national, state, and local levels and can include districts, buildings, structures, objects, prehistoric archaeological sites, historic-period archaeological sites, traditional cultural properties, and cultural landscapes. As noted above, a resource that is listed in or eligible for listing in the National Register is considered "historic property" under Section 106 of the NHPA.

To be eligible for listing in the National Register, a property must be significant in American history, architecture, archaeology, engineering, or culture. Properties of potential significance must meet one or more of the following four established criteria:

A. Are associated with events that have made a significant contribution to the broad patterns of our history;

B. Are associated with the lives of persons significant in our past;

C. Embody the distinctive characteristics of a type, period, or method of construction or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or

D. Have yielded, or may be likely to yield, information important in prehistory or history.

In addition to meeting one or more of the criteria of significance, a property must have integrity. Integrity is defined as "the ability of a property to convey its significance" (U.S. Department of the Interior, 2002). The National Register recognizes seven qualities that, in various combinations, define integrity. The seven factors that define integrity are location, design, setting, materials, workmanship, feeling, and association. To retain historic integrity a property must possess several, and usually most, of these seven aspects. Thus, the retention of the specific aspects of integrity is paramount for a property to convey its significance.

Ordinarily religious properties, moved properties, birthplaces or graves, cemeteries, reconstructed properties, commemorative properties, and properties that have achieved significance within the past 50 years are not considered eligible for the National Register unless they meet at least one of the four significance criteria listed above, one of the Criteria Considerations (A-G), in addition to meeting at least one of the and possessing integrity (U.S. Department of the Interior, 2002).

State

California Environmental Quality Act

CEQA is the principal statute governing environmental review of projects occurring in the state and is codified at *Public Resources Code (PRC) Section 21000 et seq.* CEQA requires lead agencies to determine if a proposed project would have a significant effect on the environment, including significant effects on historical or unique archaeological resources. Under CEQA (Section 21084.1), a project that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment.

The *CEQA Guidelines* (Title 14 California Code of Regulations [CCR] Section 15064.5) recognize that historical resources include: (1) a resource listed in, or determined to be eligible by the State Historical Resources Commission, for listing in the California Register of Historical Resources (California Register); (2) a resource included in a local register of historical resources, as defined in PRC Section 5020.1(k) or identified as significant in a historical resource survey meeting the requirements of PRC Section 5024.1(g); and (3) any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California by the lead agency, provided the lead agency's determination is supported by substantial evidence in light of the whole record. The fact that a resource does not meet the three criteria outlined above does not preclude the lead agency from determining that the resource may be an historical resource as defined in PRC Sections 5020.1(j) or 5024.1.

If a lead agency determines that an archaeological site is a historical resource, the provisions of Section 21084.1 of CEQA and Section 15064.5 of the *CEQA Guidelines* apply. If an archaeological site does not meet the criteria for a historical resource contained in the *CEQA Guidelines*, then the site may be treated in accordance with the provisions of Section 21083, which is as a unique archaeological resource. As defined in Section 21083.2 of CEQA a "unique" archaeological resource is an archaeological artifact, object, or site, about which it can be clearly demonstrated that without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:

- Contains information needed to answer important scientific research questions and there is a demonstrable public interest in that information;
- Has a special and particular quality such as being the oldest of its type or the best available example of its type; or,
- Is directly associated with a scientifically recognized important prehistoric or historic event or person.

If an archaeological site meets the criteria for a unique archaeological resource as defined in Section 21083.2, then the site is to be treated in accordance with the provisions of Section 21083.2, which state that if the lead agency determines that a project would have a significant effect on unique archaeological resources, the lead agency may require reasonable efforts be made to permit any or all of these resources to be preserved in place (Section 21083.1(a)). If preservation in place is not feasible, mitigation measures shall be required. The *CEQA Guidelines* note that if an archaeological resource is neither a unique archaeological nor a historical resource, the effects of the project on those resources shall not be considered a significant effect on the environment (*CEQA Guidelines* Section 15064.5(c)(4)).

A significant effect under CEQA would occur if a project results in a substantial adverse change in the significance of a historical resource as defined in *CEQA Guidelines* Section 15064.5(a). Substantial adverse change is defined as "physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of a historical resource would be materially impaired" (*CEQA Guidelines* Section 15064.5(b)(1)). According to *CEQA Guidelines* Section 15064.5(b)(2), the significance of a historical resource is materially impaired when a project demolishes or materially alters in an adverse manner those physical characteristics that:

A. Convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register; or

B. Account for its inclusion in a local register of historical resources pursuant to section 5020.1(k) of the Public Resources Code or its identification in a historical resources survey meeting the requirements of section 5024.1(g) of the Public Resources Code, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or

C. Convey its historical significance and that justify its eligibility for inclusion in the California Register as determined by a Lead Agency for purposes of CEQA.

In general, a project that complies with the SOI Standards (Weeks and Grimer, 1995) is considered to have mitigated its impacts to historical resources to a less-than-significant level (*CEQA Guidelines* Section 15064.5(b)(3)).

California Register of Historical Resources

The California Register is "an authoritative listing and guide to be used by State and local agencies, private groups, and citizens in identifying the existing historical resources of the State and to indicate which resources deserve to be protected, to the extent prudent and feasible, from substantial adverse change" (PRC Section 5024.1[a]). The criteria for eligibility for the California Register are based upon National Register criteria (PRC Section 5024.1[b]). Certain resources are determined by the statute to be automatically included in the California Register, including California properties formally determined eligible for, or listed in, the National Register.

To be eligible for the California Register, a prehistoric or historic-period property must be significant at the local, state, and/or federal level under one or more of the following four criteria:

1. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;
2. Is associated with the lives of persons important in our past;
3. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or
4. Has yielded, or may be likely to yield, information important in prehistory or history.

A resource eligible for the California Register must meet one of the criteria of significance described above, and retain enough of its historic character or appearance (integrity) to be recognizable as a historical resource and to convey the reason for its significance. It is possible that a historic resource may not retain sufficient integrity to meet the criteria for listing in the National Register, but it may still be eligible for listing in the California Register.

Additionally, the California Register consists of resources that are listed automatically and those that must be nominated through an application and public hearing process. The California Register automatically includes the following:

- California properties listed on the National Register and those formally determined eligible for the National Register;
- California Registered Historical Landmarks from No. 770 onward; and,
- Those California Points of Historical Interest that have been evaluated by the OHP and have been recommended to the State Historical Commission for inclusion on the California Register.

Other resources that may be nominated to the California Register include:

- Historical resources with a significance rating of Category 3 through 5 (those properties identified as eligible for listing in the National Register, the California Register, and/or a local jurisdiction register);
- Individual historical resources;
- Historical resources contributing to historic districts; and,
- Historical resources designated or listed as local landmarks, or designated under any local ordinance, such as an historic preservation overlay zone.

Archival Research

South Central Coastal Information Center Records Search

A cultural resources records search was conducted at the South Coastal Information Center (SCIC) at San Diego State University on October 19th, 2018. The records search included the footprint of the school campus and a 0.5-mile radius. The SCIC houses the pertinent archaeological and historic site and survey information necessary to determine whether cultural

resources are known to exist within the project area. The records search included a review of all recorded historic built environment sites and the California Historical Resources Information System (CHRIS) (which includes the National Register, the California Register, California Historical Landmarks, California Points of Historical Interest, and various local historical registers). ESA also reviewed the City's inventory of historic properties (San Diego Register of Designated Historical Resources).

The results of the records search indicated that, although nine individual surveys were conducted in the vicinity, no eligible resources appear to be located within a half-mile radius of the subject property. A list of these reports is included in **Table 1** below.

TABLE 1
HISTORICAL RESOURCE INVESTIGATIONS WITHIN A HALF-MILE RADIUS OF JOHN MUIR SCHOOL

Report No.	Other IDs	Year	Author(s)	Title	Affiliation
SD-07620	NADB-R - 1127620; Voided - HOLSON 02	2001	John Holson	Archaeological Survey and Record Search For It – San Diego Project	Pacific Legacy, Inc.
SD-11823	NADB-R - 1131823; Voided - KICKM01	2007	Kick, Maureen S.	Cultural Resources Technical Report for the San Diego Vegetation Management Project	URS
SD-11826	NADB-R - 1131826; Voided - ROBBINS255	2008	Robbins-Wade, Mary	Archaeological Resources Analysis for the Master Stormwater System Maintenance Program, San Diego, California, Project No. 42891	Affinis
SD-11887	NADB-R - 1131887; Voided - BONNEW191	2008	Bonner Wayne H. and Sarah Williams	Cultural Resources Records Search and Site Visit Results for T-Mobile Candidate SD06628A (Mt Herbert R.O.W) at the Southeast Intersection of Mount Herbert Avenue and Genessee Avenue, San Diego, San Diego County, California	Michael Brandman Associates
SD-12119	NADB-R - 1132119; Voided - COOKJ122	2006	Cook, John R.	Cultural Resources Study for the Proposed Tecolote Canyon Long-Term Maintenance and Access Project and the Proposed Tecolote Canyon Wetlands Mitigation Project	ASM Affiliates
SD-12200	NADB-R - 1132200; Voided - CITYSD1081	2009	Herrmann, Myra	Draft Environmental Impact Report for the Master Stormwater System Maintenance Program (MSWSMP)	City of San Diego Development Services Department
SD-12422	NADB-R - 1132422; Voided - NIGHAS68	2001	Ni Ghabhlain, Sinead and Drew Pallette	A Cultural Resources Inventory for the Route Realignment of the Proposed PF.Net/AT&T Fiber Optics Conduit Oceanside to San Diego, California	ASM Affiliates
SD-13006	NADB-R - 1133006; Voided - ROBBINS316	2011	Robbins-Wade, Mary	Master Stormwater System Maintenance Program	Affinis
SD-13962	NADB-R - 1133962; Voided - ROBBINS361	2004	Robbins-Wade, Mary	Archaeological Resources Report, Tecolote Canyon Natural Park, San Diego California	Affinis

Previous Evaluations of John Muir School

The subject property has not been previously evaluated. As a result, it is not listed in the State of California Historic Resources Inventory (HRI) for the City of San Diego and is not listed in either the National or California Registers. Concurrently, the educational facility is not locally designated as a San Diego Historical Resource. While the community has not been formally surveyed and evaluated, the campus does not appear to be situated within a designated historic district.

Additional Research

ESA conducted site-specific research on the educational facility utilizing the following sources: building permits, City directories, plans and aerial photographs from the District archives, historical photographs and articles from the San Diego History Center, historical *San Diego Union*, *San Diego Tribune*, and *Evening Tribune* at the University of California, San Diego Library, historical *Los Angeles Times*, San Diego Central Library, City of San Diego Development Services, San Diego County Assessor, the California Historical Resources Inventory Database, and other published sources.

Historic maps and aerial photographs were examined to provide historical information about John Muir School and the land uses surrounding the campus. Historic aerial photographs taken in 1952, 1962, 1969, 1975, and 2000 were examined.

As-built architectural drawings obtained from the District provide information on how the facility was originally constructed. These plans are dated November 21st, 1960 and are kept on file at the District. There were no building permits available for the campus.

Architectural Resources Survey

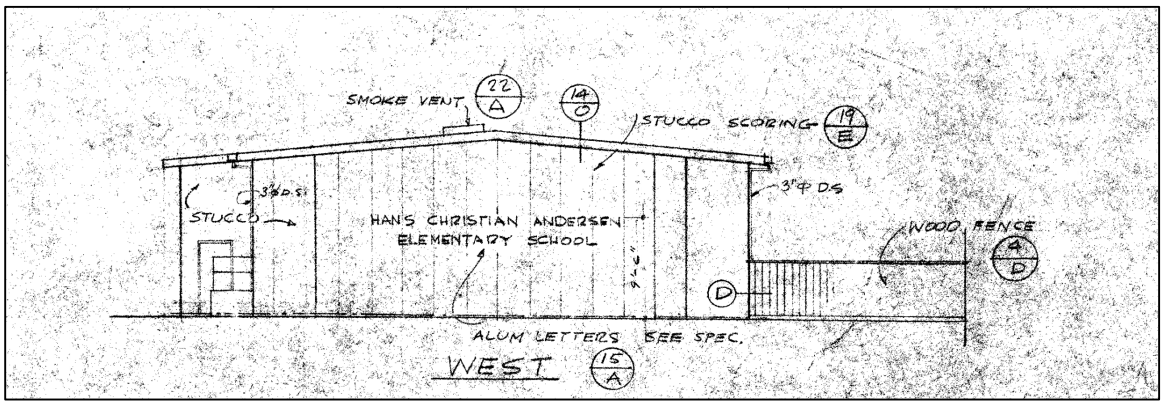
A historic architectural resources survey of the John Muir School was conducted by ESA Managing Architectural Historian Joel Levanetz, M.A., AICP on October 24, 2018. Detailed notes and digital photographs were taken and the survey work utilized the survey methodology of the State Office of Historic Preservation (OHP). John Muir School was documented on California Department of Parks and Recreation (DPR) 523 form (**Appendix B**).

Description of Surveyed Resources

The campus of John Muir School consists of six permanent buildings clustered toward the northwest end of an irregularly shaped parcel. The moving south through the campus, the property largely includes paved open space used as recreational grounds for the students. Further south of the campus boundary is the Mount Etna Neighborhood Park, a community recreational area that includes three baseball fields and playground equipment. Landscaping at the subject property is limited to the parcel perimeter and modest courtyards.

Assembly/Cafeteria Building

The Assembly/Cafeteria Building is located near the northeast corner of the campus and serves as the primary entryway from the main parking lot. Similar to the other buildings on campus, the Assembly/Cafeteria Building has a low-pitched roof, front gable design with no visible fenestration from the pedestrian right-of-way. Since this structure houses a modest auditorium, it features a slightly higher profile than the other campus buildings. Notably, the Assembly/Cafeteria Building has undergone numerous alterations since its initial construction. These include several non-historic period additions to the rear and secondary elevations, the installation of substantial air handling equipment to the roof and the reconfigurations of fenestration as well as egress patterns that resulted in infill to wall surfaces. Adjacent to a pronounced addition to the building are period-appropriate letters that read, "John Muir School." Since the facility was originally the Hans Christian Andersen Elementary School, the lettering is an alteration as well (**Figures 6** and **7**). The exterior space between the Assembly/Cafeteria Building and the Administration Building is a courtyard with a tree peering through an opening near the center of the overhang (**Figure 8**).



John Muir School Project / 160537.01

SOURCE : SDUSD, 2018

Figure 6
Assembly/Cafeteria Building As-Built Drawing, 1960
Note Aluminum Lettering.



John Muir School Project / 160537.01

SOURCE : ESA, 2018

Figure 7
Assembly/Cafeteria Building Lettering, View west.



John Muir School Project / 160537.01

SOURCE : SDUSD, 2018

Figure 8
View east of courtyard between the Assembly/Cafeteria Building and Administration Building.

Administration Building

The Administration Building is a one-story, rectangular-plan building covered by a flat roof covered with pea gravel for protection. While it lacks architectural distinction, the building's style suggests a utilitarian approach to the Modern style common to many post-war school designs. The height and massing of the Administration Building has been impacted by the installation of air handling equipment and conduit. This fact is emphasized by the subject property being sunk below the street level which creates a visual narrative between the observer and the various roofs of the campus buildings **(Figure 9).** Its reinforced concrete walls are covered by smooth plaster. Beneath a cantilevered overhang is an open-air walkway along the east elevation of the building. The east elevation of the building includes several bays of metal slider windows interrupted by unornamented metal doors that allow access to the office spaces within. The west elevation of the Administration Building shares this understated pattern of entrances and fenestration. However, the overhang above the walkway is much more shallow and the courtyard beyond is uncovered.



John Muir School Project / 160537.01

SOURCE : SDUSD, 2018

Figure 9
View southwest of the Administration Building from the public right-of-way.

Classroom Buildings 1 and 2

Along the western perimeter of the courtyard created by the Administration Building to the east is Classroom Building 1. This building shares nearly an identical architectural style and layout as Classroom Building 2 on the other side of a courtyard further west. Both have low-pitched front gabled roofs covered by pea gravel and interrupted by substantial non-historic period air-handling equipment. On both Classroom Buildings, open air walkways extend beneath cantilevered overhangs along the east and west elevations of the two buildings **(Figures 10 and 11)**. Perhaps the most notable difference between these two otherwise indistinguishable and mundane Moderne-style structures are the two sets of doors and metal slider windows installed at the north elevation of Classroom Building 1 to the east. Here Classroom Building 2 has only a blank smooth plaster wall along its north elevation.



John Muir School Project / 160537.01

SOURCE : SDUSD, 2018

Figure 10
View of courtyard between the Administration Building and Classroom Building 1.



John Muir School Project / 160537.01

SOURCE : SDUSD, 2018

Figure 11
View of courtyard between Classroom Building 1 and Classroom Building 2.

Library

A long row of seven non-historic period modular buildings stretch from the southwest elevation of Classroom Building 2 along Mount Herbert Avenue. However, from the public right-of-way the Library Building is distinctly present. As noted above, the structure deviates from the architectural language shared by the rest of the campus. Here, the Library features a stylized hipped roof with large triangular dormers at the east and west elevations, a moderate triangular dormer window at the north elevations and two smaller triangular dormers at the south elevations. Along with the non-historic period modular buildings, the Library represents a significant alteration to the overall built environment profile of the campus (**Figure 12).**



John Muir School Project / 160537.01

SOURCE : ESA, 2018

Figure 12
View of Non-historic period modular structures with 2008 Library Building beyond.

Eligibility Assessment

In order to qualify for eligibility, John Muir School must possess significance under one or more of the applicable National Register and California Register criteria and retain sufficient integrity to convey its historical significance.

Significance Evaluation

ESA evaluated John Muir School for potential eligibility for listing in the National Register and California Register as a historic district. The subject property was evaluated against the following historical and architectural themes: The Development of Clairemont Mesa; the District; John Muir School; Moderne Style Architecture (1930-1945); and Mid-Century Modern Style Architecture (1945-1960).

Criterion A/1: Events

John Muir School, originally named Hans Christian Andersen Elementary School, is associated with San Diego's post WWII residential growth and suburban expansion. The subdivision was initially recorded in 1950 and, as a result, placed the focus of mid-century development along the northern reaches of the previous metropolitan border. In formulating a plan for their 1000 acres of former cattle grazing land, real estate developers Lou Burgener and Carlos Tavares hired promising local architects to help create an appealing design to draw potential buyers and consumers. Some of the names that gained renowned in part from their work in the Clairemont are include Sim Bruce Richards, Robert J. Platt, Robert Des Lauriers, and Lloyd Pietrantonio Ruocco. Although the Clairemont neighborhood generally benefited from its historical association with a group of architects that would eventually be recognized for their contributions to design, the subject property, with its muted expression of modernism fails to attain a requisite level of significance under Criterion A/1.

Criterion B/2: Significant Persons

John Muir School does not appear to satisfy National Register Criterion B or California Register Criterion 2 for eligibility related to a historic personage. John Muir School is not identified with the productive life of significant individual District teachers, principals, administrators, students, or any other persons important in our past.

Criterion C/3: Design/Construction

The collections of buildings that constitute John Muir School appears ineligible for consideration as either a historic district or as individual historic properties under National Register Criterion C as well as historical resources under California Register Criterion 3. While the structures generally share an architectural articulation with their modest massing, low-pitch roofs, outdoor corridors, and outdoor courtyards, the property as a whole and the buildings individually fail to embody a level of significance to meet eligibility requirements for local, state or national registers. The buildings constituting the post-WWII are not distinctive examples of Mid-Century Modern style architecture. Rather they are vernacular and utilitarian classroom buildings built to economically accommodate the increased student population. Also, while the John Muir School was designed by Wulff and Fifield, a firm who designed other educational facilities in the area, the design elements presented at the subject property are not considered notable examples of their work and are not distinctive examples of the Mid-Century Modern style.

Criterion D/4: Data Potential

John Muir School is not likely to yield any information important to prehistory or history. Therefore, the subject property does not meet the above criterion.

Integrity Analysis

The National Register and California Register recognizes a property's integrity through seven aspects or qualities: location, design, setting, materials, workmanship, feeling, and association. Eligible properties should retain several, if not most, of these aspects. Both registers require that a resource retain sufficient integrity to convey its significance, and the property must retain the essential physical features that enable it to convey its historical identity. Integrity is based on significance and understanding why a property is important. National Register Bulletin 15 states that “only after significance is fully established can you proceed to the issue of integrity” (U.S. Department of the Interior 2002).

As described within the text above, John Muir School represents an indistinct, subdued approach the Moderne architectural style as applied to public educational facilities. Although the original building population essentially retain their intended footprint from the 1960 design, several recent and significant changes to the property have since undermined the school’s integrity.

Since the physical structures were not relocated since their original construction, the subject property retains its integrity of location. Despite this fact, research has failed to indicate any historical significance associated with the location of the property. However, given the notable and numerous alterations made across the campus, including its change from the Hans Christian

Andersen Elementary School in the 1960s to John Muir School in 2006, the historical integrity of design, setting, materials, workmanship, feeling, and association has been irreversibly altered.

Findings and Conclusions

ESA evaluated John Muir School for potential eligibility for listing in the National Register of Historic Places (National Register) and California Register of Historical Resources (California Register) as a historic district. As a result of ESA's research and survey investigations, John Muir School is recommended ineligible as either an NRHP or CRHR as a historic district. The campus is a late addition to the Clairemont Mesa neighborhood that lacks association with a distinct event or personages that might qualify the property as a historical resource. Additionally, the facility's design fails to embody the significance of a type, period or method of construction that would warrant a determination of eligibility. Lastly, none of the buildings on campus appear to rise to the threshold of individual distinction to be individually eligible for the National Register or California Register on their own historical or architectural merits.

Bibliography

"Clarence 'Clyde' Hufbauer," http://www.modernsandiego.com/Hufbauer.html. Accessed August 9, 2017.

Garrick, David. "School Partnership Bringing More Parks to San Diego," *The San Diego Union Tribune*, March 24, 2017.

Gebhard, David and Robert Winter. *An Architectural Guidebook to Los Angeles*. Los Angeles: Gibbs Smith, 2009.

Killory, Christine. "Temporary Suburbs," *The Journal of San Diego History* 39, no. 1 & 2, Spring 1993.

Koyl, George S., ed. American Architects Directory. New York, NY: R. R. Bowker, 1956.

———. American Architects Directory. New York, NY: R. R. Bowker, 1962.

———. American Architects Directory. New York, NY: R. R. Bowker, 1970.

National Park Service. National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation. Washington DC: U.S. Dept. of the Interior, National Park Service, Interagency Resources Division, 1990, rev. 1991.

———. *National Register Bulletin 16: Guidelines for Completing National Register Forms*. Washington, D.C.: U.S. Dept. of the Interior, National Park Service, 1986.

Nelson, Lee H. *Preservation Brief 17: Architectural Character—Identifying the Visual Aspects of Historic Buildings as an Aid to Preserving their Character*, National Park Service, September 1988, http://www.nps.gov/tps/how-to-preserve/briefs/17-architectural character.htm, accessed June 4, 2015.

Office of Historic Preservation. Instructions for Recording Historical Resources. March 1995.

———. California Historic Resources Inventory, Survey Workbook (excerpts). Sacramento, CA: State of California, 1986.

———. Directory of Properties in the Historic Property Data File for Los Angeles County. August 15, 2011.

Parker, Patricia L. National Register Bulletin 24, Guidelines for Local Surveys: A Basis for Preservation Planning. Washington, DC: U.S. Government Printing Office, 1985.

Philip R. Pryde, ed. *San Diego: An Introduction to the Region*. Dubuque: Kendall/Hunt Publishing Company, 1984.

"Rites Dedicate Eight-Room Unit at Kearny High," *San Diego Union*, April 27, 1945: 8-A.

"Robert Rice Curtis (Architect)," http://pcad.lib.washington.edu/person/672/, accessed August 8, 2017.

"School Board Sets Tentative $8,785,840 Budget with U.S. Aid." *San Diego Union*, June 25, 1941, 12-B.

Showley, Roger M. "After 50 years, Kearny High has a host of cherish memories," *The San Diego Union*, September 1, 1991: D-3.

Appendix A
Preparers' Qualifications



Margarita Jerabek, PhD

Historic Resources Director

EDUCATION

Ph.D., Art History, University of California, Los Angeles

M.A., Architectural History, School of Architecture, University of Virginia

Certificate of Historic Preservation, School of Architecture, University of Virginia

B.A., Art History, Oberlin College

30 YEARS EXPERIENCE

AWARDS

2014 Preservation Award, The Dunbar Hotel, L.A. Conservancy

2014 Westside Prize, The Dunbar Hotel, Westside Urban Forum

2014Design Award: Tongva Park & Ken Genser Square, Westside Urban Forum

2012 California Preservation Foundation Award, RMS Queen Mary Conservation Management Plan, California Preservation Foundation

PROFESSIONAL AFFILIATIONS

California Preservation Foundation

Santa Monica Conservancy

Los Angeles Conservancy

Society of Architectural Historians

National Trust for Historic Preservation Leadership Forum

American Institute of Architects (AIA), National Allied Member

Margarita Jerabek has 30 years of professional practice in the United States with an extensive background in historic preservation, architectural history, art history and decorative arts, and historical archaeology. She specializes in Visual Art and Culture, 19th-20th Century American Architecture, Modern and Contemporary Architecture, Architectural Theory and Criticism, Urbanism, and Cultural Landscape, and is a regional expert on Southern California architecture. Her qualifications and experience meet and exceed the Secretary of the Interior's Professional Qualification Standards in History, Archaeology, and Architectural History. Margarita has managed and conducted a wide range of technical studies in support of environmental compliance projects, developed preservation and conservation plans, and implemented preservation treatment projects for public and private clients in California and throughout the United States.

Relevant Experience

Margarita has prepared a broad range of environmental documentation and conducted preservation projects throughout the Los Angeles metropolitan area and Southern California. She provides expert assistance to public agencies and private clients in environmental review, from due diligence through planning/design review and permitting and when necessary, implements mitigation and preservation treatment measures on behalf of her clients. As primary investigator and author of hundreds of technical reports, plan review documents, preservation and conservation plans, HABS/HAER/HALS reports, construction monitoring reports, salvage reports and relocation plans, she is a highly experienced practitioner and expert in addressing historical resources issues while supporting and balancing project goals.

She is an expert in the evaluation, management and treatment of historic properties for compliance with Sections 106 and 110 of the NHPA, NEPA, Section 4(f) of the Department of Transportation Act, CEQA, and local ordinances and planning requirements. Margarita regularly performs assessments to ensure conformance with the Secretary of the Interior's Standards for the Treatment of Historic Properties, and assists clients with adaptive reuse/rehabilitation projects by providing preservation design and treatment consultation, agency coordination, legally defensible documentation, construction monitoring and conservation treatment.

Margarita is a regional expert on Southern California architecture. She has prepared a broad range of environmental documentation and conducted preservation projects throughout the Los Angeles metropolitan area as well as in Ventura, Orange, Riverside, San Bernardino and San Diego counties. Beyond her technical skill, she is a highly experienced project manager with broad national experience throughout the United States. She currently manages PCR's on-call preservation services with the City of Santa Monica, County of San Bernardino Department of Public Works, City of Hermosa Beach, Los Angeles Unified School District, and Long Beach Unified School District.



JOEL LEVANETZ, M.A., AICP, RPA

Managing Architectural Historian

EDUCATION

M.A., Public History and Teaching, University of San Diego, 2008

B.S., Anthropology and Archaeology, University of Wisconsin-Madison, 2004

15 YEARS EXPERIENCE

CERTIFICATIONS/ REGISTRATION/ EDUCATION

Registered Professional Archaeologist

PROFESSIONAL AFFILIATIONS

American Institute of Certified Planners

American Planning Association

National Trust for Historic Preservation

California Preservation Foundation

Mr. Levanetz is a Secretary of Interior Professional Qualified Archaeologist, Historian and Architectural Historian. Mr. Levanetz has 15 years of experience specializing in projects involving cultural and historic resource assessments, Historic American Building Survey (HABS)/Historic American Engineering Record (HAER)/Historic American Landscape Survey (HALS) documentation, and DPR 523 series form preparation.

Mr. Levanetz has overseen projects that range in scale and complexity. As project manager, Mr. Levanetz has coordinated surveys, supervised staff and subcontractors, provided quality control for data collection and technical report writing, interacted with regulatory agency personnel, maintained client communications, tracked budgets, met crucial project deadlines and established strong networks through business development.

Mr. Levanetz has a detailed understanding of relevant regulations and ordinances that affect cultural resources and historic properties, such as Sections 106 and 110 of National Historic Preservation Act (NHPA), the National Environmental Protection Act (NEPA), the California Environmental Quality Act (CEQA), and the Secretary of Interior Standards for the Treatment of Historic Properties. He has completed numerous impacts assessments and determinations of eligibility across a range of administrative levels including local, state, and National Register of Historic Places (NRHP). Among the agencies served by Mr. Levanetz are the California Department of Transportation (Caltrans), Federal Rail Administration (FRA), California High Speed Rail Authority, Federal Highway Administration, Department of Defense (DOD), Federal Emergency Management Agency (FEMA), Bureau of Land Management (BLM), National Park Service (NPS), California Energy Commission (CEC), Federal Communications Commission (FCC), Federal Aviation Administration (FAA), Department of Housing and Urban Development (HUD) and the General Services Administration (GSA).



EDUCATION

MSc Historic Conservation, Oxford Brookes University

BA, European Studies, Brigham Young University

2 YEARS OF EXPERIENCE

PROFESSIONAL AFFILIATIONS

The Society for the Protection of Ancient Buildings

Historic England

National Trust for Places of Historic Interest or Natural Beauty

Hanna Winzenried

Architectural Historian

Hanna is an architectural historian intern with 3 years of academic and professional experience performing building conservation, historic research, and field surveys and conducting plan reviews for conformance with local regulations and ordinances. She has 1.5 years of experience with the City of Los Angeles, Department of Planning, in the Office of Historic Resources Historic Preservation Overlay Zones (HPOZ) Unit. Her experience and education both in California and abroad have given her a wide set of interdisciplinary skills, including strong technical and research skills.

Relevant Experience

9120 W. Olympic Boulevard Preliminary Assessment and Character Defining Features Analysis for the Harkham Hillel Hebrew Academy, Beverly Hills, CA. *Contributor.* ESA prepared a Phase I Historic Resources Assessment for the modernist educational building at 9120 W. Olympic Boulevard. The purpose of the report is to identify and evaluate potential historic resources. The subject property was built in 1963 as the largest Jewish day school. It was built in the Modernist architectural style by the renowned architect Sydney Eisenshtate. The Academy enrollment has outgrown the existing space, and the school is looking for a way to expand its square footage. Hanna is performing research and assisting in the preparation of the reports.

Universal Hilton Environmental Impacts Report and Historic Resources Technical Report for 555 W Universal Terrace Parkway, Los Angeles, CA. *Contributor.* ESA prepared an Environmental Impacts Report including a Historic Resources Technical Report. The Universal Hilton Hotel was designed by master architect, William L. Pereira in 1983 in the postmodern style. The hotel was designed to accommodate visitors to the Universal Theme Parks. The hotel management wants to expand the number of rooms by building a large addition. Hanna is performing research and assisting in the preparation of the report.

361 Myrtle Street Peer Review Letter for the residence at 361 Myrtle Street, Glendale, CA. *Contributor.* ESA prepared a peer review letter to conduct a peer review of previous historic resource evaluations and analyze potential cumulative impacts of the demolition for the property at 361 Myrtle Street. Previous evaluations and the impact of demolishing the residence were reviewed and analyzed. Hanna is performing research and assisting with the preparation of the report.

Appendix B
DPR Form

State of California ☐ The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #____
HRI #
Trinomial
NRHP Status Code 6Z
Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 **of** 8 ***Resource Name or #:** (Assigned by recorder) Muir At Anderson School
P1. Other Identifier: _____
***P2. Location:** ☐ **Not for Publication** ☒ **Unrestricted**
***a. County** San Diego **and** (P2c, P2e, and P2b or P2d. Attach a Location Map as necessary.)
***b. USGS 7.5' Quad** _____ **Date** _____ **T** __; **R** ___; __ ☐ **of** __ ☐ **of Sec** __; ____**B.M.**
c. Address 4431 Mount Herbert Avenue City San Diego Zip 92117
d. UTM: (Give more than one for large and/or linear resources) Zone __, _____ mE/ _____ mN
e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, decimal degrees, etc., as appropriate)
APN: 3612-900-400

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)
The campus of John Muir School consists of six permanent buildings clustered toward the northwest end of an irregularly shaped parcel. The moving south through the campus, the property largely includes paved open space used as recreational grounds for the students. Further south of the campus boundary is the Mount Etna Neighborhood Park, a community recreational area that includes three baseball fields and playground equipment. Landscaping at the subject property is limited to the parcel perimeter and modest courtyards. [See Continuation Sheets]

***P3b. Resource Attributes:** (List attributes and codes) HP15 (Educational Building)

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



***P4. Resources Present:**
☒ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)
P5b. Description of Photo: (view, date, accession #) Overview of Muir at Anderson School Campus, 2018
***P6. Date Constructed/Age and Source:** ☒ Historic ☐ Prehistoric ☐ Both
1960/San Diego Unified School District
***P7. Owner and Address:**
San Diego Unified School District
Facilities Planning and Construction
4860 Ruffner Street
San Diego, CA 92111
***P8. Recorded by:** (Name, affiliation, and address) Hanna Winzenried
ESA
626 Wilshire Blvd., Suite 1100
Los Angeles, CA 90017
***P9. Date Recorded:** April, 2019
***P10. Survey Type:** (Describe)
Intensive Pedestrian

***P11. Report Citation**: (Cite survey report and other sources, or enter "none.")
ESA, Muir at Anderson School Whole Site Modernization, San Diego, California: Historic Resource Assessment, April 2019

***Attachments:** ☐NONE ☐Location Map ☒Continuation Sheet ☒Building, Structure, and Object Record
☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record
☐Artifact Record ☐Photograph Record ☐Other (List): _____

State of California The Resources Agency Primary # ______
DEPARTMENT OF PARKS AND RECREATION HRI# ______

BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** (Assigned by recorder) Muir At Anderson School ***NRHP Status Code** 6Z

Page 2 **of** 8

B1. Historic Name: ______
B2. Common Name: ______
B3. Original Use: Educational Building B4. Present Use: Educational Building
***B5. Architectural Style:** Moderne and Mid-Century Modern
***B6. Construction History:** (Construction date, alterations, and date of alterations)

A construction history of the subject property was developed using building permits on file with the City's Building and [See When the school opened its doors to the public in 1960 to serve as an educational facility, the institution was termed the Hans Christian Andersen Elementary School. Given the date that construction of the campus was originally completed, the facility represented a late arrival to the educational profile of the built environment already present throughout the Clairemont Mesa neighborhood. According to the As-Built drawings dated November 21st, 1960, the Hans Christian Andersen Elementary School consisted of a collection of five individual structures. These included the Assembly/Cafeteria Building, the Administration Building, Classroom Building 1, Classroom Building 2 and the Kindergarten Building. Continuation Sheets]

***B7. Moved?** ☒**No** ☐**Yes** ☐**Unknown** **Date:** ______ **Original Location:** ______
***B8. Related Features:**

B9a. Architect: ______ **b. Builder**: ______
***B10. Significance: Theme** The Development of Clairemont Mesa; the District; John Muir School; Moderne Style Architecture (1930-1945); and Mid-Century Modern Style Architecture (1945-1960). **Area** Clairemont
Period of Significance 1960 **Property Type** Single-Family Residential **Applicable Criteria** ______
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

ESA evaluated John Muir School for potential eligibility for listing in the National Register and California Register as a historic district. The subject property was evaluated against the following historical and architectural themes: The Development of Clairemont Mesa; the District; John Muir School; Moderne Style Architecture (1930-1945); and Mid-Century Modern Style Architecture (1945-1960).

[See Continuation Sheets]

B11. Additional Resource Attributes: (List attributes and codes) ______
***B12. References:**
[See Continuation Sheets]

B13. Remarks:

***B14. Evaluator:** Hanna Winzenried
***Date of Evaluation:** April 2019

(This space reserved for official comments.)

(Sketch Map with north arrow required.)



*P3a. Description (continued):

Assembly/Cafeteria Building

The Assembly/Cafeteria Building is located near the northeast corner of the campus and serves as the primary entryway from the main parking lot. Similar to the other buildings on campus, the Assembly/Cafeteria Building has a low-pitched roof, front gable design with no visible fenestration from the pedestrian right-of-way. Since this structure houses a modest auditorium, it features a slightly higher profile than the other campus buildings. Notably, the Assembly/Cafeteria Building has undergone numerous alterations since its initial construction. These include several non-historic period additions to the rear and secondary elevations, the installation of substantial air handling equipment to the roof and the reconfigurations of fenestration as well as egress patterns that resulted in infill to wall surfaces. Adjacent to a pronounced addition to the building are period-appropriate letters that read, "John Muir School." Since the facility was originally the Hans Christian Andersen Elementary School, the lettering is an alteration as well. The exterior space between the Assembly/Cafeteria Building and the Administration Building is a courtyard with a tree peering through an opening near the center of the overhang.

Administration Building

The Administration Building is a one-story, rectangular-plan building covered by a flat roof covered with pea gravel for protection. While it lacks architectural distinction, the building's style suggests a utilitarian approach to the Modern style common to many post-war school designs. The height and massing of the Administration Building has been impacted by the installation of air handling equipment and conduit. This fact is emphasized by the subject property being sunk below the street level which creates a visual narrative between the observer and the various roofs of the campus buildings**.** Its reinforced concrete walls are covered by smooth plaster. Beneath a cantilevered overhang is an open-air walkway along the east elevation of the building. The east elevation of the building includes several bays of metal slider windows interrupted by unornamented metal doors that allow access to the office spaces within. The west elevation of the Administration Building shares this understated pattern of entrances and fenestration. However, the overhang above the walkway is much more shallow and the courtyard beyond is uncovered.

Classroom Buildings 1 and 2

Along the western perimeter of the courtyard created by the Administration Building to the east is Classroom Building 1. This building shares nearly an identical architectural style and layout as Classroom Building 2 on the other side of a courtyard further west. Both have low-pitched front gabled roofs covered by pea gravel and interrupted by substantial non-historic period air-handling equipment. On both Classroom Buildings, open air walkways extend beneath cantilevered overhangs along the east and

west elevations of the two buildings. Perhaps the most notable difference between these two otherwise indistinguishable and mundane Moderne-style structures are the two sets of doors and metal slider windows installed at the north elevation of Classroom Building 1 to the east. Here Classroom Building 2 has only a blank smooth plaster wall along its north elevation.

Library

A long row of seven non-historic period modular buildings stretch from the southwest elevation of Classroom Building 2 along Mount Herbert Avenue. However, from the public right-of-way the Library Building is distinctly present. As noted above, the structure deviates from the architectural language shared by the rest of the campus. Here, the Library features a stylized hipped roof with large triangular dormers at the east and west elevations, a moderate triangular dormer window at the north elevations and two smaller triangular dormers at the south elevations. Along with the non-historic period modular buildings, the Library represents a significant alteration to the overall built environment profile of the campus**.**

*B6. Construction History (continued):

Similar to the current layout of the campus, the original design of the property included the Assembly/Cafeteria Building situated near the northeast corner of the lot near the intersection of Mount Herbert Avenue and Mount Etna Drive. Continuing southwest along Mount Herbert Drive was then the Administration Building, Classroom Building 1 and Classroom Building 2. The one structure that does not conform to this systematic row of educational structures was the Kindergarten Building. This component of the campus was more diminutive in scale and was built recessed to the east behind the Assembly/Cafeteria Building in closer proximity to Mount Etna Drive to the north than Mount Herbert Avenues similar to the remainder of the campus buildings.

It should be noted that, although at the time of this writing, official permit history documentation was not available, according to historic aerials, these initial five structures retain the same footprint and many of the design elements originally intended for their appearance. However, as demonstrated through research and field observations, a number of significant alterations to the fabric of the educational facility have undermined the campus dramatically. As noted in the San Diego City Schools board meeting minutes dated March 8, 2005, the governing body was contemplating a suitable alternative location for the John Muir School of Humanistic Studies previously located within leased space at the San Diego Mesa College Facility. Among the locations being considered were the former Andersen and Decatur Elementary School sites. Despite the higher cost estimated for renovations, the subject property was chosen and re-opened as John Muir School at the start of the school year in 2005.

In Spring of 2009, the District described the transition as follows:

> *Muir's new site was built as an elementary school in the 1960s. Before we moved in, in the fall of 2005, the school was freshly painted and cleaned, and the office was updated for the latest technology. New playground equipment that meets state and federal safety regulations and new athletic courts were added. Muir retains the charming original landscaping, enriched by student*

projects like the kindergarten tree (part of the science curriculum) and gardens for edible produce maintained by science and the AVID classes. Students, as part of their study of global civilization, have learned the importance of keeping the site clean and free of litter. Their efforts are aided by one full-time and one part-time custodian.

Our school has received additional upgrades thanks to Proposition MM and other funding. In 2006, a bus turn-around area was added. A new permanent library, a lunch court, and science classrooms are currently under construction. In addition, the data network will be updated and access for the physically disabled will be improved...

The final paragraph of the description provided by the District represents the period of the most significant alterations for the recently renamed John Muir School. As noted above, a range of modifications were made across the interior and exterior spaces of the campus buildings. Perhaps most notably is the permanent library recessed from Mount Herbert Avenue near the southwest corner of the property. Although the library building serves as the terminus of the row of educational buildings, the structure distinctively deviates from the architectural language shared by the rest of the campus. Rather than featuring the low-pitched, front-gabled design common across the subject property, the library building is articulated in a hipped roof with large triangular dormers at the east and west elevations, a moderate triangular dormer window at the north elevations and two smaller triangular dormers at the south elevations.

*B10. Significance (continued):

National Register and California Register

a. Broad Patterns of History

With regard to broad patterns of history, the following are the relevant criteria:

National Register Criterion A: Is associated with events that have made a significant contribution to the broad patterns of our history.

California Register Criterion 1: Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.

John Muir School, originally named Hans Christian Andersen Elementary School, is associated with San Diego's post WWII residential growth and suburban expansion. The subdivision was initially recorded in 1950 and, as a result, placed the focus of mid-century development along the northern reaches of the previous metropolitan border. In formulating a plan for their 1000 acres of former cattle grazing land, real estate developers Lou Burgener and Carlos Tavares hired promising local architects to help create an appealing design to draw potential buyers and consumers. Some of the names that gained renowned in part from their work in the Clairemont are include Sim Bruce Richards, Robert J. Platt, Robert Des Lauriers, and Lloyd Pietrantonio Ruocco. Although the Clairemont neighborhood generally benefited

from its historical association with a group of architects that would eventually be recognized for their contributions to design, the subject property, with its muted expression of modernism fails to attain a requisite level of significance under Criterion A/1.

b. Significant Persons

With regard to associations with important persons, the following are the relevant criteria:

National Register Criterion B: Is associated with the lives of persons significant in our past.

California Register Criterion 2: Is associated with the lives of persons important in our past.

John Muir School does not appear to satisfy National Register Criterion B or California Register Criterion 2 for eligibility related to a historic personage. John Muir School is not identified with the productive life of significant individual District teachers, principals, administrators, students, or any other persons important in our past.

c. Architecture

With regard to architecture, design, or construction, the following are the relevant criteria:

National Register Criterion C: Embodies the distinctive characteristics of a type, period, or method of construction or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction.

California Register Criterion 3: Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.

The collections of buildings that constitute John Muir School appears ineligible for consideration as either a historic district or as individual historic properties under National Register Criterion C as well as historical resources under California Register Criterion 3. While the structures generally share an architectural articulation with their modest massing, low-pitch roofs, outdoor corridors, and outdoor courtyards, the property as a whole and the buildings individually fail to embody a level of significance to meet eligibility requirements for local, state or national registers. The buildings constituting the post-WWII are not distinctive examples of Mid-Century Modern style architecture. Rather they are vernacular and utilitarian classroom buildings built to economically accommodate the increased student population. Also, while the John Muir School was designed by Wulff and Fifield, a firm who designed other educational facilities in the area, the design elements presented at the subject property are not considered notable examples of their work and are not distinctive examples of the Mid-Century Modern style.

d. Data

National Register Criterion D. It yields, or may be likely to yield, information important in prehistory or history.

California Register Criterion 4. Has yielded, or may be likely to yield, information important in prehistory or history.

John Muir School is not likely to yield any information important to prehistory or history. Therefore, the subject property does not meet the above criterion.

3. Integrity Analysis

The National Register and California Register recognizes a property's integrity through seven aspects or qualities: location, design, setting, materials, workmanship, feeling, and association. Eligible properties should retain several, if not most, of these aspects. Both registers require that a resource retain sufficient integrity to convey its significance, and the property must retain the essential physical features that enable it to convey its historical identity. Integrity is based on significance and understanding why a property is important. National Register Bulletin 15 states that "only after significance is fully established can you proceed to the issue of integrity" (U.S. Department of the Interior 2002).

As described within the text above, John Muir School represents an indistinct, subdued approach the Moderne architectural style as applied to public educational facilities. Although the original building population essentially retain their intended footprint from the 1960 design, several recent and significant changes to the property have since undermined the school's integrity.

Since the physical structures were not relocated since their original construction, the subject property retains its integrity of location. Despite this fact, research has failed to indicate any historical significance associated with the location of the property. However, given the notable and numerous alterations made across the campus, including its change from the Hans Christian Andersen Elementary School in the 1960s to John Muir School in 2006, the historical integrity of design, setting, materials, workmanship, feeling, and association has been irreversibly altered.

*B12. References (continued):

"Clarence 'Clyde' Hufbauer," http://www.modernsandiego.com/Hufbauer.html. Accessed August 9, 2017.

Garrick, David. "School Partnership Bringing More Parks to San Diego," *The San Diego Union Tribune*, March 24, 2017.

Gebhard, David and Robert Winter. *An Architectural Guidebook to Los Angeles*. Los Angeles: Gibbs Smith, 2009.

Killory, Christine. "Temporary Suburbs," *The Journal of San Diego History* 39, no. 1 & 2, Spring 1993.

Koyl, George S., ed. American Architects Directory. New York, NY: R. R. Bowker, 1956.

———. American Architects Directory. New York, NY: R. R. Bowker, 1962.

———. American Architects Directory. New York, NY: R. R. Bowker, 1970.

National Park Service. National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation. Washington DC: U.S. Dept. of the Interior, National Park Service, Interagency Resources Division, 1990, rev. 1991.

———. *National Register Bulletin 16: Guidelines for Completing National Register Forms*. Washington, D.C.: U.S. Dept. of the Interior, National Park Service, 1986.

Nelson, Lee H. *Preservation Brief 17: Architectural Character—Identifying the Visual Aspects of Historic Buildings as an Aid to Preserving their Character*, National Park Service, September 1988, http://www.nps.gov/tps/how-to-preserve/briefs/17-architectural character.htm, accessed June 4, 2015.

Office of Historic Preservation. Instructions for Recording Historical Resources. March 1995.

———. California Historic Resources Inventory, Survey Workbook (excerpts). Sacramento, CA: State of California, 1986.

———. Directory of Properties in the Historic Property Data File for Los Angeles County. August 15, 2011.

Parker, Patricia L. National Register Bulletin 24, Guidelines for Local Surveys: A Basis for Preservation Planning. Washington, DC: U.S. Government Printing Office, 1985.

Philip R. Pryde, ed. *San Diego: An Introduction to the Region*. Dubuque: Kendall/Hunt Publishing Company, 1984.

"Rites Dedicate Eight-Room Unit at Kearny High," *San Diego Union*, April 27, 1945: 8-A.

"Robert Rice Curtis (Architect)," http://pcad.lib.washington.edu/person/672/, accessed August 8, 2017.

"School Board Sets Tentative $8,785,840 Budget with U.S. Aid." *San Diego Union*, June 25, 1941, 12-B.

Showley, Roger M. "After 50 years, Kearny High has a host of cherish memories," *The San Diego Union*, September 1, 1991: D-3.

Appendix D
Energy Worksheets

ESA

Appendix D: Energy Demand and Conservation

Table of Contents

1. Construction Energy Demand and Fuel Consumption
2. Operational Energy Demand and Fuel Consumption
3. SDG&E Total Electricity and Natural Gas Sales for 2018

John Muir School
Construction Energy Analysis

Annual Fuel Summary

	Heavy-Duty Construction Equipment
60,433	Total Project Consumption
24,173	Annual Consumption
	Haul Trucks
1,631	Total Project Consumption
652	Annual Consumption
	Vendor Trucks
3,199	Total Project Consumption
1,280	Annual Consumption
	Workers
5,241	Total Project Consumption
2,096	Annual Consumption
4,830	Project Consumption of diesel for Haul Trucks and Vendors
1,932	Annual Consumption
65,262	Total Gallons Diesel
5,241	Total Gallons Gasoline

2.5	Estimated Project Construction Duration (years)
26,105	Annual Average Gallons Diesel
2,096	Annual Average Gallons Gasoline
26,105	Net Annual Average Gallons Diesel
2,096	Net Annual Average Gallons Gasoline

San Diego County			Percent of Annual Project Compared to Los Angeles County
Source	**Fuel Type**	**Gallons**	
Workers	Gasoline	1,377,000,000	0.00015%
Off-Road/Vendor/Haul Trucks	Diesel	210,000,000	0.012%

Notes:

1 Gasoline and diesel amounts from CEC, 2017. Available: https://www.energy.ca.gov/almanac/transportation_data/gasoline/2010-2017_A15_Results.xlsx

Annual Electricity Summary

Construction Water Energy Estimates	57,466	kWh/year
SDG&E Total (2018)	15,634,562,515	kWh/year
% of Total	0.0004%	

John Muir School
Construction Energy Analysis

Off-Road Equipment

Equipment ≤ 100 hp		
pounds diesel fuel/hp-hr (lb/hp-hr):[1]	0.408	lb/hp-hr
diesel density (lb/gal):[1]	7.11	lb/gal
diesel gallons/hp-hr:	0.0574	gal/hp-hr
Total <100	744,733	hp-hr
Total diesel gallons:	42,742	gal
Equipment > 100 hp		
pounds diesel fuel/hp-hr (lb/hp-hr):[1]	0.367	lb/hp-hr
diesel density (lb/gal):[1]	7.11	lb/gal
diesel gallons/hp-hr:	0.0516	gal/hp-hr
Total >100	342,664	hp-hr
Total diesel gallons:	17,690	gal
Total diesel gallons (off-road equipment):	**60,433**	**gal**

1. OFFROAD2017 Emission Factor Documentation

Phase	Construction Phase	Equipment	Number	Hours/Day	HP	Load	Days	Total hp-hr
1	Architectural Coating	Air Compressors	1	6	78	0.48	10	2,246
1	Building Construction	Cranes	1	8	231	0.29	220	117,902
1	Building Construction	Forklifts	2	7	89	0.2	220	54,824
1	Building Construction	Generator Sets	1	8	84	0.74	220	109,402
1	Building Construction	Tractors/Loaders/Backhoes	1	6	97	0.37	220	47,375
1	Building Construction	Welders	3	8	46	0.45	220	109,296
1	Demolition	Concrete/Industrial Saws	1	8	81	0.73	30	14,191
1	Demolition	Rubber Tired Dozers	1	8	247	0.4	30	23,712
1	Demolition	Tractors/Loaders/Backhoes	3	8	97	0.37	30	25,841
1	Grading	Graders	1	8	187	0.41	6	3,680
1	Grading	Rubber Tired Dozers	1	8	247	0.4	6	4,742
1	Grading	Tractors/Loaders/Backhoes	2	7	97	0.37	6	3,015
1	Paving	Cement and Mortar Mixers	1	8	9	0.56	10	403
1	Paving	Pavers	1	8	130	0.42	10	4,368
1	Paving	Paving Equipment	1	8	132	0.36	10	3,802
1	Paving	Rollers	2	8	80	0.38	10	4,864
1	Paving	Tractors/Loaders/Backhoes	1	8	97	0.37	10	2,871
1	Site Preparation	Graders	1	8	187	0.41	3	1,840
1	Site Preparation	Scrapers	1	8	367	0.48	3	4,228
1	Site Preparation	Tractors/Loaders/Backhoes	1	7	97	0.37	3	754

2	Architectural Coating	Air Compressors	1	6	78	0.48	5	1,123
2	Building Construction	Cranes	1	6	231	0.29	150	60,291
2	Building Construction	Forklifts	1	6	89	0.2	150	16,020
2	Building Construction	Generator Sets	1	8	84	0.74	150	74,592
2	Building Construction	Tractors/Loaders/Backhoes	1	6	97	0.37	150	32,301
2	Building Construction	Welders	3	8	46	0.45	150	74,520
2	Demolition	Concrete/Industrial Saws	1	8	81	0.73	30	14,191
2	Demolition	Rubber Tired Dozers	1	8	247	0.4	30	23,712
2	Demolition	Tractors/Loaders/Backhoes	3	8	97	0.37	30	25,841
2	Grading	Graders	1	6	187	0.41	6	2,760
2	Grading	Rubber Tired Dozers	1	6	247	0.4	6	3,557
2	Grading	Tractors/Loaders/Backhoes	1	7	97	0.37	6	1,507
2	Paving	Cement and Mortar Mixers	1	6	9	0.56	5	151
2	Paving	Pavers	1	6	130	0.42	5	1,638
2	Paving	Paving Equipment	1	8	132	0.36	5	1,901
2	Paving	Rollers	1	7	80	0.38	5	1,064
2	Paving	Tractors/Loaders/Backhoes	1	8	97	0.37	5	1,436
3	Demolition	Concrete/Industrial Saws	1	8	81	0.73	90	42,574
3	Demolition	Rubber Tired Dozers	1	8	247	0.4	90	71,136
3	Demolition	Tractors/Loaders/Backhoes	3	8	97	0.37	90	77,522
3	Grading	Graders	1	6	187	0.41	6	2,760
3	Grading	Rubber Tired Dozers	1	6	247	0.4	6	3,557
3	Grading	Tractors/Loaders/Backhoes	1	7	97	0.37	6	1,507
3	Paving	Cement and Mortar Mixers	1	6	9	0.56	10	302
3	Paving	Pavers	1	6	130	0.42	10	3,276
3	Paving	Paving Equipment	1	8	132	0.36	10	3,802
3	Paving	Rollers	1	7	80	0.38	10	2,128
3	Paving	Tractors/Loaders/Backhoes	1	8	97	0.37	10	2,871
							Total >100	342,664
							Total <100	744,733

John Muir School
Construction Energy Analysis

On-Road Vendor Trucks

			miles/gallon
	0.0957	gallons/mile	10.5
	30,498	miles	
Total VMT diesel gallons (on-road vendor trucks):	**2,917**		
			Estimated Fuel Savings from
EMFAC2014 Diesel Fuel Consumption Factor:[2]	0.7645	gallons/hour	*Anti-Idling Regulation (64 percent based on*
Total Haul Truck Idle-Hours per Year:	368	hours	*estimated CARB emissions reductions):* [3]
Total Idling diesel gallons (on-road haul trucks):	**282**		*782*
Total diesel gallons (on-road haul trucks):	**3,199**	gal	

California Air Resources Board, EMFAC2014 (South Coast Air Basin; HHDT and MHDT; Annual; CY 2017; Aggregate MY; Aggregate Speed)

California Air Resources Board, EMFAC2014 (South Coast Air Basin; HHDT and MHDT; Annual; CY 2017; Aggregate MY; 5 miles per hour converted to hourly rate)

Source: California Air Resources Board (CARB), 2004. Staff Report: Initial Statement of Reasons for Proposed Rulemaking, Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling, Appendix F, July 2004, https://www.arb.ca.gov/regact/idling/idling.htm, accessed November 2016.

Phase	Construction Phase	Days	Total One-Way Trips	Miles/Trip	VMT	Idle Hours
1	Demolition	20	0	6.9	-	-
1	Site Preparation	3	0	6.9	-	-
1	Grading	6	0	6.9	-	-
1	Building Construction	220	16	6.9	24,288	293
1	Paving	10	0	6.9	-	-
1	Architectural Coating	10	0	6.9	-	-
2	Demolition	30	0	6.9	-	-
2	Grading	6	0	6.9	-	-
2	Building Construction	150	6	6.9	6,210	75
2	Paving	5	0	6.9	-	-
2	Architectural Coating	5	0	6.9	-	-
3	Demolition	90	0	6.9	-	-
3	Grading	6	0	6.9	-	-
3	Paving	10	0	6.9	-	-
				Total Vendor Truck VMT:	30,498	
				Total Idle-Hours:		368

John Muir School
Construction Energy Analysis

On-Road Workers (LDA, LDT1, LDT2)

EMFAC2014 Gasoline Fuel Consumption Factor:[1]	0.0360	gallons/mile	miles/gallon
Total Worker VMT:	145,692	miles	27.8
Total VMT gasoline gallons (workers):	**5,241**		

California Air Resources Board, EMFAC2014 (South Coast Air Basin; LDA, LDT1, LDT2; CY 2017; Aggregate MY; Aggregate Speed)

Phase	Worker Trips	Days	Total One-Way Trips	Miles/Trip	VMT
1	Demolition	20	13	10.8	2,808
1	Site Preparation	3	8	10.8	259
1	Grading	6	10	10.8	648
1	Building Construction	220	40	10.8	95,040
1	Paving	10	15	10.8	1,620
1	Architectural Coating	10	8	10.8	864
2	Demolition	30	13	10.8	4,212
2	Grading	6	8	10.8	518
2	Building Construction	150	15	10.8	24,300
2	Paving	5	13	10.8	702
2	Architectural Coating	5	3	10.8	162
3	Demolition	90	13	10.8	12,636
3	Grading	6	8	10.8	518
3	Paving	10	13	10.8	1,404
				Total Worker VMT:	**145,692**

John Muir School
Construction Energy Analysis

On-Road Haul Trucks

	0.1913	gallons/mile	miles/gallon	
	8,440	miles	5.23	
Total VMT diesel gallons (on-road haul trucks):	**1,614**			
				Estimated Fuel Savings from
EMFAC2014 Diesel Fuel Consumption Factor:[2]	0.9563	gallons/hour		*Anti-Idling Regulation (64 percent based on*
Total Haul Truck Idle-Hours per Year:	18	hours		*estimated CARB emissions reductions):* [3]
Total Idling diesel gallons (on-road haul trucks):	**17**			*47*
Total diesel gallons (on-road haul trucks):	**1,631**	gal		

California Air Resources Board, EMFAC2014 (South Coast Air Basin; T7 Single Construction; Annual; CY 2017; Aggregate MY; Aggregate Speed)

California Air Resources Board, EMFAC2014 (South Coast Air Basin; T7 Single Construction; Annual; CY 2017; Aggregate MY; 5 miles per hour converted to hourly rate)

Source: California Air Resources Board (CARB), 2004. Staff Report: Initial Statement of Reasons for Proposed Rulemaking, Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling, Appendix F, July 2004, https://www.arb.ca.gov/regact/idling/idling.htm, accessed November 2016.

Phase	Construction Phase	Total One-Way Trips	Miles/Trip	VMT	Idle Hours
1	Demolition	84	20	3,360	7
1	Site Preparation	0	20	0	0
1	Grading	0	20	0	0
1	Building Construction	0	20	0	0
1	Paving	0	20.0	0	0
1	Architectural Coating	0	20.0	0	0
2	Demolition	60	20.0	2,400	5
2	Grading	0	20.0	0	0
2	Building Construction	0	20.0	0	0
2	Paving	0	20.0	0	0
2	Architectural Coating	0	20.0	0	0
3	Demolition	67	20.0	2,680	6
3	Grading	0	20.0	0	0
3	Paving	0	20.0	0	0
			Total Haul Truck VMT:	8,440	
			Total Idle-Hours:		18

John Muir School
Construction Energy Analysis

Construction Water Energy Estimates

Source	Construction Water Use per Day (Mgal)	Total Construction Water Use (Mgal)	Total Electricity Demand from water Demand (kWh)	Annual Electricity Demand from water Demand (kWh)
Project	0.014	11.033	143,664	57,466
CalEEMod Water Electricity Factors	**Electricity Intensity Factor To Supply (kWh/Mgal)**	**Electricity Intensity Factor To Treat (kWh/Mgal)**	**Electricity Intensity Factor To Distribute (kWh/Mgal)**	**Electricity Intensity Factor For Wastewater Treatment (kWh/Mgal)**
Project	9727	111	1272	1911

Sources:

Electricity Intensity Factors - California Emissions Estimator Model (CalEEMod).

Estimated construction water use assumed to be generally equivalent to landscape irrigation, based on a factor of 20.94 gallons per year per square foot of landscaped area within the Los Angeles area (Mediterranean climate), which assumes high water demand landscaping materials and an irrigation system efficiency of 85%. Factor is therefore (20.94 GAL/SF/year) x (43,560 SF/acre) / (365 days/year) / (0.85) = 2,940 gallons/acre/day, rounded up to 3,000 gallons/acre/day. (U.S. Department of Energy, Energy Efficiency & Renewable Energy, Federal Energy Management Program. “Guidelines for Estimating Unmetered Landscaping Water Use." July 2010. Page 12, Table 4 - Annual Irrigation Factor – Landscaped Areas with High Water Requirements).

This tool provides a quick estimation of the fuel use and emissions for your equipment in a specific year. The results may slightly differ from those from the official inventory model.

Instructions:

Enter the horsepwer, model year, and other details about your equipment in the Input box.

Make sure to update the ***load factor*** for your equipment using the lookup table.

The ***Output*** box gives a quick estimation of the fuel use, NOx, PM, and THC emission for your equipment.

Input	Input Engine Here
Horsepower (hp)	120
Model year Calendar year	2011 2015
Activity (annual hours)	250
Accumulated hours on equipment (estimate using annual-hours*age if you only know the age of the equipment)	1000
Load factor (check the lookup table)	0.2

Results	
Fuel Used (gallon)	310
NOx Emissions (kg) PM Emissions (kg)	15.4 0.7
THC Emissions (kg)	0.7
CO2 Emissions (kg)	3162.6
NOx Emission Factor (including deterioration and fuel correction factor): gram/bhp-hr	2.57
PM Emission Factor (including deterioration and fuel correction factor): gram/bhp-hr	0.12
THC Emission Factor (including deterioration and fuel correction factor): gram/ bhp-hr	0.11

Intermediate steps	
HPbin	175
NOx_EF0	2.67
NOx_DR	3.5E-05
NOx_FCF	0.950
PM_EF0	0.12
PM_DR	8.6E-06
PM_FCF	0.90
THC_EF0	0.10
THC_DR	2.5E-05
THC_FCF	0.90
NOx_EF (g/hp-hr)	2.57
PM_EF (g/hp-hr)	0.12
THC_EF (g/hp-hr)	0.11
CO2_EF (kg/gallon-diesel)*	10.21
BSFC (lb/hp-hr)	0.367
Unit conversion (lb/gallon)	7.109

*Reference: www.epa.gov/sites/production/files/2015-07/documents/emission-factors_2014.pdf

Loac Factor Lookup Table

Equipment Category	Equipment Type	Details	Load Factor
Agriculture equipment	Agricultural tractors		0.48
	Combine harvesters		0.44
	Forage & silage harvesters		0.44
	Cotton pickers		0.44
	Nut harvester		0.44
	Other harvesters		0.44
	Balers (self propelled)		0.50
	Bale wagons (self propelled)		0.50
	Swathers/windrowers/hay conditioners		0.48
	Hay Squeeze/Stack retriever		0.42
	Sprayers/Spray rigs		0.42
	Construction equipment		0.40
	Other non-mobile		0.48
	Forklifts		0.40
	Atvs		0.40
	Others		0.40
Portable equipment	All portable equipment		0.31
Cargo Handling Equipment	Construction equipment		0.55
	Container handling equipment		0.59
	Forklift		0.30
	Other general industrial equipment		0.51
	Rtg crane		0.20
	Yard tractor		0.39
Transport Refrigeration Units (TRU)	TRU on trailers	25 HP and over, MY2012 and Older	0.46
	TRU on trailers	25 HP and over, MY2013 and Newer	0.38
	TRU on trailers	23 HP and Over, below 25 HP, All years	0.46
	TRU on trucks	Below 23 HP, All Model years	0.56
	TRU on railcars	25 HP and over, MY2012 and Older	0.33
	TRU on railcars	25 HP and over, MY2013 and Newer	0.27
	TRU on railcars	Below 25 HP, All Model years	0.33
	TRU with generators	25 HP and over, MY2012 and Older	0.46
	TRU with generators	25 HP and Over, MY2013 and Newer	0.38
	TRU with generators	23 HP and Over, below 25 HP, All Model Years	0.46
Ground Support Equipment	Passenger Stand		0.40
	A/C Tug Narrow Body		0.54
	A/C Tug Wide Body		0.54
	Baggage Tug		0.37
	Belt Loader		0.34
	Bobtail		0.37
	Cargo Loader		0.34
	Cargo Tractor		0.36
	Forklift (GSE)		0.20
	Lift (GSE)		0.34
	Other GSE		0.34
Construction and Industrial Equipment	Cranes		0.29
	Crawler Tractors		0.43
	Excavators		0.38
	Graders		0.41
	Off-Highway Tractors		0.44
	Off-Highway Trucks		0.38
	Other Construction Equipment		0.42
	Pavers		0.42
	Paving Equipment		0.36
	Rollers		0.38
	Rough Terrain Forklifts		0.40
	Rubber Tired Dozers		0.40
	Rubber Tired Loaders		0.36
	Scrapers		0.48
	Skid Steer Loaders		0.37
	Surfacing Equipment		0.30
	Tractors/Loaders/Backhoes		0.37
	Trenchers		0.50
	Aerial Lifts		0.31
	Forklifts		0.20
	Other General Industrial Equipment		0.34
	Other Material Handling Equipment		0.40
	Sweepers/Scrubbers		0.46
Oil and Drill Rigs	Drill Rig (Mobile)		0.50
	Workover Rig (Mobile)		0.50
	Bore/Drill Rigs		0.50

EMFAC2017 (v1.0.2) Emissions Inventory
Region Type: County
Region: SAN DIEGO
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

VMT	ısumption (	Annual VMT	Annual Fuel Consumption (gals)
1412714	135135	515,640,696.20	49,324,349.77
gal/mi			
0.095656			

Region	Calendar Yı	Vehicle Cat	Model Yea	Speed	Fuel	VMT	Fuel Consumption
SAN DIEGC	2020	HHDT	Aggregatec	Aggregated	GAS	1996.634505	0.512469
SAN DIEGC	2020	HHDT	Aggregatec	Aggregated	DSL	1832999.056	296.8261
SAN DIEGC	2020	HHDT	Aggregatec	Aggregated	NG	30816.14015	12.76764
SAN DIEGC	2020	LDA	Aggregatec	Aggregated	GAS	53431842.7	1797.977
SAN DIEGC	2020	LDA	Aggregatec	Aggregated	DSL	614670.2246	13.82067
SAN DIEGC	2020	LDA	Aggregatec	Aggregated	ELEC	849126.6793	0
SAN DIEGC	2020	LDT1	Aggregatec	Aggregated	GAS	5889125.742	235.1715
SAN DIEGC	2020	LDT1	Aggregatec	Aggregated	DSL	2463.952243	0.110218
SAN DIEGC	2020	LDT1	Aggregatec	Aggregated	ELEC	17133.51522	0
SAN DIEGC	2020	LDT2	Aggregatec	Aggregated	GAS	18096266.68	791.7467
SAN DIEGC	2020	LDT2	Aggregatec	Aggregated	DSL	112909.6531	3.458711
SAN DIEGC	2020	LDT2	Aggregatec	Aggregated	ELEC	78796.12434	0
SAN DIEGC	2020	LHDT1	Aggregatec	Aggregated	GAS	1308635.81	157.9165
SAN DIEGC	2020	LHDT1	Aggregatec	Aggregated	DSL	1175504.17	65.87354
SAN DIEGC	2020	LHDT2	Aggregatec	Aggregated	GAS	195409.4395	26.96903
SAN DIEGC	2020	LHDT2	Aggregatec	Aggregated	DSL	410789.0237	25.7889
SAN DIEGC	2020	MCY	Aggregatec	Aggregated	GAS	659798.7747	18.08443
SAN DIEGC	2020	MDV	Aggregatec	Aggregated	GAS	11798102.27	621.6606
SAN DIEGC	2020	MDV	Aggregatec	Aggregated	DSL	290576.1884	11.70345
SAN DIEGC	2020	MDV	Aggregatec	Aggregated	ELEC	26122.32798	0
SAN DIEGC	2020	MH	Aggregatec	Aggregated	GAS	100810.5312	21.66205
SAN DIEGC	2020	MH	Aggregatec	Aggregated	DSL	35416.52883	3.695524
SAN DIEGC	2020	MHDT	Aggregatec	Aggregated	GAS	195204.5338	41.57062
SAN DIEGC	2020	MHDT	Aggregatec	Aggregated	DSL	1122138.048	123.4318
SAN DIEGC	2020	OBUS	Aggregatec	Aggregated	GAS	67147.07267	14.49114
SAN DIEGC	2020	OBUS	Aggregatec	Aggregated	DSL	53431.99212	7.339972
SAN DIEGC	2020	SBUS	Aggregatec	Aggregated	GAS	11222.00672	1.213164
SAN DIEGC	2020	SBUS	Aggregatec	Aggregated	DSL	75332.85966	9.58077
SAN DIEGC	2020	UBUS	Aggregatec	Aggregated	GAS	39098.4161	7.243802
SAN DIEGC	2020	UBUS	Aggregatec	Aggregated	DSL	2628.078835	0.555483
SAN DIEGC	2020	UBUS	Aggregatec	Aggregated	NG	109590.6686	28.62554

EMFAC2017 (v1.0.2) Emissions Inventory

Region Type: County
Region: SAN DIEGO
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2011 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Haul Trucks (T7 Single Construction)				
VMT		Fuel Consumption (gal/day)	Annual VMT	Annual Fuel Consumption
	76902	14708	28,069,062	5,368,552
	gal/mi			
	0.191262252			

Workers (LDA,LDT1, LDT2)			
VMT	Fuel Consumption (gal/day)	Annual VMT	Annual Fuel Consumption
79013539	2842285	28,839,941,789	1,037,433,888
gal/mi			
0.0360			

Region	Calendar Ye	Vehicle Category	Model Yea	Speed	Fuel	VMT	Fuel Consumption
SAN DIEGO	2020	All Other Buses	Aggregatec	Aggregated	DSL	29485.27198	3.446820719
SAN DIEGO	2020	LDA	Aggregatec	Aggregated	GAS	53431842.7	1797.976779
SAN DIEGO	2020	LDA	Aggregatec	Aggregated	DSL	614670.2246	13.82067361
SAN DIEGO	2020	LDA	Aggregatec	Aggregated	ELEC	849126.6793	0
SAN DIEGO	2020	LDT1	Aggregatec	Aggregated	GAS	5889125.742	235.1715444
SAN DIEGO	2020	LDT1	Aggregatec	Aggregated	DSL	2463.952243	0.110218259
SAN DIEGO	2020	LDT1	Aggregatec	Aggregated	ELEC	17133.51522	0
SAN DIEGO	2020	LDT2	Aggregatec	Aggregated	GAS	18096266.68	791.7466996
SAN DIEGO	2020	LDT2	Aggregatec	Aggregated	DSL	112909.6531	3.458711152
SAN DIEGO	2020	LDT2	Aggregatec	Aggregated	ELEC	78796.12434	0
SAN DIEGO	2020	LHD1	Aggregatec	Aggregated	GAS	1308635.81	157.916549
SAN DIEGO	2020	LHD1	Aggregatec	Aggregated	DSL	1175504.17	65.8735366
SAN DIEGO	2020	LHD2	Aggregatec	Aggregated	GAS	195409.4395	26.96903099
SAN DIEGO	2020	LHD2	Aggregatec	Aggregated	DSL	410789.0237	25.78890113
SAN DIEGO	2020	MCY	Aggregatec	Aggregated	GAS	659798.7747	18.08443051
SAN DIEGO	2020	MDV	Aggregatec	Aggregated	GAS	11798102.27	621.6605794
SAN DIEGO	2020	MDV	Aggregatec	Aggregated	DSL	290576.1884	11.7034523
SAN DIEGO	2020	MDV	Aggregatec	Aggregated	ELEC	26122.32798	0
SAN DIEGO	2020	MH	Aggregatec	Aggregated	GAS	100810.5312	21.66204892
SAN DIEGO	2020	MH	Aggregatec	Aggregated	DSL	35416.52883	3.695523514
SAN DIEGO	2020	Motor Coach	Aggregatec	Aggregated	DSL	23946.72014	3.893151405
SAN DIEGO	2020	OBUS	Aggregatec	Aggregated	GAS	67147.07267	14.49113552
SAN DIEGO	2020	PTO	Aggregatec	Aggregated	DSL	26998.82176	5.702802051
SAN DIEGO	2020	SBUS	Aggregatec	Aggregated	GAS	11222.00672	1.213163646
SAN DIEGO	2020	SBUS	Aggregatec	Aggregated	DSL	75332.85966	9.580770365
SAN DIEGO	2020	T6 Ag	Aggregatec	Aggregated	DSL	424.2340519	0.047422816
SAN DIEGO	2020	T6 CAIRP heavy	Aggregatec	Aggregated	DSL	16380.12291	1.518779565
SAN DIEGO	2020	T6 CAIRP small	Aggregatec	Aggregated	DSL	2327.482689	0.228493016
SAN DIEGO	2020	T6 instate construction heavy	Aggregatec	Aggregated	DSL	43154.8233	5.447079125
SAN DIEGO	2020	T6 instate construction small	Aggregatec	Aggregated	DSL	112870.3652	14.17125294
SAN DIEGO	2020	T6 instate heavy	Aggregatec	Aggregated	DSL	370814.2143	38.42598153
SAN DIEGO	2020	T6 instate small	Aggregatec	Aggregated	DSL	523210.0131	56.80603168
SAN DIEGO	2020	T6 OOS heavy	Aggregatec	Aggregated	DSL	9428.75273	0.873618393
SAN DIEGO	2020	T6 OOS small	Aggregatec	Aggregated	DSL	1341.42863	0.131806263
SAN DIEGO	2020	T6 Public	Aggregatec	Aggregated	DSL	36936.85711	5.174045864
SAN DIEGO	2020	T6 utility	Aggregatec	Aggregated	DSL	5249.753858	0.607241363
SAN DIEGO	2020	T6TS	Aggregatec	Aggregated	GAS	195204.5338	41.57062483
SAN DIEGO	2020	T7 Ag	Aggregatec	Aggregated	DSL	255.784239	0.044265011
SAN DIEGO	2020	T7 CAIRP	Aggregatec	Aggregated	DSL	327143.2642	49.76341782
SAN DIEGO	2020	T7 CAIRP construction	Aggregatec	Aggregated	DSL	30998.48445	5.481493994
SAN DIEGO	2020	T7 NNOOS	Aggregatec	Aggregated	DSL	398811.8687	58.9283554
SAN DIEGO	2020	T7 NOOS	Aggregatec	Aggregated	DSL	128530.4223	20.00499118
SAN DIEGO	2020	T7 other port	Aggregatec	Aggregated	DSL	82672.70002	15.36936387
SAN DIEGO	2020	T7 POLA	Aggregatec	Aggregated	DSL	27497.39659	5.351699812
SAN DIEGO	2020	T7 Public	Aggregatec	Aggregated	DSL	29982.85144	5.990040079
SAN DIEGO	2020	T7 Single	Aggregatec	Aggregated	DSL	135971.463	23.14854336
SAN DIEGO	2020	T7 single construction	Aggregatec	Aggregated	DSL	76901.53837	14.70836138
SAN DIEGO	2020	T7 SWCV	Aggregatec	Aggregated	DSL	27968.69677	12.61284862
SAN DIEGO	2020	T7 SWCV	Aggregatec	Aggregated	NG	30816.14015	12.76763706
SAN DIEGO	2020	T7 tractor	Aggregatec	Aggregated	DSL	473298.431	67.08091711
SAN DIEGO	2020	T7 tractor construction	Aggregatec	Aggregated	DSL	63436.99868	12.1879921
SAN DIEGO	2020	T7 utility	Aggregatec	Aggregated	DSL	2530.334841	0.451050595
SAN DIEGO	2020	T7IS	Aggregatec	Aggregated	GAS	1996.634505	0.512469279
SAN DIEGO	2020	UBUS	Aggregatec	Aggregated	GAS	39098.4161	7.243801944
SAN DIEGO	2020	UBUS	Aggregatec	Aggregated	DSL	2628.078835	0.555482686
SAN DIEGO	2020	UBUS	Aggregatec	Aggregated	NG	109590.6686	28.62554402

John Muir School
Operational Energy Summary

Electricity	Electricity Use (GWh)
Existing	
Building Energy	0.043
Water Heating and Conveyance	0.001
Subtotal	0.04
Proposed Project	
Building Energy	0.16
Water Heating and Conveyance	0.01
Total	**0.17**
Net Total	**0.12**
SDG&E Total	**15,635**
% of SDG&E	**0.001%**

Source: SDG&E, https://energydata.sdge.com/

Natural Gas	NG Use (million kBtu)
Existing	0.05
Proposed Project	0.14
Net Total	0.10
SDG&E Total (2018)	**81,707**
% of SoCalGas	**0.0001%**

Source: SDG&E, https://energydata.sdge.com/

Transportation Fuel	Gallons
Project	
Gasoline	55,979
Diesel	6,055
SD County Gasoline Use (2018)	**1,377,000,000**
% of Gas	**0.004%**
SD County Diesel Use (2018)	**210,200,000**
% of Diesel	**0.003%**

Source: California Energy Commission (CEC), California Annual Retail Fuel Outlet Report, 2017.

John Muir School
Operational Energy Analysis

Energy and VMT Estimates

Source	Natural Gas demand (million kBTU/yr)	Electricity demand (million kWh/yr)	Electricity demand from water demand (million kWh/yr)	Total Electricity Demand
Existing	0.048	0.04	0.001	0.044
Proposed Project	0.145	0.16	0.006	0.167
Net Total	0.097	0.12	0.005	0.123

Source	CalEEMod Indoor Water Use (Mgal/yr)	CalEEMod Outdoor Water Use (Mgal/yr)	Total Water Use (Mgal/yr)	Electricity Demand from water Demand (million kWh)
Existing	0.11	0.000	0.112	0.001
Proposed Project	0.49	0.000	0.492	0.006
Net Total	0.38	0.00	0.380	0.005

CalEEMod Water Electricity Factors	Electricity Intensity Factor To Supply (kWh/Mgal)	Electricity Intensity Factor To Treat (kWh/Mgal)	Electricity Intensity Factor To Distribute (kWh/Mgal)	Electricity Intensity Factor For Wastewater Treatment (kWh/Mgal)
Existing	9727	111	1272	1911

Source: California Emissions Estimator Model (CalEEMod).

John Muir School
Operational Energy Analysis
Existing Trips
Fuel Usage from VMT

Annual VMT (All): 1,545,043 miles/year

(With trip and VMT reductions from land use characteristics and proximity to public transit.)

Fuel Type:[1]	GAS	DSL	ELEC	
Percent:	94.37%	4.19%	1.36%	
Miles per Gallon Fuel:	26.05	10.70	-	
Annual VMT by Fuel Type :	1,458,032	64,805	21,067	miles/year
Annual Fuel Usage :	55,979	6,055	-	gal/year
Annual Fuel Savings from Electric Vehicles:[2]	-	-	809	gal/year (assumed to be gasoline)

Notes:

1. California Air Resources Board, EMFAC2014, South Coast Air Basin; 2018; Annual; All vehicle types; Aggregate model year; Aggregate speed). https://www.arb.ca.gov/emfac/2014/
2. Assumes electric vehicles would replace traditional gasoline-fueled vehicles.

EMFAC2017 (v1.0.2) Emissions Inventory
Region Type: County
Region: SAN DIEGO
Calendar Year: 2022
Season: Annual
Vehicle Classification: EMFAC2011 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	VMT	Trips	Fuel Consumption
SAN DIEGC	2022	All Other B	Aggregate	Aggregate	DSL	542.4283	29813.44	4556.398	3.315009
SAN DIEGC	2022	LDA	Aggregate	Aggregate	GAS	1435699	55007781	6783862	1756.768
SAN DIEGC	2022	LDA	Aggregate	Aggregate	DSL	17133.82	652152.3	80255.84	13.9869
SAN DIEGC	2022	LDA	Aggregate	Aggregate	ELEC	29615.72	1220434	147126.8	0
SAN DIEGC	2022	LDT1	Aggregate	Aggregate	GAS	169175.4	5914591	769447.3	225.5647
SAN DIEGC	2022	LDT1	Aggregate	Aggregate	DSL	113.2397	2054.346	373.3954	0.090314
SAN DIEGC	2022	LDT1	Aggregate	Aggregate	ELEC	971.2611	42156.16	4899.002	0
SAN DIEGC	2022	LDT2	Aggregate	Aggregate	GAS	488321.8	17717581	2269428	726.6298
SAN DIEGC	2022	LDT2	Aggregate	Aggregate	DSL	3092.947	128254	15116.12	3.722638
SAN DIEGC	2022	LDT2	Aggregate	Aggregate	ELEC	4120.808	138746.6	20868.27	0
SAN DIEGC	2022	LHD1	Aggregate	Aggregate	GAS	35010.02	1262247	521597.2	149.4573
SAN DIEGC	2022	LHD1	Aggregate	Aggregate	DSL	31841.31	1204731	400523.6	65.79515
SAN DIEGC	2022	LHD2	Aggregate	Aggregate	GAS	5418.126	196430.8	80722.01	26.59574
SAN DIEGC	2022	LHD2	Aggregate	Aggregate	DSL	11200.5	432523.1	140888.2	26.45016
SAN DIEGC	2022	MCY	Aggregate	Aggregate	GAS	79518.52	640833.4	159037	17.58111
SAN DIEGC	2022	MDV	Aggregate	Aggregate	GAS	321247.3	11505919	1477989	570.2023
SAN DIEGC	2022	MDV	Aggregate	Aggregate	DSL	7551.732	316244.9	36627.42	12.05508
SAN DIEGC	2022	MDV	Aggregate	Aggregate	ELEC	2146.209	74612.01	10981.04	0
SAN DIEGC	2022	MH	Aggregate	Aggregate	GAS	10724.34	92397.51	1072.863	19.43177
SAN DIEGC	2022	MH	Aggregate	Aggregate	DSL	3838.326	34608.84	383.8326	3.5518
SAN DIEGC	2022	Motor Coa	Aggregate	Aggregate	DSL	184.3793	24848.31	2691.938	3.884157
SAN DIEGC	2022	OBUS	Aggregate	Aggregate	GAS	1252.459	63800.57	25059.19	13.42402
SAN DIEGC	2022	PTO	Aggregate	Aggregate	DSL	0	27676.91	0	5.521697
SAN DIEGC	2022	SBUS	Aggregate	Aggregate	GAS	265.865	13954.7	1063.46	1.458274
SAN DIEGC	2022	SBUS	Aggregate	Aggregate	DSL	2407.454	75270.84	27781.68	9.452901
SAN DIEGC	2022	T6 Ag	Aggregate	Aggregate	DSL	34.19691	369.7807	150.4664	0.04155
SAN DIEGC	2022	T6 CAIRP h	Aggregate	Aggregate	DSL	85.95222	16936.14	1254.902	1.494425
SAN DIEGC	2022	T6 CAIRP sı	Aggregate	Aggregate	DSL	46.65328	2429.468	681.1378	0.229034
SAN DIEGC	2022	T6 instate (	Aggregate	Aggregate	DSL	668.4431	44732.52	3022.005	5.407522
SAN DIEGC	2022	T6 instate (	Aggregate	Aggregate	DSL	2199.367	116996.8	9943.253	14.13605
SAN DIEGC	2022	T6 instate l	Aggregate	Aggregate	DSL	2898.972	402094.9	33453.74	38.89641
SAN DIEGC	2022	T6 instate s	Aggregate	Aggregate	DSL	10914.84	556907.7	125955.7	57.484
SAN DIEGC	2022	T6 OOS he	Aggregate	Aggregate	DSL	49.36932	9764.658	720.7921	0.861113
SAN DIEGC	2022	T6 OOS sm	Aggregate	Aggregate	DSL	27.1346	1402.542	396.1651	0.132329
SAN DIEGC	2022	T6 Public	Aggregate	Aggregate	DSL	2427.397	37936.09	7363.104	5.137993
SAN DIEGC	2022	T6 utility	Aggregate	Aggregate	DSL	316.7314	5341.041	3642.411	0.584237
SAN DIEGC	2022	T6TS	Aggregate	Aggregate	GAS	3610.281	207021.6	72234.5	42.66175
SAN DIEGC	2022	T7 Ag	Aggregate	Aggregate	DSL	15.62865	233.4566	68.76606	0.040743
SAN DIEGC	2022	T7 CAIRP	Aggregate	Aggregate	DSL	1908.721	339335.5	27867.33	50.0736
SAN DIEGC	2022	T7 CAIRP c	Aggregate	Aggregate	DSL	178.1897	32131.75	805.5885	5.478986
SAN DIEGC	2022	T7 NNOOS	Aggregate	Aggregate	DSL	2066.231	413668.4	30166.98	58.06975
SAN DIEGC	2022	T7 NOOS	Aggregate	Aggregate	DSL	753.8059	133321.2	11005.57	20.16695
SAN DIEGC	2022	T7 other p	Aggregate	Aggregate	DSL	559.4379	89421.06	4251.728	16.05392
SAN DIEGC	2022	T7 POLA	Aggregate	Aggregate	DSL	238.0599	31072.3	1809.255	5.87921
SAN DIEGC	2022	T7 Public	Aggregate	Aggregate	DSL	1490.794	30219.66	4522.075	5.894578
SAN DIEGC	2022	T7 Single	Aggregate	Aggregate	DSL	2151.999	139386.4	24833.76	22.05237
SAN DIEGC	2022	T7 single c	Aggregate	Aggregate	DSL	1141.096	79712.97	5158.849	14.50511
SAN DIEGC	2022	T7 SWCV	Aggregate	Aggregate	DSL	588.089	24028.36	2293.547	10.82451
SAN DIEGC	2022	T7 SWCV	Aggregate	Aggregate	NG	919.7504	37432.28	3587.027	15.07644
SAN DIEGC	2022	T7 tractor	Aggregate	Aggregate	DSL	3622.291	495171.5	46003.09	66.5911
SAN DIEGC	2022	T7 tractor (	Aggregate	Aggregate	DSL	953.2296	65756.18	4309.514	12.18126
SAN DIEGC	2022	T7 utility	Aggregate	Aggregate	DSL	126.7746	2573.946	1457.908	0.435254
SAN DIEGC	2022	T7IS	Aggregate	Aggregate	GAS	18.77674	2078.265	375.6851	0.51029
SAN DIEGC	2022	UBUS	Aggregate	Aggregate	GAS	399.9064	42016.61	1599.626	7.531506
SAN DIEGC	2022	UBUS	Aggregate	Aggregate	DSL	0	0	0	0
SAN DIEGC	2022	UBUS	Aggregate	Aggregate	NG	1072.988	120594.4	4291.953	31.55251

2018 SDG&E Electricity and Natural Gas Sales

Quarter	Total Electrictiy (kWh)	Total NG (therms)
Q1	3,736,920,242	256,498,161
Q2	3,471,280,848	262,462,017
Q3	4,830,855,915	164,857,122
Q4	3,595,505,510	133,247,776
Total	**15,634,562,515**	**817,065,076**
Total (in millions)	**15,635**	**817.1**

Source: https://energydata.sdge.com/

Appendix E
Paleontological Records Search

ESA

29 October 2018

Mr. Michael Vader
ESA
550 West C Street, Suite 750
San Diego, CA 92101

RE: Paleontological Records Search – John Muir School Whole Site Modernization Project (ESA Project Number D160537.10)

Dear Mr. Vader:

This letter presents the results of a paleontological records search conducted for the John Muir School Whole Site Modernization Project (Project), located in the northern portion of the Clairemont Mesa West Neighborhood within the Clairemont Mesa Community Plan Area of the City of San Diego, San Diego County, CA. The Project site is bordered to the northeast by Mount Etna Drive, to the southeast by Mount Etna Park, to the southwest by residential development, and to the northwest by Mount Herbert Avenue.

A review of published geological maps covering the Project site and surrounding area was conducted to determine the specific geologic units underlying the Project. Each geologic unit was subsequently assigned a paleontological resource sensitivity following City of San Diego and County of San Diego guidelines (City of San Diego, 2011; Deméré and Walsh, 1993; Stephenson et al., 2009). Published geological reports covering the Project area (e.g., Kennedy, 1975; Kennedy and Tan, 2008) indicate that construction of the proposed Project has the potential to impact the early to middle Pleistocene-age Lindavista Formation and the middle Eocene-age Friars Formation. These geologic units and their paleontological sensitivity are summarized in detail in the following section.

In addition, a search of the paleontological collection records housed at the San Diego Natural History Museum (SDNHM) was conducted in order to determine if any documented fossil collection localities occur at the Project site or within the immediate surrounding area (Figure 1). The SDNHM has 11 recorded fossil localities within one mile of the Project site, 1 of which is from the Friars Formation and is described in greater detail below. The remaining 10 localities are from the middle Eocene-age Scripps Formation, which is not anticipated to be impacted by construction of the Project.

Geologic Rock Units Underlying the Project Area

Lindavista Formation – The marine and/or non-marine terrace deposits of the early to middle Pleistocene-age (approximately 1.5 to 0.5 million years old) Lindavista Formation underlie the majority of the Project site. More specifically, these deposits rest on the Tecolote terrace (approximately 800,000 years old) of Kern and Rockwell (1992), and are broadly equivalent to Unit 10, very old paralic deposits, of Kennedy and Tan (2008). The SDNHM does not have any fossil collection localities from these deposits within a 1-mile radius of the Project site. The Lindavista Formation has produced remains of nearshore marine invertebrates (e.g., clams, scallops, snails, barnacles, and sand dollars), as well as sparse remains of marine vertebrates (e.g., sharks and baleen whales). Fossils have primarily been recovered from localities in Tierrasanta and Mira Mesa where the Lindavista Formation is assigned a

high paleontological sensitivity; elsewhere in San Diego County, including in the vicinity of the Project site, the Lindavista Formation is assigned a moderate paleontological sensitivity.

Friars Formation – The fluvial deposits of the middle Eocene-age (approximately 47 to 46 million years old) Friars Formation underlie the southeastern corner of the Project site, and likely underlie the Lindavista Formation at unknown depths throughout the rest of the Project site. The SDNHM has one fossil collection locality from the Friars Formation within a 1-mile radius of the Project site that produced teeth and postcranial bones of terrestrial vertebrates (e.g., lizards, marsupials, insectivoran mammals, primates, and rodents). The Friars Formation is assigned a high paleontological sensitivity on the basis of the recovery of diverse and well-preserved assemblages of both marine invertebrates and terrestrial vertebrates from these deposits.

Summary and Recommendations

The moderate paleontological sensitivity of the Lindavista Formation and high paleontological sensitivity of the Friars Formation in San Diego County (Deméré and Walsh, 1993; Stephenson et al., 2009), as well as the presence of fossil localities in the vicinity of the Project site, suggest the potential for construction of the Project to result in impacts to paleontological resources. Any proposed excavation activities that extend deep enough to encounter previously undisturbed deposits of these geologic units have the potential to impact the paleontological resources preserved therein. For these reasons, implementation of a complete paleontological resource mitigation program during ground-disturbing activities is recommended.

The fossil collection locality information contained within this paleontological records search should be considered private and is the sole property of the San Diego Natural History Museum. Any use or reprocessing of information contained within this document beyond the scope of the John Muir School Whole Site Modernization Project is prohibited.

If you have any questions concerning these findings please feel free to contact me at 619-255-0321 or kmccomas@sdnhm.org.

Sincerely,



Katie McComas, M.S.
Paleontological Report Writer & GIS Specialist
San Diego Natural History Museum

Enc: Figure 1: Project map
Appendix: List of SDNHM fossil localities in the vicinity of the Project

Literature Cited

City of San Diego. 2011. California Environmental Quality Act, Significance Determination Thresholds. Development Services Department, 84 p.

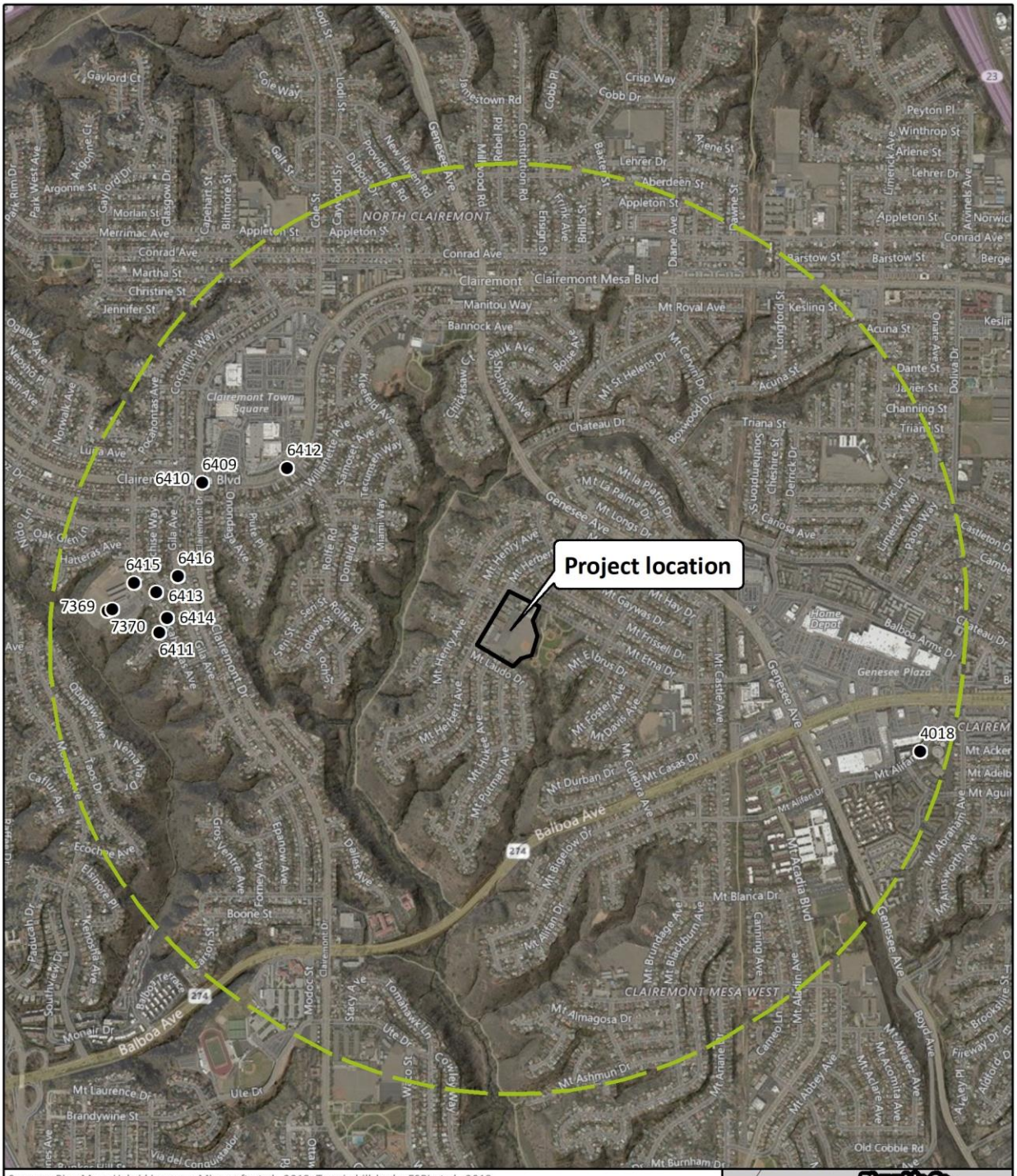
Deméré, T.A., and Walsh, S.L. 1993. Paleontological Resources, County of San Diego. Prepared for the San Diego Planning Commission: 1–68.

Kennedy, M.P. 1975. Geology of the San Diego metropolitan area, California. Section A - Western San Diego metropolitan area. California Division of Mines and Geology, Bulletin 200: 9–39.

Kennedy, M.P., and Tan, S.S. 2008. Geologic Map of the San Diego 30' x 60' Quadrangle, California. California Geological Survey, Regional Geologic Map Series 1:100,000 scale, map no. 3.

Kern, J.P., and Rockwell, T.K. 1992. Chronology and deformation of Quaternary marine shorelines, San Diego County, California. In, Quaternary Coasts of the United States: Marine and Lacustrine Systems. Society of Economic Paleontologists and Mineralogists, Special Publication 48: 377–382.

Stephenson, B., and seven others. 2009. County of San Diego Guidelines for determining significance, paleontological resources. Land Use and Environment Group, Department of Planning and Land Use, Department of Public Works, 46 p.


Project location
6409
6410
6412
6415
6416
6413
7369
6414
7370
6411
4018
Balboa Ave
Clairemont Mesa Blvd
Clairemont Town Square
NORTH CLAIREMONT
CLAIREMONT MESA WEST
Genesee Ave
Clairemont Dr
Sources: Bing Maps Hybrid imagery, Microsoft et al., 2018; Terrain hillshade, ESRI et al., 2018
Project boundary
1 mile radius buffer
Riverside Co.
San Diego Co.
Imperial Co.
map extent
PALEOSERVICES
FIGURE 1
Project Map
John Muir School Whole Site Modernization
City of San Diego, San Diego County, California
0
0.4
scale in miles
N

Appendix: Locality List

San Diego Natural History Museum
Department of Paleontology

Locality Number	Locality Name	Location	Elevation (feet)	Geologic Unit	Era	Period	Epoch
4018	Fiesta Island Replacement Project - Phase 2	City of San Diego, San Diego County, CA	342	Friars Formation	Cenozoic	Paleogene	middle Eocene
6409	Balboa Avenue Trunk Sewer	City of San Diego, San Diego County, CA	320	Scripps Formation	Cenozoic	Paleogene	middle Eocene
6410	Balboa Avenue Trunk Sewer	City of San Diego, San Diego County, CA	317	Scripps Formation	Cenozoic	Paleogene	middle Eocene
6411	Balboa Avenue Trunk Sewer	City of San Diego, San Diego County, CA	320	Scripps Formation	Cenozoic	Paleogene	middle Eocene
6412	Balboa Avenue Trunk Sewer	City of San Diego, San Diego County, CA	330	Scripps Formation	Cenozoic	Paleogene	middle Eocene
6413	Balboa Avenue Trunk Sewer	City of San Diego, San Diego County, CA	318	Scripps Formation	Cenozoic	Paleogene	middle Eocene
6414	Balboa Avenue Trunk Sewer	City of San Diego, San Diego County, CA	321	Scripps Formation	Cenozoic	Paleogene	middle Eocene
6415	Balboa Avenue Trunk Sewer	City of San Diego, San Diego County, CA	315	Scripps Formation	Cenozoic	Paleogene	middle Eocene
6416	Balboa Avenue Trunk Sewer	City of San Diego, San Diego County, CA	324	Scripps Formation	Cenozoic	Paleogene	middle Eocene
7369	Tavara Ridge	City of San Diego, San Diego County, CA	314	Scripps Formation	Cenozoic	Paleogene	middle Eocene
7370	Tavara Ridge	City of San Diego, San Diego County, CA	316	Scripps Formation	Cenozoic	Paleogene	middle Eocene

Appendix F
Greenhouse Gas Worksheets

ESA

Greenhouse Gas Appendix

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1. Assumptions

Muri School Project
Assumptions

CalEEMod Inputs (Non-Default information only)

Project Location		
County	San Diego	
Air District	SCAQMD	
Climate Zone	13	
Construction Year - Phase 1	2020	
Operational Year - Phase 1	2021	
Construction Year - Phase 2	2021	
Operational Year - Phase 2	2022	
Construction Year - Phase 3	2022	
Operational Year - Phase 3	2023	construction ends in december 2022 therefore op starts in 2023
Utility Provider	SDG&E	
Source Receptor Area (SCAQMD)	N/A	
EMFAC	2017	CalEEMod updated to EMFAC 2017 for Operation
		Mobile sources for Construction modeled outside of CalEEMod

	Base (2009)[1,2]	2017[3]	2020[4]	2030[4]
CO intensity	720	475.2	475.2	432
% renewable	10%	44.00%	44.00%	50.00%

[1] Table 1.2, CalEEMod 2017 User Guide Appendix D

[2] CEC 2009 SDG&E Power Content Label

[3] CEC 2017 SCE Power Content Label

[4] CEC 2019 - Renewables Portfolio Standard (RPS); https://www.energy.ca.gov/portfolio/

Note that since SDG&E already exceeds the 33% RPS scenario in 2017 it is conservately assumed it would remain at 44% through 2020 although it will more than likely increase incramentally since the 2030 requirement is 50 percent.

Muri School Project
Assumptions

Land Use		Building SQFT	Building KFS	Spaces/ students	Acres	
Existing (only includes those uses to be re-developed)						
Phase 1						
	hardscape				1.50	demolished
Phase 2						
	hardscape/parking			13	1.00	demolished
	elementary school	960	0.96		0.05	demolished
Phase 3						
	elementary school	6,720	6.72		0.28	demolished
	hardscape				0.65	demolished
Total		7,680	7.68	13	3.48	demolished
New Development						
Phase 1						
	elementary school	26,000	26.00	520	1.10	built
	hardscape				1.60	added
Phase 2						
	elementary school	7,700	7.70		0.18	built
	hardscape/landscaping				0.52	concrete added
	parking			13	0.30	parking lot added
Phase 3						
	parking/landscaping			44	1.00	added
Total		33,700	33.70	57 / 520	4.70	

Note: Total site acreage is 10

Muri School Project
Assumptions

Construction

Construction Schedule Source: CalEEMod defaults

Task Name	Start	End	Days
Phase 1	6/1/2020	6/30/2021	
Demolition	6/1/2020	6/26/2020	20
Site Preparation	6/27/2020	7/1/2020	3
Grading	7/2/2020	7/9/2020	6
Building Construction	7/10/2020	5/13/2021	220
Paving	5/14/2021	5/27/2021	10
Architectural Coating	5/28/2021	6/10/2021	10
Phase 2	7/1/2021	6/30/2022	
Demolition	7/1/2021	8/11/2021	30
Grading	8/12/2021	8/19/2021	6
Building Construction	9/1/2021	5/3/2022	150
Paving	9/1/2021	9/7/2021	5
Architectural Coating	5/1/2022	5/6/2022	5
Phase 3			
Demolition	7/1/2022	11/3/2022	90
Grading	11/4/2022	11/8/2022	6
Paving	11/12/2022	11/25/2022	10

Notes:

1 Assumes overlap of the following phases for flexibility in re-development

Phase 1

A: Building construction, paving/hardscape, architectural coating.

Phase 2

B: Building construction, paving/hardscape, architectural coating.

Phase 3

No overlaps in this phase

2 Days and dates for sub construction phases may not equal the total construction phase timeline. This is because timing for individual phases are based on CalEEMod defaults and it leaves time in the schedule for weather or other scheduling issues.

2. Construction Timing

Allowable Hours: Source: Project Description

Mon-Fri 7 am to 7 pm

Muri School Project
Assumptions

3. Soil Import/export Assumed all cut and fill is balanced onsite

4. Demolition Information Source:

1 Project Specific Small Scale Plot Plan
2 CalEEMod user guide Appendix A pg 13
3 Google Earth
4 City of San Diego Construction & Demolition Debris Conversion Rate Table, 5/21/08

	Phase 1	Phase 2	Phase 3
sqft building demolished	0	960	6,720
tons per square foot[2]	0.046	0.046	0.046
tons of building debris	0	44	309
square feet of asphalt to be demolished[3]	65,340	43,560	28,314
depth in feet of existing asphalt	0.5	0.5	0.5
cubic yards to be demolished	1,210	807	524
tons per cubic yard[4]	0.7	0.7	0.7
tons of asphalt debris	847	565	367
Total tons of debris	847	609	676

6. Construction Vehicles Source: CalEEMod Defaults

Phase 1	Worker Trips (per day)	Vendor Trips (per day)	Haul Trips (total)
Demolition	13	0	84
Site Preparation	8	0	0
Grading	10	0	0
Building Construction	40	16	0
Paving	15	0	0
Architectural Coating	8	0	0
Phase 2			
Demolition	13	0	60
Grading	8	0	0
Building Construction	15	6	0
Paving	13	0	0
Architectural Coating	3	0	0
Phase 3			
Demolition	13	0	67
Grading	8	0	0
Paving	13	0	0
Trip Length (miles/trip)	10.8	7.3	20

Note: CalEEMod was updated to use EMFAC2017 emission factors and fleet mix.

Muri School Project
Assumptions

7. Construction Equipment by Construction Phase Source: CalEEMod Defaults

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase 1					
Architectural Coating	Air Compressors	1	6	78	0.48
Building Construction	Cranes	1	8	231	0.29
Building Construction	Forklifts	2	7	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/ Backhoes	1	6	97	0.37
Building Construction	Welders	3	8	46	0.45
Demolition	Concrete/Industria l Saws	1	8	81	0.73
Demolition	Rubber Tired Dozers	1	8	247	0.4
Demolition	Tractors/Loaders/ Backhoes	3	8	97	0.37
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Tractors/Loaders/ Backhoes	2	7	97	0.37
Paving	Cement and Mortar Mixers	1	8	9	0.56
Paving	Pavers	1	8	130	0.42
Paving	Paving Equipment	1	8	132	0.36
Paving	Rollers	2	8	80	0.38
Paving	Tractors/Loaders/ Backhoes	1	8	97	0.37
Site Preparation	Graders	1	8	187	0.41
Site Preparation	Scrapers	1	8	367	0.48
Site Preparation	Tractors/Loaders/ Backhoes	1	7	97	0.37

Muri School Project

Assumptions

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase 2					
Architectural Coating	Air Compressors	1	6	78	0.48
Building Construction	Cranes	1	6	231	0.29
Building Construction	Forklifts	1	6	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/ Backhoes	1	6	97	0.37
Building Construction	Welders	3	8	46	0.45
Demolition	Concrete/Industria l Saws	1	8	81	0.73
Demolition	Rubber Tired Dozers	1	8	247	0.4
Demolition	Tractors/Loaders/ Backhoes	3	8	97	0.37
Grading	Graders	1	6	187	0.41
Grading	Rubber Tired Dozers	1	6	247	0.4
Grading	Tractors/Loaders/ Backhoes	1	7	97	0.37
Paving	Cement and Mortar Mixers	1	6	9	0.56
Paving	Pavers	1	6	130	0.42
Paving	Paving Equipment	1	8	132	0.36
Paving	Rollers	1	7	80	0.38
Paving	Tractors/Loaders/ Backhoes	1	8	97	0.37
Phase 3					
Demolition	Concrete/Industria l Saws	1	8	81	0.73
Demolition	Rubber Tired Dozers	1	8	247	0.4
Demolition	Tractors/Loaders/ Backhoes	3	8	97	0.37
Grading	Graders	1	6	187	0.41
Grading	Rubber Tired Dozers	1	6	247	0.4
Grading	Tractors/Loaders/ Backhoes	1	7	97	0.37
Paving	Cement and Mortar Mixers	1	6	9	0.56
Paving	Pavers	1	6	130	0.42
Paving	Paving Equipment	1	8	132	0.36
Paving	Rollers	1	7	80	0.38
Paving	Tractors/Loaders/ Backhoes	1	8	97	0.37

Muri School Project
Operational Assumptions

Mobile source emissions Source: Project Specific Traffic Study

Existing: Not Modeled as it doesn't change

Project:

	Students	Trips	trips per ksf
Kindergarden	36	180	
Elementary	226	665	
Junior High	97	136	
Total	359	981	29.11

Note: CalEEMod updated to EMFAC2017 values for fleet mix and vehicle emission rates

Area source emissions

Defaults Used

Water and Wastewater

Source: Utilities Section

Existing (removed):	307	gallons per day
	112,128	gallons per year
Project:	1,348	gallons per day
	492,020	gallons per year

*conservately assumes all water is indoor use

Information in the Utilities Section is based on City of San Diego PUD Sewer Design Guide, schools generate approximately 0.04 gallons per day (gpd) of wastewater per square foot (District 2018).

% septic	% Aerobic	% Lagoon	
10.33	87.46	2.21	Default
0	97.54	2.46	Revised

*No septic onsite

Muri School Project
Operational Assumptions

Solid Waste

Source Utilities Section

Existing (removed): 12 Tons per year
Project: 51 Tons per year

Information in Utilities Seciton is base on City of San Diego's Guidelines for a Waste Management Plan, the average waste generation rate for solid waste generated during ongoing use of a site is approximately 3 pounds per square foot.

Stationary Sources

None

Energy Use

Electricity Defaults Used and adjusted for Title 24 changes.
Natural Gas Defaults Used and adjusted for Title 24 changes.

CalEEMod currently uses Title 24 efficiency standards. The project will be built post 2019 therefore as a conservative estimate of T24 efficiencies required, the emission factors are updated to account for the inclusion of 2019 Title 24 standards. Because the project was built prior to 2016 and the exact nature of potential updates is unknown, the analysis conservatively assumes 2013 factors for Existing land uses.

% reduction between 2016 T24 (CalEEMod Default) and 2013 and 2019 Title 24

	T24 Electricity	**Lighting**	**T24 NG**
Non-Residential 2013	-5%	-10%	-5%
Non-Residential 2019	30%	0%	30%

Default

	T24 Electricity	**Lighting**	**T24 NG**
Elementary School	1.52	2.54	5.44

Revised

	Existing			Project		
	T24E	**Lighting**	**T24 NG**	**T24E**	**Lighting**	**T24 NG**
Elementary School	1.596	2.794	5.712	1.064	2.54	3.808

2. Emissions Summary

Muri School Project

Unmitigated GHG Summary

CalEEMod 2016.3.2

Title: MUIR School - Phase 1 Construction Only — Date: 3/31/2019
MUIR School - Phase 2 Construction Only — 3/31/2019
MUIR School - Phase 3 Construction Only — 3/28/2019

Unmitigated Construction Emissions - Max Annual

	lbs/day CO_2e				MT CO_2e
	Onsite	**Hauling**	**Vendor**	**Worker**	**Total**
Phase 1 (2020)					
Demolition	21.20	6.08	0.00	0.89	28
Site Preparation	3.26	0.00	0.00	0.08	3
Grading	5.48	0.00	0.00	0.20	6
Building Construction 2020	130.44	0.00	21.08	16.35	168
2020 Total					205
Phase 1 (2021)					
Building Construction 2021	99.12	0.00	17.57	13.62	130
Paving	7.81	0.00	0.00	0.51	8
Architectural Coating	1.28	0.00	0.00	0.27	2
2021 Total					140
Phase 1 Total					***345***
Phase 2					
Demolition	31.81	3.97	0.00	1.29	37
Grading	3.75	0.00	0.00	0.16	4
Building Construction 2021	80.24	0.00	4.15	3.19	88
Paving	2.96	0.00	0.00	0.22	3
2021 Total					132
Building Construction 2022	79.33	0.00	5.54	4.25	89
Architectural Coating	0.64	0.00	0.00	0.01	1
2022 Total					90
Phase 2 Total					***222***
Phase 3					
Demolition	10.61	8.69	0.00	3.75	23
Grading	1.25	0.00	0.00	0.15	1
Paving	2.97	0.00	0.00	0.42	3
Phase 3 Total					***28***
Construction Total					*595*
Amortized Construction					*20*

Muri School Project

Unmitigated GHG Summary

Unmitigated Operational Emissions - Max Annual

CalEEMod 2016.3.2

Title: MUIR School - Existing Operational Only

MUIR School - Project Operation

Date: 3/28/2019

Existing	
Area	0.00
Energy	11.81
Mobile	0.00
Waste	6.03
Water	0.41
Total Existing:	18.26
Project	
Area	0.00
Energy	42.67
Mobile	521.65
Waste	25.65
Water	1.80
Project	591.76
Net Project:	573.51
Amortized Construction	19.82
Total Net Project	593.32
Threshold	900
Exceed Threshold?	No

3. CalEEMod Output

3. CalEEMod Output
a. Construction Phase 1

MUIR School - Phase 1 Construction Only - San Diego County, Annual

MUIR School - Phase 1 Construction Only

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	520.00	Student	1.10	26,000.00	0
Other Asphalt Surfaces	1.60	Acre	1.60	69,696.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions

Off-road Equipment -

Trips and VMT - Modeled outside of CalEEMod using EMFAC2017

Demolition - See Assumptions

Grading -

Architectural Coating -

Vehicle Trips - Operational Emissions modeled separately

Construction Off-road Equipment Mitigation - Equipment mitigation added in case mitigation is needed

Off-road Equipment -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblLandUse	LandUseSquareFeet	43,473.75	26,000.00
tblLandUse	LotAcreage	1.00	1.10
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblTripsAndVMT	HaulingTripNumber	84.00	0.00
tblTripsAndVMT	VendorTripNumber	16.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	40.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00

2.0 Emissions Summary

- Summary Not Used

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2020	6/26/2020	5	20	
2	Site Preparation	Site Preparation	6/27/2020	7/1/2020	5	3	
3	Grading	Grading	7/2/2020	7/9/2020	5	6	
4	Building Construction	Building Construction	7/10/2020	5/13/2021	5	220	
5	Paving	Paving	5/14/2021	5/27/2021	5	10	
6	Architectural Coating	Architectural Coating	5/28/2021	6/10/2021	5	10	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 3

Acres of Paving: 1.6

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 39,000; Non-Residential Outdoor: 13,000; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Site Preparation	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.1800e-003	0.0000	9.1800e-003	1.3900e-003	0.0000	1.3900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0213	0.2095	0.1466	2.4000e-004		0.0115	0.0115		0.0108	0.0108	0.0000	21.0677	21.0677	5.4200e-003	0.0000	21.2031
Total	**0.0213**	**0.2095**	**0.1466**	**2.4000e-004**	**9.1800e-003**	**0.0115**	**0.0207**	**1.3900e-003**	**0.0108**	**0.0122**	**0.0000**	**21.0677**	**21.0677**	**5.4200e-003**	**0.0000**	**21.2031**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.4000e-003	0.0000	3.4000e-003	5.1000e-004	0.0000	5.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8100e-003	0.0122	0.1472	2.4000e-004		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	21.0676	21.0676	5.4200e-003	0.0000	21.2030
Total	**2.8100e-003**	**0.0122**	**0.1472**	**2.4000e-004**	**3.4000e-003**	**3.7000e-004**	**3.7700e-003**	**5.1000e-004**	**3.7000e-004**	**8.8000e-004**	**0.0000**	**21.0676**	**21.0676**	**5.4200e-003**	**0.0000**	**21.2030**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3900e-003	0.0000	2.3900e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4800e-003	0.0299	0.0169	4.0000e-005		1.1700e-003	1.1700e-003		1.0700e-003	1.0700e-003	0.0000	3.2290	3.2290	1.0400e-003	0.0000	3.2551
Total	**2.4800e-003**	**0.0299**	**0.0169**	**4.0000e-005**	**2.3900e-003**	**1.1700e-003**	**3.5600e-003**	**2.6000e-004**	**1.0700e-003**	**1.3300e-003**	**0.0000**	**3.2290**	**3.2290**	**1.0400e-003**	**0.0000**	**3.2551**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.8000e-004	0.0000	8.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5000e-004	1.9600e-003	0.0178	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.2290	3.2290	1.0400e-003	0.0000	3.2551
Total	**4.5000e-004**	**1.9600e-003**	**0.0178**	**4.0000e-005**	**8.8000e-004**	**6.0000e-005**	**9.4000e-004**	**1.0000e-004**	**6.0000e-005**	**1.6000e-004**	**0.0000**	**3.2290**	**3.2290**	**1.0400e-003**	**0.0000**	**3.2551**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Fugitive Dust					0.0197	0.0000	0.0197	0.0101	0.0000	0.0101	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.7700e-003	0.0640	0.0298	6.0000e-005		2.9700e-003	2.9700e-003		2.7300e-003	2.7300e-003	0.0000	5.4333	5.4333	1.7600e-003	0.0000	5.4773
Total	**5.7700e-003**	**0.0640**	**0.0298**	**6.0000e-005**	**0.0197**	**2.9700e-003**	**0.0226**	**0.0101**	**2.7300e-003**	**0.0128**	**0.0000**	**5.4333**	**5.4333**	**1.7600e-003**	**0.0000**	**5.4773**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.2800e-003	0.0000	7.2800e-003	3.7400e-003	0.0000	3.7400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6000e-004	3.2800e-003	0.0327	6.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	5.4333	5.4333	1.7600e-003	0.0000	5.4773

Total	**7.6000e-004**	**3.2800e-003**	**0.0327**	**6.0000e-005**	**7.2800e-003**	**1.0000e-004**	**7.3800e-003**	**3.7400e-003**	**1.0000e-004**	**3.8400e-003**	**0.0000**	**5.4333**	**5.4333**	**1.7600e-003**	**0.0000**	**5.4773**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1430	1.0896	0.9311	1.5600e-003		0.0593	0.0593		0.0568	0.0568	0.0000	129.7778	129.7778	0.0263	0.0000	130.4362
Total	**0.1430**	**1.0896**	**0.9311**	**1.5600e-003**		**0.0593**	**0.0593**		**0.0568**	**0.0568**	**0.0000**	**129.7778**	**129.7778**	**0.0263**	**0.0000**	**130.4362**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.2700e-003	0.0358	0.3993	1.5600e-003		1.1000e-003	1.1000e-003		1.1000e-003	1.1000e-003	0.0000	59.1609	59.1609	0.0191	0.0000	59.6392
Total	**8.2700e-003**	**0.0358**	**0.3993**	**1.5600e-003**		**1.1000e-003**	**1.1000e-003**		**1.1000e-003**	**1.1000e-003**	**0.0000**	**59.1609**	**59.1609**	**0.0191**	**0.0000**	**59.6392**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0971	0.7613	0.6917	1.1900e-003		0.0388	0.0388		0.0372	0.0372	0.0000	98.6332	98.6332	0.0194	0.0000	99.1183
Total	**0.0971**	**0.7613**	**0.6917**	**1.1900e-003**		**0.0388**	**0.0388**		**0.0372**	**0.0372**	**0.0000**	**98.6332**	**98.6332**	**0.0194**	**0.0000**	**99.1183**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.2900e-003	0.0272	0.3035	1.1900e-003		8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	44.9643	44.9643	0.0145	0.0000	45.3279
Total	**6.2900e-003**	**0.0272**	**0.3035**	**1.1900e-003**		**8.4000e-004**	**8.4000e-004**		**8.4000e-004**	**8.4000e-004**	**0.0000**	**44.9643**	**44.9643**	**0.0145**	**0.0000**	**45.3279**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.3200e-003	0.0532	0.0589	9.0000e-005		2.9100e-003	2.9100e-003		2.6900e-003	2.6900e-003	0.0000	7.7524	7.7524	2.4600e-003	0.0000	7.8138
Paving	2.1000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.4200e-003**	**0.0532**	**0.0589**	**9.0000e-005**		**2.9100e-003**	**2.9100e-003**		**2.6900e-003**	**2.6900e-003**	**0.0000**	**7.7524**	**7.7524**	**2.4600e-003**	**0.0000**	**7.8138**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.3500e-003	6.4000e-003	0.0664	9.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	7.7524	7.7524	2.4600e-003	0.0000	7.8138

Paving	2.1000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.4500e-003**	**6.4000e-003**	**0.0664**	**9.0000e-005**		**2.1000e-004**	**2.1000e-004**		**2.1000e-004**	**2.1000e-004**	**0.0000**	**7.7524**	**7.7524**	**2.4600e-003**	**0.0000**	**7.8138**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3255					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0900e-003	7.6300e-003	9.0900e-003	1.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004	0.0000	1.2766	1.2766	9.0000e-005	0.0000	1.2788
Total	**0.3266**	**7.6300e-003**	**9.0900e-003**	**1.0000e-005**		**4.7000e-004**	**4.7000e-004**		**4.7000e-004**	**4.7000e-004**	**0.0000**	**1.2766**	**1.2766**	**9.0000e-005**	**0.0000**	**1.2788**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3255					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5000e-004	6.4000e-004	9.1600e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.2766	1.2766	9.0000e-005	0.0000	1.2788
Total	**0.3257**	**6.4000e-004**	**9.1600e-003**	**1.0000e-005**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**1.2766**	**1.2766**	**9.0000e-005**	**0.0000**	**1.2788**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

- Operation Modeled Separately

3. CalEEMod Output
b. Construction Phase 2

MUIR School - Phase 2 -Construction Only

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	520.00	Student	0.18	7,700.00	0
Other Asphalt Surfaces	0.52	Acre	0.52	22,651.20	0
Parking Lot	13.00	Space	0.30	5,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions

Trips and VMT - Modeled outside of CalEEMod

Demolition - See Assumptions

Vehicle Trips - Operational Emissions modeled separately

Construction Off-road Equipment Mitigation - See Assumptions - Equipment modeled in case mitigation is needed

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	100.00	175.00
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	2.00	6.00

tblGrading	AcresOfGrading	2.25	0.75
tblLandUse	LandUseSquareFeet	43,473.75	7,700.00
tblLandUse	LotAcreage	1.00	0.18
tblLandUse	LotAcreage	0.12	0.30
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblTripsAndVMT	HaulingTripNumber	60.00	0.00
tblTripsAndVMT	VendorTripNumber	6.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00

2.0 Emissions Summary

- Summary Not Used

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2021	8/11/2021	5	30	
2	Grading	Grading	8/12/2021	8/19/2021	5	6	
3	Building Construction	Building Construction	9/1/2021	5/3/2022	5	175	
4	Paving	Paving	9/1/2021	9/7/2021	5	5	
5	Architectural Coating	Architectural Coating	5/1/2022	5/6/2022	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0.75

Acres of Paving: 0.82

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 11,550; Non-Residential Outdoor: 3,850; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.6000e-003	0.0000	6.6000e-003	1.0000e-003	0.0000	1.0000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0299	0.2955	0.2174	3.6000e-004		0.0156	0.0156		0.0146	0.0146	0.0000	31.6070	31.6070	8.0800e-003	0.0000	31.8091
Total	**0.0299**	**0.2955**	**0.2174**	**3.6000e-004**	**6.6000e-003**	**0.0156**	**0.0222**	**1.0000e-003**	**0.0146**	**0.0156**	**0.0000**	**31.6070**	**31.6070**	**8.0800e-003**	**0.0000**	**31.8091**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.4400e-003	0.0000	2.4400e-003	3.7000e-004	0.0000	3.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.2200e-003	0.0183	0.2208	3.6000e-004		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004	0.0000	31.6070	31.6070	8.0800e-003	0.0000	31.8090
Total	**4.2200e-003**	**0.0183**	**0.2208**	**3.6000e-004**	**2.4400e-003**	**5.6000e-004**	**3.0000e-003**	**3.7000e-004**	**5.6000e-004**	**9.3000e-004**	**0.0000**	**31.6070**	**31.6070**	**8.0800e-003**	**0.0000**	**31.8090**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0140	0.0000	0.0140	7.4900e-003	0.0000	7.4900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8700e-003	0.0430	0.0190	4.0000e-005		1.9100e-003	1.9100e-003		1.7600e-003	1.7600e-003	0.0000	3.7151	3.7151	1.2000e-003	0.0000	3.7451
Total	**3.8700e-003**	**0.0430**	**0.0190**	**4.0000e-005**	**0.0140**	**1.9100e-003**	**0.0159**	**7.4900e-003**	**1.7600e-003**	**9.2500e-003**	**0.0000**	**3.7151**	**3.7151**	**1.2000e-003**	**0.0000**	**3.7451**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Fugitive Dust					5.1700e-003	0.0000	5.1700e-003	2.7800e-003	0.0000	2.7800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.2000e-004	2.2400e-003	0.0215	4.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	3.7151	3.7151	1.2000e-003	0.0000	3.7451
Total	**5.2000e-004**	**2.2400e-003**	**0.0215**	**4.0000e-005**	**5.1700e-003**	**7.0000e-005**	**5.2400e-003**	**2.7800e-003**	**7.0000e-005**	**2.8500e-003**	**0.0000**	**3.7151**	**3.7151**	**1.2000e-003**	**0.0000**	**3.7451**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0798	0.6000	0.5676	9.7000e-004		0.0301	0.0301		0.0291	0.0291	0.0000	79.8810	79.8810	0.0143	0.0000	80.2375
Total	**0.0798**	**0.6000**	**0.5676**	**9.7000e-004**		**0.0301**	**0.0301**		**0.0291**	**0.0291**	**0.0000**	**79.8810**	**79.8810**	**0.0143**	**0.0000**	**80.2375**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.2100e-003	0.0183	0.2014	9.7000e-004		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004	0.0000	30.1667	30.1667	9.7600e-003	0.0000	30.4106
Total	**4.2100e-003**	**0.0183**	**0.2014**	**9.7000e-004**		**5.6000e-004**	**5.6000e-004**		**5.6000e-004**	**5.6000e-004**	**0.0000**	**30.1667**	**30.1667**	**9.7600e-003**	**0.0000**	**30.4106**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0717	0.5439	0.5536	9.6000e-004		0.0256	0.0256		0.0247	0.0247	0.0000	78.9860	78.9860	0.0138	0.0000	79.3299
Total	**0.0717**	**0.5439**	**0.5536**	**9.6000e-004**		**0.0256**	**0.0256**		**0.0247**	**0.0247**	**0.0000**	**78.9860**	**78.9860**	**0.0138**	**0.0000**	**79.3299**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.1700e-003	0.0181	0.1991	9.6000e-004		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004	0.0000	29.8366	29.8366	9.6500e-003	0.0000	30.0779
Total	**4.1700e-003**	**0.0181**	**0.1991**	**9.6000e-004**		**5.6000e-004**	**5.6000e-004**		**5.6000e-004**	**5.6000e-004**	**0.0000**	**29.8366**	**29.8366**	**9.6500e-003**	**0.0000**	**30.0779**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9300e-003	0.0194	0.0221	3.0000e-005		1.0400e-003	1.0400e-003		9.6000e-004	9.6000e-004	0.0000	2.9412	2.9412	9.3000e-004	0.0000	2.9646
Paving	1.0700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.0000e-003**	**0.0194**	**0.0221**	**3.0000e-005**		**1.0400e-003**	**1.0400e-003**		**9.6000e-004**	**9.6000e-004**	**0.0000**	**2.9412**	**2.9412**	**9.3000e-004**	**0.0000**	**2.9646**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Off-Road	5.1000e-004	2.4200e-003	0.0252	3.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	2.9412	2.9412	9.3000e-004	0.0000	2.9646
Paving	1.0700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5800e-003**	**2.4200e-003**	**0.0252**	**3.0000e-005**		**8.0000e-005**	**8.0000e-005**		**8.0000e-005**	**8.0000e-005**	**0.0000**	**2.9412**	**2.9412**	**9.3000e-004**	**0.0000**	**2.9646**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0989					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1000e-004	3.5200e-003	4.5300e-003	1.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394
Total	**0.0994**	**3.5200e-003**	**4.5300e-003**	**1.0000e-005**		**2.0000e-004**	**2.0000e-004**		**2.0000e-004**	**2.0000e-004**	**0.0000**	**0.6383**	**0.6383**	**4.0000e-005**	**0.0000**	**0.6394**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0989					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.0000e-005	3.2000e-004	4.5800e-003	1.0000e-005		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394
Total	**0.0990**	**3.2000e-004**	**4.5800e-003**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**0.6383**	**0.6383**	**4.0000e-005**	**0.0000**	**0.6394**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

- Operation modeled separately

3. CalEEMod Output
c. Construction Phase 3

MUIR School - Phase 3 - Construction Only - San Diego County, Annual

MUIR School - Phase 3 - Construction Only

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	1.00	Acre	1.00	43,560.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - See Assumptions

Demolition - See Assumptions

Trips and VMT - Modeled outside of CalEEMod

Vehicle Trips - Opeational emissions modeled separately

Construction Off-road Equipment Mitigation - See Assumptions - Equipment mitigation added in case mitigation is necessary

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblGrading	AcresOfGrading	2.25	0.75
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblTripsAndVMT	HaulingTripNumber	67.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00

2.0 Emissions Summary

-Summary Not Used

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2022	7/14/2022	5	10	
2	Grading	Grading	7/15/2022	7/18/2022	5	2	

3	Paving	Paving	7/19/2022	7/25/2022	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0.75

Acres of Paving: 1

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.3200e-003	0.0000	7.3200e-003	1.1100e-003	0.0000	1.1100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.4400e-003	0.0831	0.0698	1.2000e-004		4.1900e-003	4.1900e-003		3.9100e-003	3.9100e-003	0.0000	10.5388	10.5388	2.6900e-003	0.0000	10.6060
Total	**8.4400e-003**	**0.0831**	**0.0698**	**1.2000e-004**	**7.3200e-003**	**4.1900e-003**	**0.0115**	**1.1100e-003**	**3.9100e-003**	**5.0200e-003**	**0.0000**	**10.5388**	**10.5388**	**2.6900e-003**	**0.0000**	**10.6060**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7100e-003	0.0000	2.7100e-003	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4100e-003	6.0900e-003	0.0736	1.2000e-004		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	10.5388	10.5388	2.6900e-003	0.0000	10.6060
Total	**1.4100e-003**	**6.0900e-003**	**0.0736**	**1.2000e-004**	**2.7100e-003**	**1.9000e-004**	**2.9000e-003**	**4.1000e-004**	**1.9000e-004**	**6.0000e-004**	**0.0000**	**10.5388**	**10.5388**	**2.6900e-003**	**0.0000**	**10.6060**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Fugitive Dust					0.0140	0.0000	0.0140	7.4900e-003	0.0000	7.4900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0800e-003	0.0120	5.9400e-003	1.0000e-005		5.2000e-004	5.2000e-004		4.8000e-004	4.8000e-004	0.0000	1.2381	1.2381	4.0000e-004	0.0000	1.2482
Total	**1.0800e-003**	**0.0120**	**5.9400e-003**	**1.0000e-005**	**0.0140**	**5.2000e-004**	**0.0145**	**7.4900e-003**	**4.8000e-004**	**7.9700e-003**	**0.0000**	**1.2381**	**1.2381**	**4.0000e-004**	**0.0000**	**1.2482**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.1700e-003	0.0000	5.1700e-003	2.7800e-003	0.0000	2.7800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7000e-004	7.5000e-004	7.1600e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.2381	1.2381	4.0000e-004	0.0000	1.2482

Total	**1.7000e-004**	**7.5000e-004**	**7.1600e-003**	**1.0000e-005**	**5.1700e-003**	**2.0000e-005**	**5.1900e-003**	**2.7800e-003**	**2.0000e-005**	**2.8000e-003**	**0.0000**	**1.2381**	**1.2381**	**4.0000e-004**	**0.0000**	**1.2482**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.4 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.7200e-003	0.0169	0.0220	3.0000e-005		8.7000e-004	8.7000e-004		8.0000e-004	8.0000e-004	0.0000	2.9424	2.9424	9.3000e-004	0.0000	2.9657
Paving	1.3100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.0300e-003**	**0.0169**	**0.0220**	**3.0000e-005**		**8.7000e-004**	**8.7000e-004**		**8.0000e-004**	**8.0000e-004**	**0.0000**	**2.9424**	**2.9424**	**9.3000e-004**	**0.0000**	**2.9657**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.1000e-004	2.4200e-003	0.0252	3.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	2.9424	2.9424	9.3000e-004	0.0000	2.9657
Paving	1.3100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.8200e-003**	**2.4200e-003**	**0.0252**	**3.0000e-005**		**8.0000e-005**	**8.0000e-005**		**8.0000e-005**	**8.0000e-005**	**0.0000**	**2.9424**	**2.9424**	**9.3000e-004**	**0.0000**	**2.9657**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

- Operation Modeled Separately

3. CalEEMod Output
d. Project Operation

MUIR School - Project Operation - San Diego County, Annual

MUIR School - Project Operation

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	33.70	1000sqft	4.70	33,700.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - Construction modeled separately

Vehicle Trips - See Assumptions

Energy Use - See Assumptions

Water And Wastewater - See Assumptions

Solid Waste - See Assumptions

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	1.52	1.06

tblEnergyUse	T24NG	5.44	3.81
tblFleetMix	HHD	0.02	6.1844e-003
tblFleetMix	LDA	0.60	0.55
tblFleetMix	LDT1	0.04	0.06
tblFleetMix	LDT2	0.18	0.18
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD2	5.4790e-003	6.2144e-003
tblFleetMix	MCY	6.0160e-003	0.03
tblFleetMix	MDV	0.11	0.12
tblFleetMix	MH	1.1220e-003	5.1637e-003
tblFleetMix	MHD	0.02	8.4931e-003
tblFleetMix	OBUS	1.9260e-003	7.1516e-004
tblFleetMix	SBUS	7.5300e-004	9.8173e-004
tblFleetMix	UBUS	1.9320e-003	5.5597e-004
tblLandUse	LotAcreage	0.77	4.70
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblSolidWaste	SolidWasteGenerationRate	43.81	51.00
tblVehicleEF	HHD	0.73	0.03
tblVehicleEF	HHD	0.13	0.07
tblVehicleEF	HHD	0.09	5.4513e-007
tblVehicleEF	HHD	2.48	6.66
tblVehicleEF	HHD	1.15	0.48
tblVehicleEF	HHD	3.36	9.0034e-003
tblVehicleEF	HHD	4,674.46	1,118.02
tblVehicleEF	HHD	1,636.66	1,437.27
tblVehicleEF	HHD	10.27	0.10
tblVehicleEF	HHD	20.52	5.75
tblVehicleEF	HHD	3.39	2.66
tblVehicleEF	HHD	19.59	2.38
tblVehicleEF	HHD	0.02	3.1569e-003

tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	1.0100e-004	1.6258e-006
tblVehicleEF	HHD	0.02	3.0204e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8120e-003	8.8684e-003
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	9.3000e-005	1.4949e-006
tblVehicleEF	HHD	9.1000e-005	5.6482e-006
tblVehicleEF	HHD	4.9200e-003	2.7733e-004
tblVehicleEF	HHD	0.61	0.45
tblVehicleEF	HHD	8.5000e-005	5.0833e-006
tblVehicleEF	HHD	0.12	0.03
tblVehicleEF	HHD	4.6500e-004	1.7312e-003
tblVehicleEF	HHD	0.09	2.8476e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.5800e-004	9.4704e-007
tblVehicleEF	HHD	9.1000e-005	5.6482e-006
tblVehicleEF	HHD	4.9200e-003	2.7733e-004
tblVehicleEF	HHD	0.72	0.52
tblVehicleEF	HHD	8.5000e-005	5.0833e-006
tblVehicleEF	HHD	0.26	0.10
tblVehicleEF	HHD	4.6500e-004	1.7312e-003
tblVehicleEF	HHD	0.10	3.1177e-006
tblVehicleEF	HHD	0.69	0.03
tblVehicleEF	HHD	0.13	0.07
tblVehicleEF	HHD	0.09	5.1769e-007
tblVehicleEF	HHD	1.81	6.57

tblVehicleEF	HHD	1.16	0.48
tblVehicleEF	HHD	3.16	8.4623e-003
tblVehicleEF	HHD	4,951.94	1,105.76
tblVehicleEF	HHD	1,636.66	1,437.27
tblVehicleEF	HHD	10.27	0.09
tblVehicleEF	HHD	21.18	5.50
tblVehicleEF	HHD	3.27	2.56
tblVehicleEF	HHD	19.58	2.38
tblVehicleEF	HHD	0.02	2.7490e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	1.0100e-004	1.6258e-006
tblVehicleEF	HHD	0.02	2.6301e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8120e-003	8.8684e-003
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	9.3000e-005	1.4949e-006
tblVehicleEF	HHD	1.3700e-004	8.8476e-006
tblVehicleEF	HHD	5.0790e-003	2.8579e-004
tblVehicleEF	HHD	0.58	0.48
tblVehicleEF	HHD	1.5200e-004	9.7766e-006
tblVehicleEF	HHD	0.12	0.03
tblVehicleEF	HHD	4.5200e-004	1.7111e-003
tblVehicleEF	HHD	0.09	2.7133e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.5500e-004	9.3855e-007
tblVehicleEF	HHD	1.3700e-004	8.8476e-006
tblVehicleEF	HHD	5.0790e-003	2.8579e-004

tblVehicleEF	HHD	0.68	0.55
tblVehicleEF	HHD	1.5200e-004	9.7766e-006
tblVehicleEF	HHD	0.26	0.10
tblVehicleEF	HHD	4.5200e-004	1.7111e-003
tblVehicleEF	HHD	0.10	2.9707e-006
tblVehicleEF	HHD	0.79	0.03
tblVehicleEF	HHD	0.13	0.07
tblVehicleEF	HHD	0.09	5.5712e-007
tblVehicleEF	HHD	3.42	6.80
tblVehicleEF	HHD	1.15	0.48
tblVehicleEF	HHD	3.45	9.2431e-003
tblVehicleEF	HHD	4,291.27	1,134.96
tblVehicleEF	HHD	1,636.66	1,437.27
tblVehicleEF	HHD	10.27	0.10
tblVehicleEF	HHD	19.61	6.09
tblVehicleEF	HHD	3.38	2.65
tblVehicleEF	HHD	19.60	2.38
tblVehicleEF	HHD	0.02	3.7202e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	1.0100e-004	1.6258e-006
tblVehicleEF	HHD	0.02	3.5593e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8120e-003	8.8684e-003
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	9.3000e-005	1.4949e-006
tblVehicleEF	HHD	8.0000e-005	5.1797e-006
tblVehicleEF	HHD	5.3930e-003	3.2264e-004
tblVehicleEF	HHD	0.66	0.41

tblVehicleEF	HHD	7.4000e-005	4.4298e-006
tblVehicleEF	HHD	0.12	0.03
tblVehicleEF	HHD	5.1200e-004	1.8666e-003
tblVehicleEF	HHD	0.09	2.9058e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.6000e-004	9.5080e-007
tblVehicleEF	HHD	8.0000e-005	5.1797e-006
tblVehicleEF	HHD	5.3930e-003	3.2264e-004
tblVehicleEF	HHD	0.78	0.48
tblVehicleEF	HHD	7.4000e-005	4.4298e-006
tblVehicleEF	HHD	0.26	0.10
tblVehicleEF	HHD	5.1200e-004	1.8666e-003
tblVehicleEF	HHD	0.10	3.1815e-006
tblVehicleEF	LDA	6.5710e-003	2.0313e-003
tblVehicleEF	LDA	8.1190e-003	0.05
tblVehicleEF	LDA	0.61	0.53
tblVehicleEF	LDA	1.50	2.06
tblVehicleEF	LDA	258.88	253.20
tblVehicleEF	LDA	56.33	51.49
tblVehicleEF	LDA	0.07	0.03
tblVehicleEF	LDA	0.08	0.17
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8710e-003	1.5116e-003
tblVehicleEF	LDA	2.2800e-003	1.7762e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.7250e-003	1.3926e-003
tblVehicleEF	LDA	2.0960e-003	1.6332e-003

tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	7.5890e-003
tblVehicleEF	LDA	0.03	0.20
tblVehicleEF	LDA	0.11	0.20
tblVehicleEF	LDA	2.5930e-003	2.5046e-003
tblVehicleEF	LDA	5.8900e-004	5.0956e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.03	0.20
tblVehicleEF	LDA	0.12	0.22
tblVehicleEF	LDA	7.0760e-003	2.2106e-003
tblVehicleEF	LDA	7.0780e-003	0.04
tblVehicleEF	LDA	0.68	0.60
tblVehicleEF	LDA	1.24	1.70
tblVehicleEF	LDA	273.61	267.26
tblVehicleEF	LDA	56.33	50.84
tblVehicleEF	LDA	0.06	0.03
tblVehicleEF	LDA	0.07	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8710e-003	1.5116e-003
tblVehicleEF	LDA	2.2800e-003	1.7762e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.7250e-003	1.3926e-003
tblVehicleEF	LDA	2.0960e-003	1.6332e-003

tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.02	8.1608e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.10	0.18
tblVehicleEF	LDA	2.7410e-003	2.6437e-003
tblVehicleEF	LDA	5.8500e-004	5.0307e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.03	0.01
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.10	0.19
tblVehicleEF	LDA	6.4620e-003	1.9884e-003
tblVehicleEF	LDA	8.5450e-003	0.05
tblVehicleEF	LDA	0.60	0.52
tblVehicleEF	LDA	1.60	2.21
tblVehicleEF	LDA	256.22	250.66
tblVehicleEF	LDA	56.33	51.77
tblVehicleEF	LDA	0.07	0.03
tblVehicleEF	LDA	0.08	0.18
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8710e-003	1.5116e-003
tblVehicleEF	LDA	2.2800e-003	1.7762e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.7250e-003	1.3926e-003
tblVehicleEF	LDA	2.0960e-003	1.6332e-003

tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	7.4644e-003
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.12	0.21
tblVehicleEF	LDA	2.5660e-003	2.4794e-003
tblVehicleEF	LDA	5.9100e-004	5.1227e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.04	0.23
tblVehicleEF	LDA	0.13	0.23
tblVehicleEF	LDT1	0.01	5.8261e-003
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	1.27	1.12
tblVehicleEF	LDT1	3.05	2.32
tblVehicleEF	LDT1	329.67	308.27
tblVehicleEF	LDT1	71.49	63.74
tblVehicleEF	LDT1	0.13	0.10
tblVehicleEF	LDT1	0.18	0.26
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.7500e-003	2.0944e-003
tblVehicleEF	LDT1	3.3690e-003	2.4545e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.5330e-003	1.9276e-003
tblVehicleEF	LDT1	3.0980e-003	2.2569e-003

tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.29	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.20	0.73
tblVehicleEF	LDT1	0.21	0.36
tblVehicleEF	LDT1	3.3120e-003	3.0505e-003
tblVehicleEF	LDT1	7.6900e-004	6.3072e-004
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.29	0.21
tblVehicleEF	LDT1	0.12	0.12
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.73
tblVehicleEF	LDT1	0.23	0.40
tblVehicleEF	LDT1	0.01	6.2807e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.41	1.24
tblVehicleEF	LDT1	2.51	1.91
tblVehicleEF	LDT1	347.55	323.06
tblVehicleEF	LDT1	71.49	62.92
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.17	0.24
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.7500e-003	2.0944e-003
tblVehicleEF	LDT1	3.3690e-003	2.4545e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.5330e-003	1.9276e-003
tblVehicleEF	LDT1	3.0980e-003	2.2569e-003

tblVehicleEF	LDT1	0.17	0.16
tblVehicleEF	LDT1	0.31	0.22
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.18	0.67
tblVehicleEF	LDT1	0.18	0.31
tblVehicleEF	LDT1	3.4920e-003	3.1969e-003
tblVehicleEF	LDT1	7.5900e-004	6.2268e-004
tblVehicleEF	LDT1	0.17	0.16
tblVehicleEF	LDT1	0.31	0.22
tblVehicleEF	LDT1	0.19	0.19
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.18	0.67
tblVehicleEF	LDT1	0.20	0.34
tblVehicleEF	LDT1	0.01	5.7183e-003
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.25	1.10
tblVehicleEF	LDT1	3.28	2.50
tblVehicleEF	LDT1	326.43	305.60
tblVehicleEF	LDT1	71.49	64.07
tblVehicleEF	LDT1	0.13	0.10
tblVehicleEF	LDT1	0.19	0.27
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.7500e-003	2.0944e-003
tblVehicleEF	LDT1	3.3690e-003	2.4545e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.5330e-003	1.9276e-003
tblVehicleEF	LDT1	3.0980e-003	2.2569e-003

tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.33	0.24
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.24	0.90
tblVehicleEF	LDT1	0.22	0.38
tblVehicleEF	LDT1	3.2790e-003	3.0241e-003
tblVehicleEF	LDT1	7.7300e-004	6.3407e-004
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.33	0.24
tblVehicleEF	LDT1	0.10	0.10
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.24	0.90
tblVehicleEF	LDT1	0.25	0.42
tblVehicleEF	LDT2	5.7120e-003	3.5944e-003
tblVehicleEF	LDT2	6.6590e-003	0.07
tblVehicleEF	LDT2	0.69	0.78
tblVehicleEF	LDT2	1.44	2.66
tblVehicleEF	LDT2	366.61	328.12
tblVehicleEF	LDT2	79.63	68.00
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.11	0.27
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8130e-003	1.5049e-003
tblVehicleEF	LDT2	2.2550e-003	1.7237e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6680e-003	1.3852e-003
tblVehicleEF	LDT2	2.0730e-003	1.5849e-003

tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.43
tblVehicleEF	LDT2	0.09	0.30
tblVehicleEF	LDT2	3.6700e-003	3.2460e-003
tblVehicleEF	LDT2	8.2000e-004	6.7289e-004
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.43
tblVehicleEF	LDT2	0.10	0.33
tblVehicleEF	LDT2	6.1400e-003	3.8952e-003
tblVehicleEF	LDT2	5.7920e-003	0.06
tblVehicleEF	LDT2	0.77	0.87
tblVehicleEF	LDT2	1.19	2.19
tblVehicleEF	LDT2	386.98	342.39
tblVehicleEF	LDT2	79.63	67.13
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.10	0.25
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8130e-003	1.5049e-003
tblVehicleEF	LDT2	2.2550e-003	1.7237e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6680e-003	1.3852e-003
tblVehicleEF	LDT2	2.0730e-003	1.5849e-003

tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.08	0.13
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.08	0.26
tblVehicleEF	LDT2	3.8750e-003	3.3872e-003
tblVehicleEF	LDT2	8.1600e-004	6.6428e-004
tblVehicleEF	LDT2	0.06	0.09
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.08	0.13
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.40
tblVehicleEF	LDT2	0.09	0.29
tblVehicleEF	LDT2	5.6200e-003	3.5223e-003
tblVehicleEF	LDT2	7.0160e-003	0.07
tblVehicleEF	LDT2	0.67	0.76
tblVehicleEF	LDT2	1.54	2.86
tblVehicleEF	LDT2	362.92	325.54
tblVehicleEF	LDT2	79.63	68.36
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.12	0.28
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8130e-003	1.5049e-003
tblVehicleEF	LDT2	2.2550e-003	1.7237e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6680e-003	1.3852e-003
tblVehicleEF	LDT2	2.0730e-003	1.5849e-003

tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.09	0.32
tblVehicleEF	LDT2	3.6330e-003	3.2205e-003
tblVehicleEF	LDT2	8.2200e-004	6.7650e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.10	0.35
tblVehicleEF	LHD1	4.8830e-003	4.6582e-003
tblVehicleEF	LHD1	0.02	9.0724e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	1.12	0.84
tblVehicleEF	LHD1	2.34	0.96
tblVehicleEF	LHD1	9.28	9.21
tblVehicleEF	LHD1	679.69	771.79
tblVehicleEF	LHD1	28.56	10.50
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.61	1.05
tblVehicleEF	LHD1	0.89	0.29
tblVehicleEF	LHD1	1.0240e-003	9.6896e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.9789e-003
tblVehicleEF	LHD1	0.02	0.01

tblVehicleEF	LHD1	8.6700e-004	2.3535e-004
tblVehicleEF	LHD1	9.8000e-004	9.2705e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5730e-003	2.4947e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	7.9800e-004	2.1640e-004
tblVehicleEF	LHD1	2.2320e-003	1.8173e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6930e-003	1.3874e-003
tblVehicleEF	LHD1	0.14	0.11
tblVehicleEF	LHD1	0.29	0.50
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	9.2000e-005	8.9060e-005
tblVehicleEF	LHD1	6.6560e-003	7.5184e-003
tblVehicleEF	LHD1	3.3000e-004	1.0391e-004
tblVehicleEF	LHD1	2.2320e-003	1.8173e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6930e-003	1.3874e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.29	0.50
tblVehicleEF	LHD1	0.26	0.07
tblVehicleEF	LHD1	4.8830e-003	4.6676e-003
tblVehicleEF	LHD1	0.02	9.2256e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	1.14	0.85
tblVehicleEF	LHD1	2.21	0.91
tblVehicleEF	LHD1	9.28	9.21

tblVehicleEF	LHD1	679.69	771.82
tblVehicleEF	LHD1	28.56	10.41
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.54	1.01
tblVehicleEF	LHD1	0.84	0.27
tblVehicleEF	LHD1	1.0240e-003	9.6896e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.9789e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.6700e-004	2.3535e-004
tblVehicleEF	LHD1	9.8000e-004	9.2705e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5730e-003	2.4947e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	7.9800e-004	2.1640e-004
tblVehicleEF	LHD1	3.2210e-003	2.6282e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.8460e-003	2.3352e-003
tblVehicleEF	LHD1	0.14	0.11
tblVehicleEF	LHD1	0.28	0.48
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	9.2000e-005	8.9060e-005
tblVehicleEF	LHD1	6.6560e-003	7.5187e-003
tblVehicleEF	LHD1	3.2700e-004	1.0301e-004
tblVehicleEF	LHD1	3.2210e-003	2.6282e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.8460e-003	2.3352e-003
tblVehicleEF	LHD1	0.17	0.13

tblVehicleEF	LHD1	0.28	0.48
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD1	4.8830e-003	4.6541e-003
tblVehicleEF	LHD1	0.02	9.0050e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.17
tblVehicleEF	LHD1	1.11	0.83
tblVehicleEF	LHD1	2.40	0.98
tblVehicleEF	LHD1	9.28	9.21
tblVehicleEF	LHD1	679.69	771.78
tblVehicleEF	LHD1	28.56	10.54
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	1.60	1.04
tblVehicleEF	LHD1	0.91	0.29
tblVehicleEF	LHD1	1.0240e-003	9.6896e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.9789e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.6700e-004	2.3535e-004
tblVehicleEF	LHD1	9.8000e-004	9.2705e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5730e-003	2.4947e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	7.9800e-004	2.1640e-004
tblVehicleEF	LHD1	2.0650e-003	1.6776e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.4970e-003	1.2264e-003
tblVehicleEF	LHD1	0.14	0.11
tblVehicleEF	LHD1	0.32	0.56

tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	9.2000e-005	8.9060e-005
tblVehicleEF	LHD1	6.6560e-003	7.5183e-003
tblVehicleEF	LHD1	3.3100e-004	1.0433e-004
tblVehicleEF	LHD1	2.0650e-003	1.6776e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4970e-003	1.2264e-003
tblVehicleEF	LHD1	0.17	0.13
tblVehicleEF	LHD1	0.32	0.56
tblVehicleEF	LHD1	0.26	0.08
tblVehicleEF	LHD2	3.5470e-003	3.1629e-003
tblVehicleEF	LHD2	7.9460e-003	7.0780e-003
tblVehicleEF	LHD2	7.1730e-003	8.1367e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.59	0.64
tblVehicleEF	LHD2	1.14	0.58
tblVehicleEF	LHD2	14.13	14.23
tblVehicleEF	LHD2	713.03	771.02
tblVehicleEF	LHD2	24.38	7.63
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	0.93	1.03
tblVehicleEF	LHD2	0.47	0.18
tblVehicleEF	LHD2	1.2730e-003	1.4143e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9800e-004	1.2208e-004
tblVehicleEF	LHD2	1.2180e-003	1.3532e-003
tblVehicleEF	LHD2	0.04	0.04

tblVehicleEF	LHD2	2.6870e-003	2.6921e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.6600e-004	1.1225e-004
tblVehicleEF	LHD2	7.4700e-004	9.0839e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.2200e-004	7.2787e-004
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.07	0.24
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	1.3800e-004	1.3597e-004
tblVehicleEF	LHD2	6.9350e-003	7.4438e-003
tblVehicleEF	LHD2	2.6400e-004	7.5482e-005
tblVehicleEF	LHD2	7.4700e-004	9.0839e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.2200e-004	7.2787e-004
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.07	0.24
tblVehicleEF	LHD2	0.11	0.04
tblVehicleEF	LHD2	3.5470e-003	3.1691e-003
tblVehicleEF	LHD2	8.0370e-003	7.1358e-003
tblVehicleEF	LHD2	6.8810e-003	7.7997e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.59	0.65
tblVehicleEF	LHD2	1.08	0.55
tblVehicleEF	LHD2	14.13	14.23
tblVehicleEF	LHD2	713.03	771.03
tblVehicleEF	LHD2	24.38	7.57
tblVehicleEF	LHD2	0.11	0.10

tblVehicleEF	LHD2	0.89	0.99
tblVehicleEF	LHD2	0.45	0.17
tblVehicleEF	LHD2	1.2730e-003	1.4143e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9800e-004	1.2208e-004
tblVehicleEF	LHD2	1.2180e-003	1.3532e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6870e-003	2.6921e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.6600e-004	1.1225e-004
tblVehicleEF	LHD2	1.0840e-003	1.3168e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0510e-003	1.2283e-003
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	1.3800e-004	1.3597e-004
tblVehicleEF	LHD2	6.9350e-003	7.4439e-003
tblVehicleEF	LHD2	2.6300e-004	7.4947e-005
tblVehicleEF	LHD2	1.0840e-003	1.3168e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0510e-003	1.2283e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.06	0.23
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	3.5470e-003	3.1602e-003

tblVehicleEF	LHD2	7.9070e-003	7.0523e-003
tblVehicleEF	LHD2	7.3040e-003	8.2879e-003
tblVehicleEF	LHD2	0.12	0.14
tblVehicleEF	LHD2	0.59	0.64
tblVehicleEF	LHD2	1.17	0.59
tblVehicleEF	LHD2	14.13	14.23
tblVehicleEF	LHD2	713.03	771.01
tblVehicleEF	LHD2	24.38	7.65
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	0.92	1.02
tblVehicleEF	LHD2	0.48	0.18
tblVehicleEF	LHD2	1.2730e-003	1.4143e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9800e-004	1.2208e-004
tblVehicleEF	LHD2	1.2180e-003	1.3532e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6870e-003	2.6921e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.6600e-004	1.1225e-004
tblVehicleEF	LHD2	6.7000e-004	8.2342e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4800e-004	6.4056e-004
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.07	0.27
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	1.3800e-004	1.3597e-004
tblVehicleEF	LHD2	6.9350e-003	7.4438e-003

tblVehicleEF	LHD2	2.6500e-004	7.5732e-005
tblVehicleEF	LHD2	6.7000e-004	8.2342e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.4800e-004	6.4056e-004
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.07	0.27
tblVehicleEF	LHD2	0.11	0.04
tblVehicleEF	MCY	0.48	0.36
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	20.50	20.36
tblVehicleEF	MCY	9.71	8.62
tblVehicleEF	MCY	182.04	220.59
tblVehicleEF	MCY	45.85	60.38
tblVehicleEF	MCY	1.16	1.16
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.1280e-003	2.0974e-003
tblVehicleEF	MCY	3.8450e-003	2.9889e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.9910e-003	1.9612e-003
tblVehicleEF	MCY	3.6280e-003	2.8140e-003
tblVehicleEF	MCY	0.93	0.93
tblVehicleEF	MCY	0.75	0.74
tblVehicleEF	MCY	0.73	0.73
tblVehicleEF	MCY	2.44	2.43
tblVehicleEF	MCY	0.61	2.01
tblVehicleEF	MCY	2.12	1.86

tblVehicleEF	MCY	2.2270e-003	2.1830e-003
tblVehicleEF	MCY	6.8000e-004	5.9749e-004
tblVehicleEF	MCY	0.93	0.93
tblVehicleEF	MCY	0.75	0.74
tblVehicleEF	MCY	0.73	0.73
tblVehicleEF	MCY	3.01	3.00
tblVehicleEF	MCY	0.61	2.01
tblVehicleEF	MCY	2.30	2.02
tblVehicleEF	MCY	0.47	0.35
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	19.51	19.39
tblVehicleEF	MCY	8.76	7.73
tblVehicleEF	MCY	182.04	218.78
tblVehicleEF	MCY	45.85	58.13
tblVehicleEF	MCY	1.04	1.04
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.1280e-003	2.0974e-003
tblVehicleEF	MCY	3.8450e-003	2.9889e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.9910e-003	1.9612e-003
tblVehicleEF	MCY	3.6280e-003	2.8140e-003
tblVehicleEF	MCY	1.50	1.51
tblVehicleEF	MCY	0.84	0.84
tblVehicleEF	MCY	1.44	1.43
tblVehicleEF	MCY	2.36	2.35
tblVehicleEF	MCY	0.56	1.86
tblVehicleEF	MCY	1.84	1.61

tblVehicleEF	MCY	2.2090e-003	2.1650e-003
tblVehicleEF	MCY	6.5600e-004	5.7528e-004
tblVehicleEF	MCY	1.50	1.51
tblVehicleEF	MCY	0.84	0.84
tblVehicleEF	MCY	1.44	1.43
tblVehicleEF	MCY	2.92	2.91
tblVehicleEF	MCY	0.56	1.86
tblVehicleEF	MCY	2.00	1.75
tblVehicleEF	MCY	0.49	0.36
tblVehicleEF	MCY	0.16	0.26
tblVehicleEF	MCY	21.18	21.03
tblVehicleEF	MCY	10.20	9.08
tblVehicleEF	MCY	182.04	221.81
tblVehicleEF	MCY	45.85	61.49
tblVehicleEF	MCY	1.17	1.17
tblVehicleEF	MCY	0.32	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.1280e-003	2.0974e-003
tblVehicleEF	MCY	3.8450e-003	2.9889e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	1.9910e-003	1.9612e-003
tblVehicleEF	MCY	3.6280e-003	2.8140e-003
tblVehicleEF	MCY	0.84	0.85
tblVehicleEF	MCY	1.02	1.00
tblVehicleEF	MCY	0.58	0.58
tblVehicleEF	MCY	2.48	2.47
tblVehicleEF	MCY	0.72	2.38
tblVehicleEF	MCY	2.25	1.98

tblVehicleEF	MCY	2.2390e-003	2.1950e-003
tblVehicleEF	MCY	6.9200e-004	6.0854e-004
tblVehicleEF	MCY	0.84	0.85
tblVehicleEF	MCY	1.02	1.00
tblVehicleEF	MCY	0.58	0.58
tblVehicleEF	MCY	3.06	3.05
tblVehicleEF	MCY	0.72	2.38
tblVehicleEF	MCY	2.44	2.15
tblVehicleEF	MDV	9.9160e-003	4.0849e-003
tblVehicleEF	MDV	0.01	0.08
tblVehicleEF	MDV	1.03	0.82
tblVehicleEF	MDV	2.57	2.97
tblVehicleEF	MDV	489.68	396.95
tblVehicleEF	MDV	105.19	81.91
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.23	0.32
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.9150e-003	1.5942e-003
tblVehicleEF	MDV	2.3700e-003	1.8286e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7650e-003	1.4706e-003
tblVehicleEF	MDV	2.1790e-003	1.6815e-003
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.10	0.45
tblVehicleEF	MDV	0.19	0.37

tblVehicleEF	MDV	4.9010e-003	3.9235e-003
tblVehicleEF	MDV	1.0970e-003	8.1060e-004
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.04	0.02
tblVehicleEF	MDV	0.10	0.45
tblVehicleEF	MDV	0.21	0.40
tblVehicleEF	MDV	0.01	4.4249e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.14	0.91
tblVehicleEF	MDV	2.12	2.45
tblVehicleEF	MDV	516.20	411.39
tblVehicleEF	MDV	105.19	80.91
tblVehicleEF	MDV	0.11	0.07
tblVehicleEF	MDV	0.21	0.29
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.9150e-003	1.5942e-003
tblVehicleEF	MDV	2.3700e-003	1.8286e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7650e-003	1.4706e-003
tblVehicleEF	MDV	2.1790e-003	1.6815e-003
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.17	0.15
tblVehicleEF	MDV	0.12	0.15
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.09	0.41
tblVehicleEF	MDV	0.17	0.32

tblVehicleEF	MDV	5.1680e-003	4.0665e-003
tblVehicleEF	MDV	1.0890e-003	8.0071e-004
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.17	0.15
tblVehicleEF	MDV	0.12	0.15
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.09	0.41
tblVehicleEF	MDV	0.18	0.35
tblVehicleEF	MDV	9.7710e-003	4.0052e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.01	0.80
tblVehicleEF	MDV	2.76	3.20
tblVehicleEF	MDV	484.88	394.33
tblVehicleEF	MDV	105.19	82.33
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.24	0.33
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.9150e-003	1.5942e-003
tblVehicleEF	MDV	2.3700e-003	1.8286e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7650e-003	1.4706e-003
tblVehicleEF	MDV	2.1790e-003	1.6815e-003
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.17	0.15
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.54
tblVehicleEF	MDV	0.20	0.39

tblVehicleEF	MDV	4.8530e-003	3.8976e-003
tblVehicleEF	MDV	1.1000e-003	8.1474e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.17	0.15
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.04	0.02
tblVehicleEF	MDV	0.11	0.54
tblVehicleEF	MDV	0.22	0.43
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.18	1.44
tblVehicleEF	MH	6.52	2.11
tblVehicleEF	MH	1,234.82	1,578.48
tblVehicleEF	MH	60.38	18.87
tblVehicleEF	MH	1.60	1.64
tblVehicleEF	MH	0.92	0.24
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2450e-003	2.6553e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2120e-003	3.2783e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1440e-003	2.4414e-004
tblVehicleEF	MH	1.05	0.80
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.55	0.43
tblVehicleEF	MH	0.13	0.09
tblVehicleEF	MH	0.03	1.69
tblVehicleEF	MH	0.37	0.10

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.1700e-004	1.8676e-004
tblVehicleEF	MH	1.05	0.80
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.55	0.43
tblVehicleEF	MH	0.19	0.12
tblVehicleEF	MH	0.03	1.69
tblVehicleEF	MH	0.41	0.11
tblVehicleEF	MH	0.05	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.29	1.48
tblVehicleEF	MH	6.09	1.98
tblVehicleEF	MH	1,234.82	1,578.55
tblVehicleEF	MH	60.38	18.64
tblVehicleEF	MH	1.51	1.56
tblVehicleEF	MH	0.87	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2450e-003	2.6553e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2120e-003	3.2783e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1440e-003	2.4414e-004
tblVehicleEF	MH	1.44	1.10
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.96	0.74
tblVehicleEF	MH	0.14	0.09
tblVehicleEF	MH	0.03	1.64
tblVehicleEF	MH	0.36	0.09

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.1000e-004	1.8448e-004
tblVehicleEF	MH	1.44	1.10
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.96	0.74
tblVehicleEF	MH	0.19	0.12
tblVehicleEF	MH	0.03	1.64
tblVehicleEF	MH	0.39	0.10
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.13	1.42
tblVehicleEF	MH	6.73	2.18
tblVehicleEF	MH	1,234.82	1,578.45
tblVehicleEF	MH	60.38	18.98
tblVehicleEF	MH	1.60	1.63
tblVehicleEF	MH	0.94	0.25
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2450e-003	2.6553e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2120e-003	3.2783e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1440e-003	2.4414e-004
tblVehicleEF	MH	1.08	0.82
tblVehicleEF	MH	0.12	0.09
tblVehicleEF	MH	0.51	0.40
tblVehicleEF	MH	0.13	0.09
tblVehicleEF	MH	0.03	1.81
tblVehicleEF	MH	0.38	0.10

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2100e-004	1.8783e-004
tblVehicleEF	MH	1.08	0.82
tblVehicleEF	MH	0.12	0.09
tblVehicleEF	MH	0.51	0.40
tblVehicleEF	MH	0.18	0.11
tblVehicleEF	MH	0.03	1.81
tblVehicleEF	MH	0.42	0.11
tblVehicleEF	MHD	0.02	4.0653e-003
tblVehicleEF	MHD	5.3890e-003	2.3926e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.35	0.42
tblVehicleEF	MHD	0.40	0.31
tblVehicleEF	MHD	5.86	1.27
tblVehicleEF	MHD	146.97	80.44
tblVehicleEF	MHD	1,202.27	1,110.79
tblVehicleEF	MHD	56.70	10.83
tblVehicleEF	MHD	0.59	0.50
tblVehicleEF	MHD	1.50	1.40
tblVehicleEF	MHD	11.10	1.63
tblVehicleEF	MHD	6.9600e-004	4.7804e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.0440e-003	6.6575e-003
tblVehicleEF	MHD	8.7700e-004	1.3445e-004
tblVehicleEF	MHD	6.6600e-004	4.5736e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	5.7770e-003	6.3620e-003
tblVehicleEF	MHD	8.0600e-004	1.2362e-004

tblVehicleEF	MHD	8.6200e-004	4.6961e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.6400e-004	3.6794e-004
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.35	0.06
tblVehicleEF	MHD	1.4140e-003	7.6332e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6900e-004	1.0714e-004
tblVehicleEF	MHD	8.6200e-004	4.6961e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.6400e-004	3.6794e-004
tblVehicleEF	MHD	0.07	0.03
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.38	0.06
tblVehicleEF	MHD	0.02	3.8643e-003
tblVehicleEF	MHD	5.4720e-003	2.4460e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.26	0.36
tblVehicleEF	MHD	0.40	0.31
tblVehicleEF	MHD	5.51	1.20
tblVehicleEF	MHD	155.67	80.75
tblVehicleEF	MHD	1,202.27	1,110.80
tblVehicleEF	MHD	56.70	10.70
tblVehicleEF	MHD	0.61	0.50
tblVehicleEF	MHD	1.45	1.34
tblVehicleEF	MHD	11.06	1.63
tblVehicleEF	MHD	5.8700e-004	4.0637e-004

tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.0440e-003	6.6575e-003
tblVehicleEF	MHD	8.7700e-004	1.3445e-004
tblVehicleEF	MHD	5.6100e-004	3.8879e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	5.7770e-003	6.3620e-003
tblVehicleEF	MHD	8.0600e-004	1.2362e-004
tblVehicleEF	MHD	1.2730e-003	6.9170e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.1660e-003	6.4106e-004
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.33	0.06
tblVehicleEF	MHD	1.4960e-003	7.6644e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.6300e-004	1.0585e-004
tblVehicleEF	MHD	1.2730e-003	6.9170e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	1.1660e-003	6.4106e-004
tblVehicleEF	MHD	0.07	0.03
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.36	0.06
tblVehicleEF	MHD	0.02	4.3540e-003
tblVehicleEF	MHD	5.3520e-003	2.3680e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.49	0.50

tblVehicleEF	MHD	0.40	0.30
tblVehicleEF	MHD	6.02	1.31
tblVehicleEF	MHD	134.94	80.00
tblVehicleEF	MHD	1,202.27	1,110.79
tblVehicleEF	MHD	56.70	10.88
tblVehicleEF	MHD	0.56	0.51
tblVehicleEF	MHD	1.50	1.39
tblVehicleEF	MHD	11.12	1.64
tblVehicleEF	MHD	8.4700e-004	5.7701e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.0440e-003	6.6575e-003
tblVehicleEF	MHD	8.7700e-004	1.3445e-004
tblVehicleEF	MHD	8.1000e-004	5.5205e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	5.7770e-003	6.3620e-003
tblVehicleEF	MHD	8.0600e-004	1.2362e-004
tblVehicleEF	MHD	7.9800e-004	4.3163e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.8400e-004	3.2364e-004
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.36	0.06
tblVehicleEF	MHD	1.3000e-003	7.5896e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.7200e-004	1.0771e-004
tblVehicleEF	MHD	7.9800e-004	4.3163e-004
tblVehicleEF	MHD	0.05	0.03

tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.8400e-004	3.2364e-004
tblVehicleEF	MHD	0.07	0.02
tblVehicleEF	MHD	0.02	0.14
tblVehicleEF	MHD	0.39	0.06
tblVehicleEF	OBUS	0.01	8.7076e-003
tblVehicleEF	OBUS	0.01	9.7642e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.59
tblVehicleEF	OBUS	0.72	1.09
tblVehicleEF	OBUS	5.98	2.71
tblVehicleEF	OBUS	107.93	83.74
tblVehicleEF	OBUS	1,335.52	1,532.41
tblVehicleEF	OBUS	69.00	20.78
tblVehicleEF	OBUS	0.50	0.32
tblVehicleEF	OBUS	1.67	1.24
tblVehicleEF	OBUS	2.36	0.75
tblVehicleEF	OBUS	1.1200e-004	1.0728e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3420e-003	7.2660e-003
tblVehicleEF	OBUS	8.9800e-004	2.5596e-004
tblVehicleEF	OBUS	1.0800e-004	1.0264e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	7.0010e-003	6.9275e-003
tblVehicleEF	OBUS	8.2500e-004	2.3535e-004
tblVehicleEF	OBUS	1.3450e-003	2.0587e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05

tblVehicleEF	OBUS	8.6700e-004	1.2748e-003
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.04	0.32
tblVehicleEF	OBUS	0.37	0.13
tblVehicleEF	OBUS	1.0420e-003	7.9767e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.9500e-004	2.0563e-004
tblVehicleEF	OBUS	1.3450e-003	2.0587e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	8.6700e-004	1.2748e-003
tblVehicleEF	OBUS	0.09	0.08
tblVehicleEF	OBUS	0.04	0.32
tblVehicleEF	OBUS	0.41	0.14
tblVehicleEF	OBUS	0.01	8.7890e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.27	0.58
tblVehicleEF	OBUS	0.73	1.12
tblVehicleEF	OBUS	5.60	2.54
tblVehicleEF	OBUS	113.34	82.81
tblVehicleEF	OBUS	1,335.52	1,532.46
tblVehicleEF	OBUS	69.00	20.48
tblVehicleEF	OBUS	0.51	0.30
tblVehicleEF	OBUS	1.60	1.18
tblVehicleEF	OBUS	2.31	0.74
tblVehicleEF	OBUS	9.5000e-005	9.5324e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3420e-003	7.2660e-003

tblVehicleEF	OBUS	8.9800e-004	2.5596e-004
tblVehicleEF	OBUS	9.1000e-005	9.1200e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	7.0010e-003	6.9275e-003
tblVehicleEF	OBUS	8.2500e-004	2.3535e-004
tblVehicleEF	OBUS	1.9070e-003	2.8932e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	1.5650e-003	2.2630e-003
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.04	0.31
tblVehicleEF	OBUS	0.35	0.12
tblVehicleEF	OBUS	1.0940e-003	7.8891e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8800e-004	2.0271e-004
tblVehicleEF	OBUS	1.9070e-003	2.8932e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.5650e-003	2.2630e-003
tblVehicleEF	OBUS	0.10	0.08
tblVehicleEF	OBUS	0.04	0.31
tblVehicleEF	OBUS	0.39	0.13
tblVehicleEF	OBUS	0.01	8.6109e-003
tblVehicleEF	OBUS	0.01	9.6488e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.30	0.60
tblVehicleEF	OBUS	0.72	1.08
tblVehicleEF	OBUS	6.16	2.80
tblVehicleEF	OBUS	100.46	85.02

tblVehicleEF	OBUS	1,335.52	1,532.39
tblVehicleEF	OBUS	69.00	20.92
tblVehicleEF	OBUS	0.47	0.34
tblVehicleEF	OBUS	1.66	1.24
tblVehicleEF	OBUS	2.39	0.76
tblVehicleEF	OBUS	1.3700e-004	1.2379e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3420e-003	7.2660e-003
tblVehicleEF	OBUS	8.9800e-004	2.5596e-004
tblVehicleEF	OBUS	1.3100e-004	1.1843e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	7.0010e-003	6.9275e-003
tblVehicleEF	OBUS	8.2500e-004	2.3535e-004
tblVehicleEF	OBUS	1.2940e-003	2.0190e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	7.8400e-004	1.1644e-003
tblVehicleEF	OBUS	0.08	0.05
tblVehicleEF	OBUS	0.05	0.35
tblVehicleEF	OBUS	0.38	0.13
tblVehicleEF	OBUS	9.7100e-004	8.0976e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.9800e-004	2.0698e-004
tblVehicleEF	OBUS	1.2940e-003	2.0190e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	7.8400e-004	1.1644e-003
tblVehicleEF	OBUS	0.09	0.07

tblVehicleEF	OBUS	0.05	0.35
tblVehicleEF	OBUS	0.41	0.14
tblVehicleEF	SBUS	0.85	0.03
tblVehicleEF	SBUS	0.02	9.4416e-003
tblVehicleEF	SBUS	0.08	2.7372e-003
tblVehicleEF	SBUS	6.39	1.26
tblVehicleEF	SBUS	0.99	0.75
tblVehicleEF	SBUS	7.20	0.43
tblVehicleEF	SBUS	1,217.58	332.94
tblVehicleEF	SBUS	1,112.40	1,097.57
tblVehicleEF	SBUS	41.62	2.06
tblVehicleEF	SBUS	10.75	4.02
tblVehicleEF	SBUS	4.47	7.31
tblVehicleEF	SBUS	14.36	0.63
tblVehicleEF	SBUS	0.01	5.1425e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.6200e-004	3.2735e-005
tblVehicleEF	SBUS	0.01	4.9201e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.7210e-003	2.8312e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.0100e-004	3.0099e-005
tblVehicleEF	SBUS	2.2640e-003	4.9494e-004
tblVehicleEF	SBUS	0.03	5.2412e-003
tblVehicleEF	SBUS	0.76	0.13
tblVehicleEF	SBUS	1.4470e-003	2.4303e-004
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.01	0.03

tblVehicleEF	SBUS	0.36	0.02
tblVehicleEF	SBUS	0.01	3.1568e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.4000e-004	2.0416e-005
tblVehicleEF	SBUS	2.2640e-003	4.9494e-004
tblVehicleEF	SBUS	0.03	5.2412e-003
tblVehicleEF	SBUS	1.10	0.18
tblVehicleEF	SBUS	1.4470e-003	2.4303e-004
tblVehicleEF	SBUS	0.15	0.15
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.40	0.02
tblVehicleEF	SBUS	0.85	0.03
tblVehicleEF	SBUS	0.02	9.5713e-003
tblVehicleEF	SBUS	0.07	2.3802e-003
tblVehicleEF	SBUS	6.25	1.21
tblVehicleEF	SBUS	1.01	0.77
tblVehicleEF	SBUS	5.63	0.34
tblVehicleEF	SBUS	1,277.73	344.72
tblVehicleEF	SBUS	1,112.40	1,097.59
tblVehicleEF	SBUS	41.62	1.91
tblVehicleEF	SBUS	11.09	4.13
tblVehicleEF	SBUS	4.31	7.04
tblVehicleEF	SBUS	14.33	0.63
tblVehicleEF	SBUS	9.1780e-003	4.3416e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.6200e-004	3.2735e-005
tblVehicleEF	SBUS	8.7810e-003	4.1537e-003
tblVehicleEF	SBUS	0.32	0.32

tblVehicleEF	SBUS	2.7210e-003	2.8312e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.0100e-004	3.0099e-005
tblVehicleEF	SBUS	3.1990e-003	6.9798e-004
tblVehicleEF	SBUS	0.03	5.4960e-003
tblVehicleEF	SBUS	0.76	0.13
tblVehicleEF	SBUS	2.6190e-003	4.5759e-004
tblVehicleEF	SBUS	0.12	0.13
tblVehicleEF	SBUS	9.7500e-003	0.03
tblVehicleEF	SBUS	0.32	0.01
tblVehicleEF	SBUS	0.01	3.2681e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.1400e-004	1.8864e-005
tblVehicleEF	SBUS	3.1990e-003	6.9798e-004
tblVehicleEF	SBUS	0.03	5.4960e-003
tblVehicleEF	SBUS	1.09	0.18
tblVehicleEF	SBUS	2.6190e-003	4.5759e-004
tblVehicleEF	SBUS	0.15	0.15
tblVehicleEF	SBUS	9.7500e-003	0.03
tblVehicleEF	SBUS	0.35	0.02
tblVehicleEF	SBUS	0.85	0.03
tblVehicleEF	SBUS	0.02	9.3811e-003
tblVehicleEF	SBUS	0.08	2.9137e-003
tblVehicleEF	SBUS	6.57	1.32
tblVehicleEF	SBUS	0.98	0.75
tblVehicleEF	SBUS	7.98	0.48
tblVehicleEF	SBUS	1,134.53	316.67
tblVehicleEF	SBUS	1,112.40	1,097.55
tblVehicleEF	SBUS	41.62	2.14
tblVehicleEF	SBUS	10.28	3.87

tblVehicleEF	SBUS	4.45	7.28
tblVehicleEF	SBUS	14.38	0.63
tblVehicleEF	SBUS	0.01	6.2487e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.6200e-004	3.2735e-005
tblVehicleEF	SBUS	0.01	5.9784e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.7210e-003	2.8312e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	7.0100e-004	3.0099e-005
tblVehicleEF	SBUS	2.1690e-003	5.1290e-004
tblVehicleEF	SBUS	0.03	5.7416e-003
tblVehicleEF	SBUS	0.77	0.13
tblVehicleEF	SBUS	1.2940e-003	2.1637e-004
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.39	0.02
tblVehicleEF	SBUS	0.01	3.0031e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5400e-004	2.1188e-005
tblVehicleEF	SBUS	2.1690e-003	5.1290e-004
tblVehicleEF	SBUS	0.03	5.7416e-003
tblVehicleEF	SBUS	1.10	0.18
tblVehicleEF	SBUS	1.2940e-003	2.1637e-004
tblVehicleEF	SBUS	0.15	0.15
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.42	0.02
tblVehicleEF	UBUS	1.78	4.89

tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	7.77	38.17
tblVehicleEF	UBUS	7.08	1.23
tblVehicleEF	UBUS	1,933.83	1,906.11
tblVehicleEF	UBUS	113.34	14.21
tblVehicleEF	UBUS	7.53	0.40
tblVehicleEF	UBUS	14.15	0.13
tblVehicleEF	UBUS	0.58	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.0811e-003
tblVehicleEF	UBUS	9.4400e-004	1.6787e-004
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.1456e-003
tblVehicleEF	UBUS	0.11	2.9269e-003
tblVehicleEF	UBUS	8.6800e-004	1.5435e-004
tblVehicleEF	UBUS	2.1660e-003	4.8756e-004
tblVehicleEF	UBUS	0.04	5.1135e-003
tblVehicleEF	UBUS	2.1210e-003	4.1677e-004
tblVehicleEF	UBUS	0.56	0.07
tblVehicleEF	UBUS	9.1180e-003	0.02
tblVehicleEF	UBUS	0.62	0.06
tblVehicleEF	UBUS	0.01	3.7919e-003
tblVehicleEF	UBUS	1.2630e-003	1.4062e-004
tblVehicleEF	UBUS	2.1660e-003	4.8756e-004
tblVehicleEF	UBUS	0.04	5.1135e-003
tblVehicleEF	UBUS	2.1210e-003	4.1677e-004
tblVehicleEF	UBUS	2.40	5.00
tblVehicleEF	UBUS	9.1180e-003	0.02
tblVehicleEF	UBUS	0.68	0.06
tblVehicleEF	UBUS	1.78	4.89

tblVehicleEF	UBUS	0.04	0.01
tblVehicleEF	UBUS	7.79	38.17
tblVehicleEF	UBUS	6.04	1.06
tblVehicleEF	UBUS	1,933.83	1,906.11
tblVehicleEF	UBUS	113.34	13.93
tblVehicleEF	UBUS	7.26	0.40
tblVehicleEF	UBUS	14.10	0.13
tblVehicleEF	UBUS	0.58	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.0811e-003
tblVehicleEF	UBUS	9.4400e-004	1.6787e-004
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.1456e-003
tblVehicleEF	UBUS	0.11	2.9269e-003
tblVehicleEF	UBUS	8.6800e-004	1.5435e-004
tblVehicleEF	UBUS	2.6630e-003	7.0838e-004
tblVehicleEF	UBUS	0.05	5.5753e-003
tblVehicleEF	UBUS	3.7880e-003	7.9861e-004
tblVehicleEF	UBUS	0.56	0.07
tblVehicleEF	UBUS	8.1560e-003	0.02
tblVehicleEF	UBUS	0.57	0.05
tblVehicleEF	UBUS	0.01	3.7919e-003
tblVehicleEF	UBUS	1.2450e-003	1.3782e-004
tblVehicleEF	UBUS	2.6630e-003	7.0838e-004
tblVehicleEF	UBUS	0.05	5.5753e-003
tblVehicleEF	UBUS	3.7880e-003	7.9861e-004
tblVehicleEF	UBUS	2.40	5.00
tblVehicleEF	UBUS	8.1560e-003	0.02
tblVehicleEF	UBUS	0.62	0.06
tblVehicleEF	UBUS	1.77	4.89

tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	7.76	38.17
tblVehicleEF	UBUS	7.54	1.31
tblVehicleEF	UBUS	1,933.83	1,906.11
tblVehicleEF	UBUS	113.34	14.34
tblVehicleEF	UBUS	7.49	0.40
tblVehicleEF	UBUS	14.18	0.14
tblVehicleEF	UBUS	0.58	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.0811e-003
tblVehicleEF	UBUS	9.4400e-004	1.6787e-004
tblVehicleEF	UBUS	0.25	0.03
tblVehicleEF	UBUS	3.0000e-003	7.1456e-003
tblVehicleEF	UBUS	0.11	2.9269e-003
tblVehicleEF	UBUS	8.6800e-004	1.5435e-004
tblVehicleEF	UBUS	2.0060e-003	4.5034e-004
tblVehicleEF	UBUS	0.05	5.9527e-003
tblVehicleEF	UBUS	1.9230e-003	3.7257e-004
tblVehicleEF	UBUS	0.56	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.65	0.06
tblVehicleEF	UBUS	0.01	3.7919e-003
tblVehicleEF	UBUS	1.2710e-003	1.4191e-004
tblVehicleEF	UBUS	2.0060e-003	4.5034e-004
tblVehicleEF	UBUS	0.05	5.9527e-003
tblVehicleEF	UBUS	1.9230e-003	3.7257e-004
tblVehicleEF	UBUS	2.40	5.00
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.71	0.07
tblVehicleTrips	WD_TR	15.43	29.11

tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	977,196.11	492,020.00
tblWater	OutdoorWaterUseRate	2,512,790.00	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction

- Construction Modeled Separately

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1707	0.0000	3.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-004	6.0000e-004	0.0000	0.0000	6.4000e-004
Energy	7.8000e-004	7.0900e-003	5.9500e-003	4.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	42.4366	42.4366	2.2700e-003	5.8000e-004	42.6661
Mobile	0.4135	0.3475	2.8378	5.6300e-003	0.5780	4.5200e-003	0.5825	0.1543	4.2100e-003	0.1585	0.0000	520.6738	520.6738	0.0406	0.0000	521.6891
Waste						0.0000	0.0000		0.0000	0.0000	10.3525	0.0000	10.3525	0.6118	0.0000	25.6480
Water						0.0000	0.0000		0.0000	0.0000	0.1741	1.3809	1.5550	5.0800e-003	4.0000e-004	1.8001
Total	**0.5849**	**0.3546**	**2.8441**	**5.6700e-003**	**0.5780**	**5.0600e-003**	**0.5830**	**0.1543**	**4.7500e-003**	**0.1590**	**10.5266**	**564.4919**	**575.0185**	**0.6598**	**9.8000e-004**	**591.8038**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1707	0.0000	3.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-004	6.0000e-004	0.0000	0.0000	6.4000e-004
Energy	7.8000e-004	7.0900e-003	5.9500e-003	4.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	42.4366	42.4366	2.2700e-003	5.8000e-004	42.6661
Mobile	0.4135	0.3475	2.8378	5.6300e-003	0.5780	4.5200e-003	0.5825	0.1543	4.2100e-003	0.1585	0.0000	520.6738	520.6738	0.0406	0.0000	521.6891
Waste						0.0000	0.0000		0.0000	0.0000	10.3525	0.0000	10.3525	0.6118	0.0000	25.6480
Water						0.0000	0.0000		0.0000	0.0000	0.1741	1.3809	1.5550	5.0800e-003	4.0000e-004	1.8001
Total	**0.5849**	**0.3546**	**2.8441**	**5.6700e-003**	**0.5780**	**5.0600e-003**	**0.5830**	**0.1543**	**4.7500e-003**	**0.1590**	**10.5266**	**564.4919**	**575.0185**	**0.6598**	**9.8000e-004**	**591.8038**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

-Construction Modeled Separately

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4135	0.3475	2.8378	5.6300e-003	0.5780	4.5200e-003	0.5825	0.1543	4.2100e-003	0.1585	0.0000	520.6738	520.6738	0.0406	0.0000	521.6891

Unmitigated	0.4135	0.3475	2.8378	5.6300e-003	0.5780	4.5200e-003	0.5825	0.1543	4.2100e-003	0.1585	0.0000	520.6738	520.6738	0.0406	0.0000	521.6891

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	981.01	0.00	0.00	1,545,043	1,545,043
Total	981.01	0.00	0.00	1,545,043	1,545,043

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.553514	0.062792	0.181046	0.120736	0.024419	0.006214	0.008493	0.006184	0.000715	0.000556	0.029185	0.000982	0.005164

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	34.7216	34.7216	2.1200e-003	4.4000e-004	34.9052

Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	34.7216	34.7216	2.1200e-003	4.4000e-004	34.9052
NaturalGas Mitigated	7.8000e-004	7.0900e-003	5.9500e-003	4.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	7.7150	7.7150	1.5000e-004	1.4000e-004	7.7608
NaturalGas Unmitigated	7.8000e-004	7.0900e-003	5.9500e-003	4.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	7.7150	7.7150	1.5000e-004	1.4000e-004	7.7608

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	144573	7.8000e-004	7.0900e-003	5.9500e-003	4.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	7.7150	7.7150	1.5000e-004	1.4000e-004	7.7608
Total		**7.8000e-004**	**7.0900e-003**	**5.9500e-003**	**4.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**7.7150**	**7.7150**	**1.5000e-004**	**1.4000e-004**	**7.7608**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	144573	7.8000e-004	7.0900e-003	5.9500e-003	4.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	7.7150	7.7150	1.5000e-004	1.4000e-004	7.7608
Total		**7.8000e-004**	**7.0900e-003**	**5.9500e-003**	**4.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**7.7150**	**7.7150**	**1.5000e-004**	**1.4000e-004**	**7.7608**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	161086	34.7216	2.1200e-003	4.4000e-004	34.9052
Total		**34.7216**	**2.1200e-003**	**4.4000e-004**	**34.9052**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	161086	34.7216	2.1200e-003	4.4000e-004	34.9052
Total		**34.7216**	**2.1200e-003**	**4.4000e-004**	**34.9052**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1707	0.0000	3.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-004	6.0000e-004	0.0000	0.0000	6.4000e-004
Unmitigated	0.1707	0.0000	3.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-004	6.0000e-004	0.0000	0.0000	6.4000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0391					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1316					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-004	6.0000e-004	0.0000	0.0000	6.4000e-004
Total	**0.1707**	**0.0000**	**3.1000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-004**	**6.0000e-004**	**0.0000**	**0.0000**	**6.4000e-004**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0391					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1316					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Landscaping	3.0000e-005	0.0000	3.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-004	6.0000e-004	0.0000	0.0000	6.4000e-004
Total	**0.1707**	**0.0000**	**3.1000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-004**	**6.0000e-004**	**0.0000**	**0.0000**	**6.4000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1.5550	5.0800e-003	4.0000e-004	1.8001
Unmitigated	1.5550	5.0800e-003	4.0000e-004	1.8001

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	0.49202 / 0	1.5550	5.0800e-003	4.0000e-004	1.8001
Total		**1.5550**	**5.0800e-003**	**4.0000e-004**	**1.8001**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	0.49202 / 0	1.5550	5.0800e-003	4.0000e-004	1.8001
Total		**1.5550**	**5.0800e-003**	**4.0000e-004**	**1.8001**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.3525	0.6118	0.0000	25.6480
Unmitigated	10.3525	0.6118	0.0000	25.6480

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	51	10.3525	0.6118	0.0000	25.6480
Total		**10.3525**	**0.6118**	**0.0000**	**25.6480**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	51	10.3525	0.6118	0.0000	25.6480
Total		**10.3525**	**0.6118**	**0.0000**	**25.6480**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

3. CalEEMod Output
e. Existing Operation

MUIR School - Existing Operational Only - San Diego County, Annual

MUIR School - Existing Operational Only

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	7.68	1000sqft	3.48	7,680.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2018
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	475.2	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions

Construction Phase - No construction for existing conditions

Vehicle Trips - No change in existing trips

Energy Use - See Assumptions

Water And Wastewater - See Assumptions

Solid Waste - See Assumptions

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	2.54	2.79

tblEnergyUse	T24E	1.52	1.59
tblEnergyUse	T24NG	5.44	5.71
tblLandUse	LotAcreage	0.18	3.48
tblProjectCharacteristics	CO2IntensityFactor	720.49	475.2
tblSolidWaste	SolidWasteGenerationRate	9.98	12.00
tblVehicleTrips	WD_TR	15.43	0.00
tblWater	AerobicPercent	87.46	97.54
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.46
tblWater	IndoorWaterUseRate	222,696.32	112,128.00
tblWater	OutdoorWaterUseRate	572,647.69	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction

- No Construction

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0389	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.4000e-004	1.4000e-004	0.0000	0.0000	1.5000e-004
Energy	2.6000e-004	2.3300e-003	1.9600e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	11.7484	11.7484	6.1000e-004	1.6000e-004	11.8121
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	2.4359	0.0000	2.4359	0.1440	0.0000	6.0348
Water						0.0000	0.0000		0.0000	0.0000	0.0397	0.3147	0.3544	1.1600e-003	9.0000e-005	0.4102
Total	**0.0392**	**2.3300e-003**	**2.0300e-003**	**1.0000e-005**	**0.0000**	**1.8000e-004**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**1.8000e-004**	**2.4756**	**12.0632**	**14.5388**	**0.1457**	**2.5000e-004**	**18.2573**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0389	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.4000e-004	1.4000e-004	0.0000	0.0000	1.5000e-004
Energy	2.6000e-004	2.3300e-003	1.9600e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	11.7484	11.7484	6.1000e-004	1.6000e-004	11.8121
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	2.4359	0.0000	2.4359	0.1440	0.0000	6.0348
Water						0.0000	0.0000		0.0000	0.0000	0.0397	0.3147	0.3544	1.1600e-003	9.0000e-005	0.4102
Total	**0.0392**	**2.3300e-003**	**2.0300e-003**	**1.0000e-005**	**0.0000**	**1.8000e-004**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**1.8000e-004**	**2.4756**	**12.0632**	**14.5388**	**0.1457**	**2.5000e-004**	**18.2573**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

-No Construction

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.574135	0.045525	0.189369	0.116519	0.019283	0.005646	0.014833	0.022073	0.001871	0.002173	0.006385	0.000739	0.001452

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	9.2107	9.2107	5.6000e-004	1.2000e-004	9.2594
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	9.2107	9.2107	5.6000e-004	1.2000e-004	9.2594
NaturalGas Mitigated	2.6000e-004	2.3300e-003	1.9600e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5377	2.5377	5.0000e-005	5.0000e-005	2.5528
NaturalGas Unmitigated	2.6000e-004	2.3300e-003	1.9600e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5377	2.5377	5.0000e-005	5.0000e-005	2.5528

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	47554.6	2.6000e-004	2.3300e-003	1.9600e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5377	2.5377	5.0000e-005	5.0000e-005	2.5528
Total		**2.6000e-004**	**2.3300e-003**	**1.9600e-003**	**1.0000e-005**		**1.8000e-004**	**1.8000e-004**		**1.8000e-004**	**1.8000e-004**	**0.0000**	**2.5377**	**2.5377**	**5.0000e-005**	**5.0000e-005**	**2.5528**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	47554.6	2.6000e-004	2.3300e-003	1.9600e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5377	2.5377	5.0000e-005	5.0000e-005	2.5528
Total		**2.6000e-004**	**2.3300e-003**	**1.9600e-003**	**1.0000e-005**		**1.8000e-004**	**1.8000e-004**		**1.8000e-004**	**1.8000e-004**	**0.0000**	**2.5377**	**2.5377**	**5.0000e-005**	**5.0000e-005**	**2.5528**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	42731.5	9.2107	5.6000e-004	1.2000e-004	9.2594
Total		**9.2107**	**5.6000e-004**	**1.2000e-004**	**9.2594**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	42731.5	9.2107	5.6000e-004	1.2000e-004	9.2594
Total		**9.2107**	**5.6000e-004**	**1.2000e-004**	**9.2594**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0389	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.4000e-004	1.4000e-004	0.0000	0.0000	1.5000e-004
Unmitigated	0.0389	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.4000e-004	1.4000e-004	0.0000	0.0000	1.5000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	8.9000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0300					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.4000e-004	1.4000e-004	0.0000	0.0000	1.5000e-004
Total	**0.0389**	**0.0000**	**7.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.4000e-004**	**1.4000e-004**	**0.0000**	**0.0000**	**1.5000e-004**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

SubCategory	tons/yr										MT/yr					
Architectural Coating	8.9000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0300					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.4000e-004	1.4000e-004	0.0000	0.0000	1.5000e-004
Total	**0.0389**	**0.0000**	**7.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.4000e-004**	**1.4000e-004**	**0.0000**	**0.0000**	**1.5000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.3544	1.1600e-003	9.0000e-005	0.4102
Unmitigated	0.3544	1.1600e-003	9.0000e-005	0.4102

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	0.112128 / 0	0.3544	1.1600e-003	9.0000e-005	0.4102

Total		**0.3544**	**1.1600e-003**	**9.0000e-005**	**0.4102**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	0.112128 / 0	0.3544	1.1600e-003	9.0000e-005	0.4102
Total		**0.3544**	**1.1600e-003**	**9.0000e-005**	**0.4102**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2.4359	0.1440	0.0000	6.0348
Unmitigated	2.4359	0.1440	0.0000	6.0348

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	12	2.4359	0.1440	0.0000	6.0348
Total		**2.4359**	**0.1440**	**0.0000**	**6.0348**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	12	2.4359	0.1440	0.0000	6.0348
Total		**2.4359**	**0.1440**	**0.0000**	**6.0348**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Appendix G
Noise Worksheets

ESA

Appendix G: Noise and Vibration

Table of Contents

1. Construction Noise Calculations
2. Traffic Noise Calculations

Project: John Muir School - Phase 1

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	8	Daytime hours (7 am to 7 pm)
	0	Evening hours (7 pm to 10 pm)
	0	Nighttime hours (10 pm to 7 am)
Leq to L10 factor	3	

				R1					R2				
Construction Phase **Equipment Type**	**No. of Equip.**	**Reference Noise Level at 50ft, Lmax**	**Acoustical Usage Factor**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**
Demolition					**72**	***68***				**73**	***69***		
Dozer	1	82	40%	300	66	62	65	0	245	68	64	67	0
Concrete Saw	1	90	20%	400	72	65	68	0	345	73	66	69	0
Tractor/Loader/Backhoe	3	80	25%	500	65	59	62	0	445	66	60	63	0
Site Preparation					**69**	***67***				**71**	***69***		
Graders	1	85	40%	300	69	65	68	0	245	71	67	70	0
Scrapers	1	84	40%	400	66	62	65	0	345	67	63	66	0
Tractor/Loader/Backhoe	1	80	25%	500	60	54	57	0	445	61	55	58	0
Grading					**69**	***67***				**71**	***69***		
Graders	1	85	40%	300	69	65	68	0	245	71	67	70	0
Dozer	1	82	40%	400	64	60	63	0	345	65	61	64	0
Tractor/Loader/Backhoe	2	80	25%	500	63	57	60	0	445	64	58	61	0
Building Construction					**65**	***63***				**67**	***65***		
Cranes	1	81	16%	300	65	57	60	0	245	67	59	62	0
Forklift	2	75	10%	400	60	50	53	0	345	61	51	54	0
Generator Sets	1	81	50%	400	63	60	63	0	345	64	61	64	0
Tractor/Loader/Backhoe	1	80	25%	500	60	54	57	0	445	61	55	58	0
Welders	3	74	40%	500	59	55	58	0	445	60	56	59	0
Paving					**67**	***66***				**68**	***68***		
Cement and Mortar Mixers	1	79	40%	300	63	59	62	0	245	65	61	64	0
Paver	1	77	50%	400	59	56	59	0	345	60	57	60	0
Other Equipment	1	85	50%	400	67	64	67	0	345	68	65	68	0
Roller	2	80	20%	500	63	56	59	0	445	64	57	60	0
Tractor/Loader/Backhoe	1	80	25%	500	60	54	57	0	445	61	55	58	0
Architectural Coating					**62**	***58***				**64**	***60***		
Air Compressor	1	78	40%	300	62	58	61	0	245	64	60	63	0
Maximum Noise Level (Overlapping Phases)						***68***					***69***		

Source for Ref. Noise Levels: LA CEQA Guides, 2006 & FHWA RCNM, 2005

Project: John Muir School - Phase 1

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	8	Daytime hours (7 am to 7 pm)
	0	Evening hours (7 pm to 10 pm)
	0	Nighttime hours (10 pm to 7 am)
Leq to L10 factor	3	

				R3					R4					R5					R6					R7				
Construction Phase **Equipment Type**	**No. of Equip.**	**Reference Noise Level at 50ft, Lmax**	**Acoustical Usage Factor**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**
Demolition					**69**	***67***				**69**	***67***				**73**	***69***				**88**	***84***				**82**	***79***		
Dozer	1	82	40%	225	69	65	68	0	225	69	65	68	0	25	73	69	72	15	25	88	84	87	0	50	82	78	81	0
Concrete Saw	1	90	20%	575	69	62	65	0	575	69	62	65	0	200	63	56	59	15	200	78	71	74	0	150	80	73	76	0
Tractor/Loader/Backhoe	3	80	25%	725	62	56	59	0	725	62	56	59	0	300	54	48	51	15	300	69	63	66	0	250	71	65	68	0
Site Preparation					**72**	***69***				**72**	***69***				**76**	***72***				**91**	***87***				**85**	***81***		
Graders	1	85	40%	225	72	68	71	0	225	72	68	71	0	25	76	72	75	15	25	91	87	90	0	50	85	81	84	0
Scrapers	1	84	40%	575	63	59	62	0	575	63	59	62	0	200	57	53	56	15	200	72	68	71	0	150	74	70	73	0
Tractor/Loader/Backhoe	1	80	25%	725	57	51	54	0	725	57	51	54	0	300	49	43	46	15	300	64	58	61	0	250	66	60	63	0
Grading					**72**	***68***				**72**	***68***				**76**	***72***				**91**	***87***				**85**	***81***		
Graders	1	85	40%	225	72	68	71	0	225	72	68	71	0	25	76	72	75	15	25	91	87	90	0	50	85	81	84	0
Dozer	1	82	40%	575	61	57	60	0	575	61	57	60	0	200	55	51	54	15	200	70	66	69	0	150	72	68	71	0
Tractor/Loader/Backhoe	2	80	25%	725	60	54	57	0	725	60	54	57	0	200	56	50	53	15	200	71	65	68	0	250	69	63	66	0
Building Construction					**68**	***63***				**68**	***63***				**72**	***64***				**87**	***81***				**81**	***75***		
Cranes	1	81	16%	225	68	60	63	0	225	68	60	63	0	25	72	64	67	15	25	87	79	82	0	50	81	73	76	0
Forklift	2	75	10%	575	57	47	50	0	575	57	47	50	0	200	51	41	44	15	200	87	77	80	0	150	68	58	61	0
Generator Sets	1	81	50%	575	60	57	60	0	575	60	57	60	0	200	54	51	54	15	200	69	66	69	0	150	71	68	71	0
Tractor/Loader/Backhoe	1	80	25%	725	57	51	54	0	725	57	51	54	0	300	49	43	46	15	300	64	58	61	0	250	66	60	63	0
Welders	3	74	40%	725	56	52	55	0	725	56	52	55	0	300	48	44	47	15	300	63	59	62	0	250	65	61	64	0
Paving					**66**	***65***				**66**	***65***				**70**	***66***				**85**	***81***				**79**	***77***		
Cement and Mortar Mixers	1	79	40%	225	66	62	65	0	225	66	62	65	0	25	70	66	69	15	25	85	81	84	0	50	79	75	78	0
Paver	1	77	50%	575	56	53	56	0	575	56	53	56	0	200	50	47	50	15	200	65	62	65	0	150	67	64	67	0
Other Equipment	1	85	50%	575	64	61	64	0	575	64	61	64	0	200	58	55	58	15	200	73	70	73	0	150	75	72	75	0
Roller	2	80	20%	725	60	53	56	0	725	60	53	56	0	300	52	45	48	15	300	67	60	63	0	250	69	62	65	0
Tractor/Loader/Backhoe	1	80	25%	725	57	51	54	0	725	57	51	54	0	300	49	43	46	15	300	64	58	61	0	250	66	60	63	0
Architectural Coating					**65**	***61***				**65**	***61***				**51**	***47***				**66**	***62***				**68**	***64***		
Air Compressor	1	78	40%	225	65	61	64	0	225	65	61	64	0	200	51	47	50	15	200	66	62	65	0	150	68	64	67	0
Maximum Noise Level (Overlapping Phases)						***69***					***69***					***72***					***87***					***81***		

Source for Ref. Noise Levels: LA CEQA Guides, 2006 & FHWA RCNM, 2005

Project: John Muir School - Phase 2

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	8	Daytime hours (7 am to 7 pm)
	0	Evening hours (7 pm to 10 pm)
	0	Nighttime hours (10 pm to 7 am)
Leq to L10 factor	3	

				R1					R2				
Construction Phase **Equipment Type**	**No. of Equip.**	**Reference Noise Level at 50ft, Lmax**	**Acoustical Usage Factor**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**
Demolition					**72**	***68***				**82**	***79***		
Dozer	1	82	40%	300	66	62	65	0	50	82	78	81	0
Concrete Saw	1	90	20%	400	72	65	68	0	150	80	73	76	0
Tractor/Loader/Backhoe	3	80	25%	500	65	59	62	0	250	71	65	68	0
Grading					**69**	***67***				**85**	***81***		
Graders	1	85	40%	300	69	65	68	0	50	85	81	84	0
Dozer	1	82	40%	400	64	60	63	0	150	72	68	71	0
Tractor/Loader/Backhoe	1	80	25%	500	60	54	57	0	250	66	60	63	0
Building Construction					**65**	***63***				**81**	***75***		
Cranes	1	81	16%	300	65	57	60	0	50	81	73	76	0
Forklift	1	75	10%	400	57	47	50	0	150	65	55	58	0
Generator Sets	1	81	50%	400	63	60	63	0	150	71	68	71	0
Tractor/Loader/Backhoe	1	80	25%	500	60	54	57	0	250	66	60	63	0
Welders	3	74	40%	500	59	55	58	0	250	65	61	64	0
Paving					**67**	***66***				**79**	***77***		
Cement and Mortar Mixers	1	79	40%	300	63	59	62	0	50	79	75	78	0
Paver	1	77	50%	400	59	56	59	0	150	67	64	67	0
Other Equipment	1	85	50%	400	67	64	67	0	150	75	72	75	0
Roller	1	80	20%	400	62	55	58	0	250	66	59	62	0
Tractor/Loader/Backhoe	1	80	25%	400	62	56	59	0	250	66	60	63	0
Architectural Coating					**62**	***58***				**68**	***64***		
Air Compressor	1	78	40%	300	62	58	61	0	150	68	64	67	0
Maximum Noise Level (Overlapping Phases)													
Building Construction + Paving						***68***					***79***		
Building Construction + Architectural Coating						***65***					***75***		

Source for Ref. Noise Levels: LA CEQA Guides, 2006 & FHWA RCNM, 2005

Project: John Muir School - Phase 2

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	8	Daytime hours (7 am to 7 pm)
	0	Evening hours (7 pm to 10 pm)
	0	Nighttime hours (10 pm to 7 am)
Leq to L10 factor	3	

				R3					R4					R5					R6					R7				
Construction Phase **Equipment Type**	**No. of Equip.**	**Reference Noise Level at 50ft, Lmax**	**Acoustical Usage Factor**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L11**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L11**	**Estimated Noise Shielding, dBA**
Demolition					**75**	***71***				**75**	***71***				**68**	***64***				**68**	***64***				**82**	***79***		
Dozer	1	82	40%	180	71	67	70	0	180	71	67	70	0	500	62	58	61	0	500	62	58	61	0	50	82	78	81	0
Concrete Saw	1	90	20%	280	75	68	71	0	280	75	68	71	0	600	68	61	64	0	600	68	61	64	0	150	80	73	76	0
Tractor/Loader/Backhoe	3	80	25%	380	67	61	64	0	380	67	61	64	0	700	62	56	59	0	700	62	56	59	0	250	71	65	68	0
Grading					**74**	***71***				**74**	***71***				**65**	***63***				**65**	***63***				**85**	***81***		
Graders	1	85	40%	180	74	70	73	0	180	74	70	73	0	500	65	61	64	0	500	65	61	64	0	50	85	81	84	0
Dozer	1	82	40%	280	67	63	66	0	280	67	63	66	0	600	60	56	59	0	600	60	56	59	0	150	72	68	71	0
Tractor/Loader/Backhoe	1	80	25%	380	62	56	59	0	380	62	56	59	0	700	57	51	54	0	700	57	51	54	0	250	66	60	63	0
Building Construction					**70**	***67***				**70**	***67***				**61**	***60***				**61**	***61***				**81**	***75***		
Cranes	1	81	16%	180	70	62	65	0	180	70	62	65	0	500	61	53	56	0	500	61	53	56	0	50	81	73	76	0
Forklift	1	75	10%	280	60	50	53	0	280	60	50	53	0	600	53	43	46	0	600	61	51	54	0	150	65	55	58	0
Generator Sets	1	81	50%	280	66	63	66	0	280	66	63	66	0	600	59	56	59	0	600	59	56	59	0	150	71	68	71	0
Tractor/Loader/Backhoe	1	80	25%	380	62	56	59	0	380	62	56	59	0	600	58	52	55	0	600	58	52	55	0	250	66	60	63	0
Welders	3	74	40%	380	61	57	60	0	380	61	57	60	0	600	57	53	56	0	600	57	53	56	0	250	65	61	64	0
Paving					**70**	***70***				**70**	***70***				**63**	***63***				**63**	***63***				**79**	***77***		
Cement and Mortar Mixers	1	79	40%	180	68	64	67	0	180	68	64	67	0	500	59	55	58	0	500	59	55	58	0	50	79	75	78	0
Paver	1	77	50%	280	62	59	62	0	280	62	59	62	0	600	55	52	55	0	600	55	52	55	0	150	67	64	67	0
Other Equipment	1	85	50%	280	70	67	70	0	280	70	67	70	0	600	63	60	63	0	600	63	60	63	0	150	75	72	75	0
Roller	1	80	20%	380	62	55	58	0	380	62	55	58	0	600	58	51	54	0	600	58	51	54	0	250	66	59	62	0
Tractor/Loader/Backhoe	1	80	25%	380	62	56	59	0	380	62	56	59	0	600	58	52	55	0	600	58	52	55	0	250	66	60	63	0
Architectural Coating					**67**	***63***				**67**	***63***				**58**	***54***				**58**	***54***				**68**	***64***		
Air Compressor	1	78	40%	180	67	63	66	0	180	67	63	66	0	500	58	54	57	0	500	58	54	57	0	150	68	64	67	0
Maximum Noise Level (Overlapping Phases)																												
Building Construction + Paving						***71***					***71***					***65***					***65***					***79***		
Building Construction + Architectural Coating						***68***					***68***					***61***					***61***					***75***		

Source for Ref. Noise Levels: LA CEQA Guides, 2006 & FHWA RCNM, 2005

Project: John Muir School - Phase 3

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	8	Daytime hours (7 am to 7 pm)
	0	Evening hours (7 pm to 10 pm)
	0	Nighttime hours (10 pm to 7 am)
Leq to L10 factor	3	

				R1					R2				
Construction Phase **Equipment Type**	**No. of Equip.**	**Reference Noise Level at 50ft, Lmax**	**Acoustical Usage Factor**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**
Demolition					**68**	***64***				**68**	***64***		
Dozer	1	82	40%	500	62	58	61	0	500	62	58	61	0
Concrete Saw	1	90	20%	600	68	61	64	0	600	68	61	64	0
Tractor/Loader/Backhoe	3	80	25%	700	62	56	59	0	600	63	57	60	0
Grading					**65**	***63***				**65**	***63***		
Graders	1	85	40%	500	65	61	64	0	500	65	61	64	0
Dozer	1	82	40%	600	60	56	59	0	600	60	56	59	0
Tractor/Loader/Backhoe	1	80	25%	600	58	52	55	0	600	58	52	55	0
Paving					**63**	***63***				**63**	***63***		
Cement and Mortar Mixers	1	79	40%	500	59	55	58	0	500	59	55	58	0
Paver	1	77	50%	600	55	52	55	0	600	55	52	55	0
Other Equipment	1	85	50%	600	63	60	63	0	600	63	60	63	0
Roller	1	80	20%	600	58	51	54	0	600	58	51	54	0
Tractor/Loader/Backhoe	1	80	25%	600	58	52	55	0	600	58	52	55	0
Maximum Noise Level (Overlapping Phases)						***64***					***64***		

Source for Ref. Noise Levels: LA CEQA Guides, 2006 & FHWA RCNM, 2005

Project: John Muir School - Phase 3

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	8	Daytime hours (7 am to 7 pm)
	0	Evening hours (7 pm to 10 pm)
	0	Nighttime hours (10 pm to 7 am)
Leq to L10 factor	3	

				R3					R4					R5					R6					R7				
Construction Phase **Equipment Type**	**No. of Equip.**	**Reference Noise Level at 50ft, Lmax**	**Acoustical Usage Factor**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**
Demolition					**74**	***70***				**82**	***79***				**88**	***84***				**88**	***84***				**82**	***79***		
Dozer	1	82	40%	220	69	65	68	0	50	82	78	81	0	25	88	84	87	0	25	88	84	87	0	50	82	78	81	0
Concrete Saw	1	90	20%	320	74	67	70	0	150	80	73	76	0	200	78	71	74	0	200	78	71	74	0	150	80	73	76	0
Tractor/Loader/Backhoe	3	80	25%	420	66	60	63	0	250	71	65	68	0	300	69	63	66	0	300	69	63	66	0	250	71	65	68	0
Grading					**72**	***69***				**85**	***81***				**91**	***87***				**91**	***87***				**85**	***81***		
Graders	1	85	40%	220	72	68	71	0	50	85	81	84	0	25	91	87	90	0	25	91	87	90	0	50	85	81	84	0
Dozer	1	82	40%	320	66	62	65	0	150	72	68	71	0	200	70	66	69	0	200	70	66	69	0	150	72	68	71	0
Tractor/Loader/Backhoe	1	80	25%	320	64	58	61	0	250	66	60	63	0	300	64	58	61	0	200	68	62	65	0	250	66	60	63	0
Paving					**69**	***69***				**79**	***77***				**85**	***81***				**85**	***81***				**79**	***77***		
Cement and Mortar Mixers	1	79	40%	220	66	62	65	0	50	79	75	78	0	25	85	81	84	0	25	85	81	84	0	50	79	75	78	0
Paver	1	77	50%	320	61	58	61	0	150	67	64	67	0	200	65	62	65	0	200	65	62	65	0	150	67	64	67	0
Other Equipment	1	85	50%	320	69	66	69	0	150	75	72	75	0	200	73	70	73	0	200	73	70	73	0	150	75	72	75	0
Roller	1	80	20%	320	64	57	60	0	250	66	59	62	0	300	64	57	60	0	300	64	57	60	0	250	66	59	62	0
Tractor/Loader/Backhoe	1	80	25%	320	64	58	61	0	250	66	60	63	0	300	64	58	61	0	300	64	58	61	0	250	66	60	63	0
Maximum Noise Level (Overlapping Phases)						***70***					***81***					***87***					***87***					***81***		

Source for Ref. Noise Levels: LA CEQA Guides, 2006 & FHWA RCNM, 2005

TRAFFIC NOISE ANALYSIS TOOL

Project Name: John Muir School
Analysis Scenario: Off-Site Construction Noise
Source of Traffic Volumes: CalEEMod Inputs and Assumptions

Roadway Segment	Ground Type	Distance from Roadway to Receiver (feet)	Speed (mph)			Peak Hour Volume			Peak Hour Noise Level (Leq(h) dBA)	Noise Level dBA CNEL
			Auto	MT	HT	Auto	MT	HT		
Phase 1	Hard	40	35	35	35	20	2	1	51.9	52.2
Phase 2	Hard	40	35	35	35	7	1	1	49.7	50.0
Phase 3	Hard	40	35	35	35	7	0	1	48.5	48.8

Model Notes:
The calculation is based on the methodology described in FHWA Traffic Noise Model Technical Manual (1998).
The peak hour noise level at 50 feet was validated with the results from FHWA Traffic Noise Model Version 2.5.
Accuracy of the calculation is within ±0.1 dB when comparing to TNM results.
Noise propagation greater than 50 feet is based on the following assumptions:
For hard ground, the propagation rate is 3 dB per doubling the distance.
For soft ground, the propagation rate is 4.5 dB per doubling the distance.
Vehicles are assumed to be on a long straight roadway with cruise speed.
Roadway grade is less than 1.5%.
CNEL levels were obtained based on Figure 2-19, on page 2-58 Caltran's TeNS 2013.

TRAFFIC NOISE ANALYSIS TOOL

Project Name: John Muir School
Analysis Scenario: Existing Baseline
Source of Traffic Volumes: Linscott, Law, and Greenspan

Roadway Segment	Ground Type	Distance from Roadway to Receiver (feet)	Speed (mph)			Peak Hour Volume			Peak Hour Noise Level (Leq(h) dBA)	Noise Level dBA CNEL
			Auto	MT	HT	Auto	MT	HT		
Genessee Ave										
Between Chateau Dr and Mt. Herbert Ave	Hard	40	35	35	35	2,581	53	27	70.1	70.4
Between Mt. Foraker Ave and Mt. Etna Dr	Hard	40	35	35	35	2,357	49	24	69.7	70.0
Between Balboa Ave and Mt. Alifan Dr	Hard	40	35	35	35	2,208	46	23	69.4	69.7
Mt. Herbert Ave										
Between Mt. Gaywas Dr and Mt. Etna Dr	Hard	40	25	25	25	233	5	2	56.5	56.8
Between Mt. Etna Dr and Mt. King Dr	Hard	40	25	25	25	368	8	4	58.5	58.8
Mt. Everest Blvd										
Between Mt. Etna Dr and Mt. Durban Dr	Hard	40	25	25	25	423	9	4	59.1	59.4
Mt. Culebra Ave										
Between Mt. Durban Dr and Mt. Casas Dr	Hard	40	25	25	25	161	3	2	54.9	55.2
Balboa Ave										
Between Clairemont Dr and Mt. Culebra Ave	Hard	40	35	35	35	3,374	70	35	71.2	71.5
Between Mt. Everest Blvd and Genessee Ave	Hard	40	35	35	35	3,209	66	33	71.0	71.3
Between Genessee Ave and Mt. Alifan Dr	Hard	40	35	35	35	3,340	69	34	71.2	71.5

Model Notes:
The calculation is based on the methodology described in FHWA Traffic Noise Model Technical Manual (1998).
The peak hour noise level at 50 feet was validated with the results from FHWA Traffic Noise Model Version 2.5.
Accuracy of the calculation is within ±0.1 dB when comparing to TNM results.
Noise propagation greater than 50 feet is based on the following assumptions:
For hard ground, the propagation rate is 3 dB per doubling the distance.
For soft ground, the propagation rate is 4.5 dB per doubling the distance.
Vehicles are assumed to be on a long straight roadway with cruise speed.
Roadway grade is less than 1.5%.
CNEL levels were obtained based on Figure 2-19, on page 2-58 Caltran's TeNS 2013.

TRAFFIC NOISE ANALYSIS TOOL

Project Name: John Muir School
Analysis Scenario: Existing + Project
Source of Traffic Volumes: Linscott, Law, and Greenspan

Roadway Segment	Ground Type	Distance from Roadway to Receiver (feet)	Speed (mph)			Peak Hour Volume			Peak Hour Noise Level (Leq(h) dBA)	Noise Level dBA CNEL
			Auto	MT	HT	Auto	MT	HT		
Genessee Ave										
Between Chateau Dr and Mt. Herbert Ave	Hard	40	35	35	35	2,610	54	27	70.1	70.4
Between Mt. Foraker Ave and Mt. Etna Dr	Hard	40	35	35	35	2,368	49	24	69.7	70.0
Between Balboa Ave and Mt. Alifan Dr	Hard	40	35	35	35	2,228	46	23	69.4	69.7
Mt. Herbert Ave										
Between Mt. Gaywas Dr and Mt. Etna Dr	Hard	40	25	25	25	272	6	3	57.2	57.5
Between Mt. Etna Dr and Mt. King Dr	Hard	40	25	25	25	394	8	4	58.8	59.1
Mt. Everest Blvd										
Between Mt. Etna Dr and Mt. Durban Dr	Hard	40	25	25	25	439	9	5	59.2	59.5
Mt. Culebra Ave										
Between Mt. Durban Dr and Mt. Casas Dr	Hard	40	25	25	25	172	4	2	55.2	55.5
Balboa Ave										
Between Clairemont Dr and Mt. Culebra Ave	Hard	40	35	35	35	3,393	70	35	71.3	71.6
Between Mt. Everest Blvd and Genessee Ave	Hard	40	35	35	35	3,216	66	33	71.0	71.3
Between Genessee Ave and Mt. Alifan Dr	Hard	40	35	35	35	3,359	69	35	71.2	71.5

Model Notes:
The calculation is based on the methodology described in FHWA Traffic Noise Model Technical Manual (1998).
The peak hour noise level at 50 feet was validated with the results from FHWA Traffic Noise Model Version 2.5.
Accuracy of the calculation is within ±0.1 dB when comparing to TNM results.
Noise propagation greater than 50 feet is based on the following assumptions:
For hard ground, the propagation rate is 3 dB per doubling the distance.
For soft ground, the propagation rate is 4.5 dB per doubling the distance.
Vehicles are assumed to be on a long straight roadway with cruise speed.
Roadway grade is less than 1.5%.
CNEL levels were obtained based on Figure 2-19, on page 2-58 Caltran's TeNS 2013.

Appendix H
Transportation Impact Analysis

ESA

LINSCOTT LAW & GREENSPAN engineers

TRANSPORTATION IMPACT ANALYSIS
MUIR AT ANDERSON SCHOOL
DRAFT

San Diego, California
March 22, 2019

LLG Ref. 3-18-2987

Linscott, Law & Greenspan, Engineers
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Suite 100
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EXECUTIVE SUMMARY

Linscott, Law & Greenspan, Engineers (LLG) has been retained to assess the traffic impacts associated with the Muir at Anderson School Whole Site Modernization Project (hereby referred to as the proposed "Project"). The site is located north of Balboa Avenue and west of Genesee Avenue, within the community of Clairemont in the City of San Diego.

The site currently functions as a magnet school within the San Diego Unified School District (District) serving elementary (K-5) and middle school (6-8) students. The Proposed Project involves improvements to the existing Muir at Anderson School campus (Project Site), including demolition of portable classrooms and a portion of the existing general-use parking lot, and construction of a proposed administration building, kindergarten building, classroom building, and staff parking lot. With implementation of the Proposed Project, maximum student capacity would be increased to 750 students. Based on historical enrollment at the Project Site, enrollment is expected to increase by 359 students under the Proposed Project.

The Project is anticipated to generate 905 ADT with 270 AM peak hour trips (162 inbound/108 outbound) and 234 PM peak hour trips (95 inbound/139 outbound).

This transportation impact analysis considers the effects of Project traffic on existing, near-term (Opening Year 2022), and Horizon Year 2035 conditions.

Based on the City of San Diego significance criteria, **no direct or cumulative significant impacts** would occur with the addition of Project traffic.

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TRANSPORTATION IMPACT ANALYSIS
MUIR AT ANDERSON SCHOOL
DRAFT

San Diego, California
March 22, 2019

1.0 INTRODUCTION

The following traffic study has been prepared to determine and evaluate the transportation impacts on the local circulation system for the proposed Muir at Anderson School project ("Project") located in the community of Clairemont, in the City of San Diego.

Included in this transportation study are the following:

- Project Description
- Existing Conditions Discussion
- Study Area, Analysis Approach & Methodology
- Significance Criteria
- Analysis of Existing Conditions
- Trip Generation, Distribution & Assignment
- Analysis of Existing + Project Scenario
- Near-Term (Opening Year 2022) Cumulative Conditions Discussion
- Analysis of Near-Term (Opening Year 2022) Scenarios
- Horizon Year 2035 Conditions Discussion
- Analysis of Horizon Year 2035 Scenarios
- Site Access and Circulation Review
- Significance of Impacts and Mitigation Measures

2.0 PROJECT DESCRIPTION

2.1 Project Location

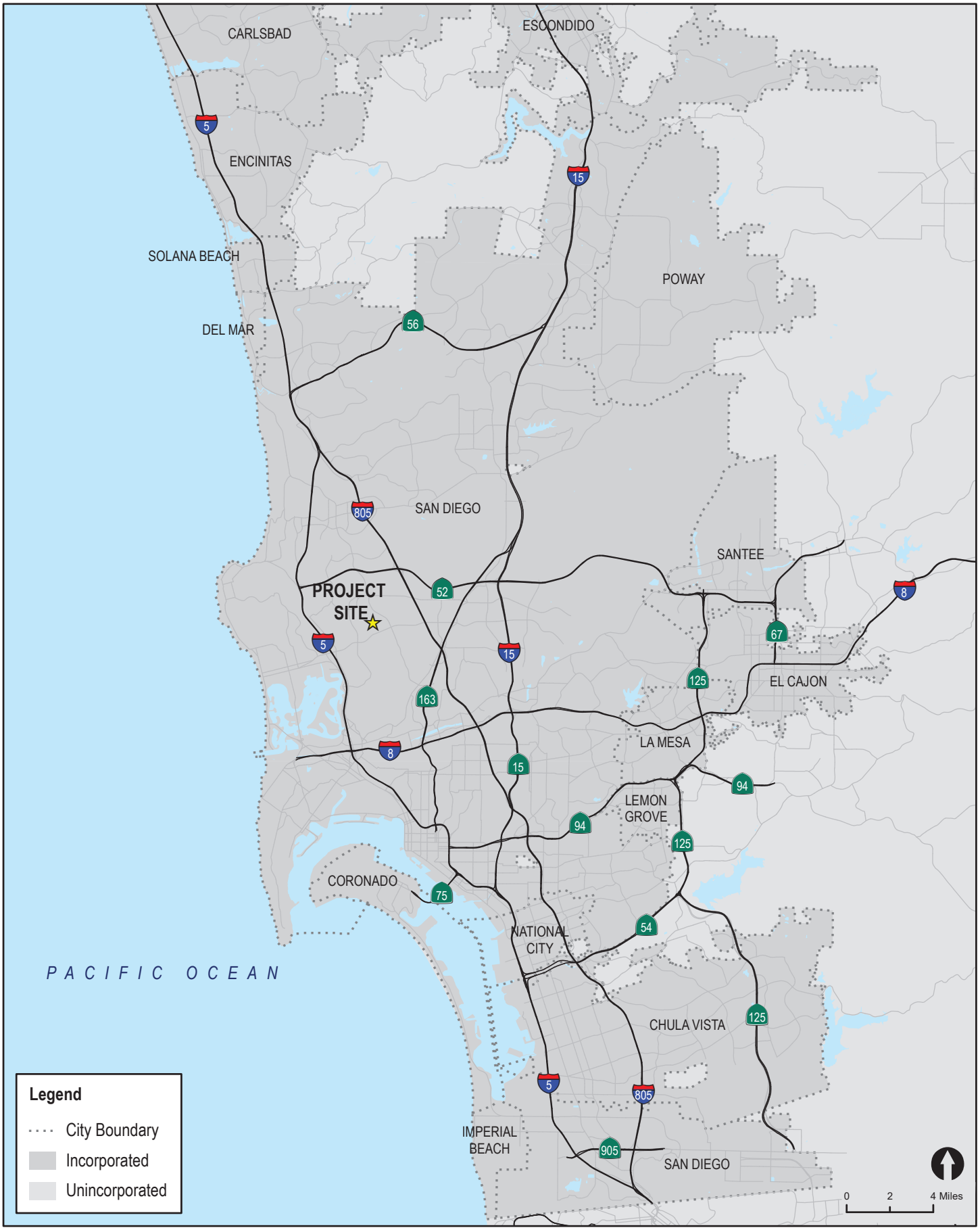
The Project is located in the community of Clairemont, in the City of San Diego, approximately 1.6 miles east of Interstate 5 (I-5), approximately 1.5 miles south of State Route 52 (SR-52), and approximately 1.5 miles west of Interstate 805 (I-805). Local access is provided by Clairemont Mesa Boulevard to the north, Genesee Avenue to the east, Balboa Avenue to the south, and Clairemont Drive to the west. The entire 10-acre Muir at Anderson School campus is considered to constitute the Project Site. The Project Site is located entirely within Assessor's Parcel Number (APN) 361-290-04. The Project Site is bound by Mount (Mt.) Etna Drive to the north, Mt. Herbert Avenue to the west, and Mt. Laudo Drive to the south. Mt. Etna Neighborhood Park is located immediately to the east of the Project Site.

Figure 2–1 shows the vicinity map. ***Figure 2–2*** shows a more detailed Project area map.

2.2 Project Description

The Proposed Project involves improvements to the existing Muir at Anderson School campus (Project Site), including demolition of portable classrooms and a portion of the existing general-use parking lot, and construction of a proposed administration building, kindergarten building, classroom building, and staff parking lot. With implementation of the Proposed Project, maximum student capacity would be increased to 750 students. Based on historical enrollment at the Project Site, enrollment is expected to increase by 359 students under the Proposed Project.

Figure 2–3 shows the conceptual site plan.



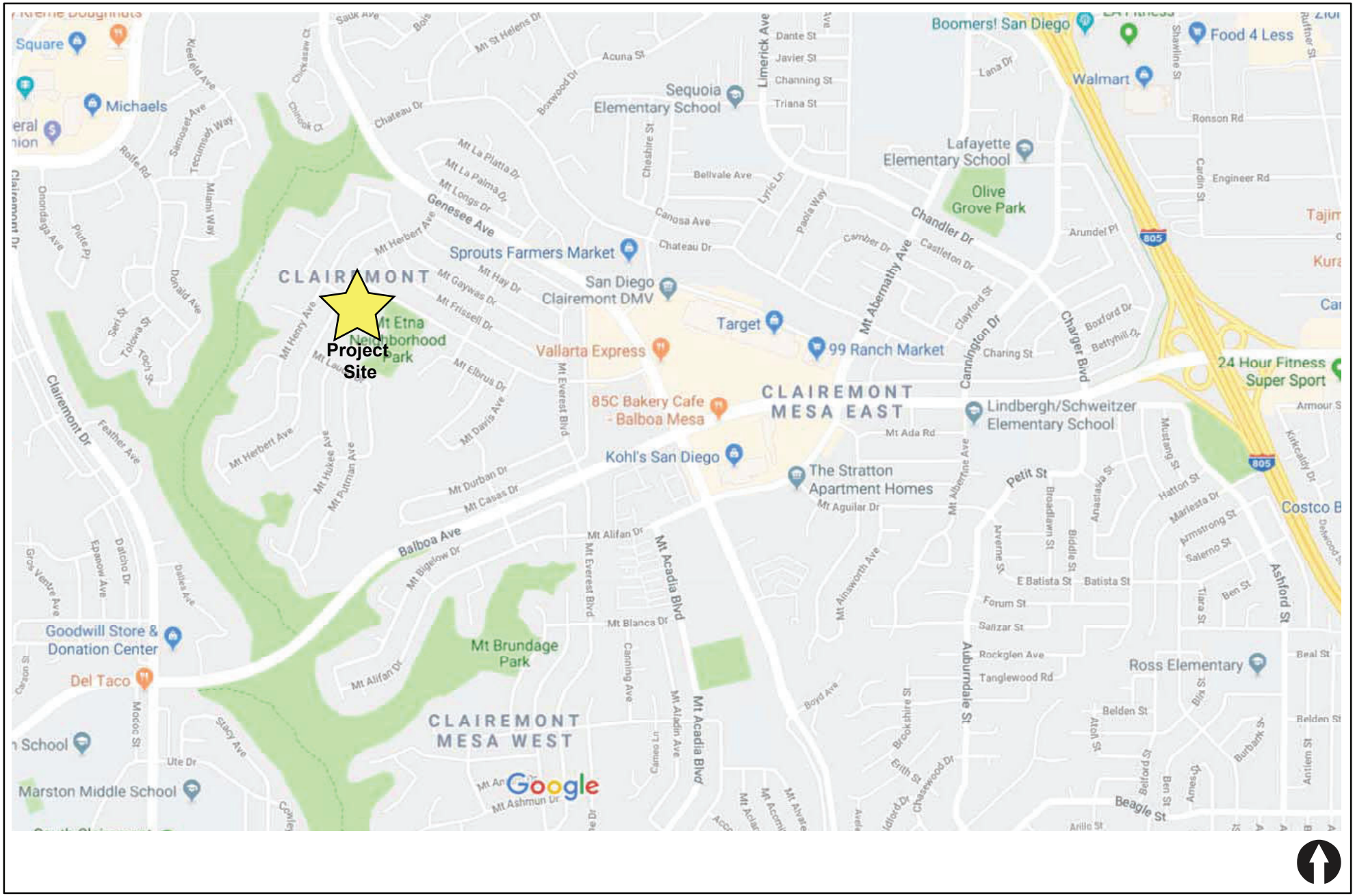
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Figure 2-1

Vicinity Map

John Muir School

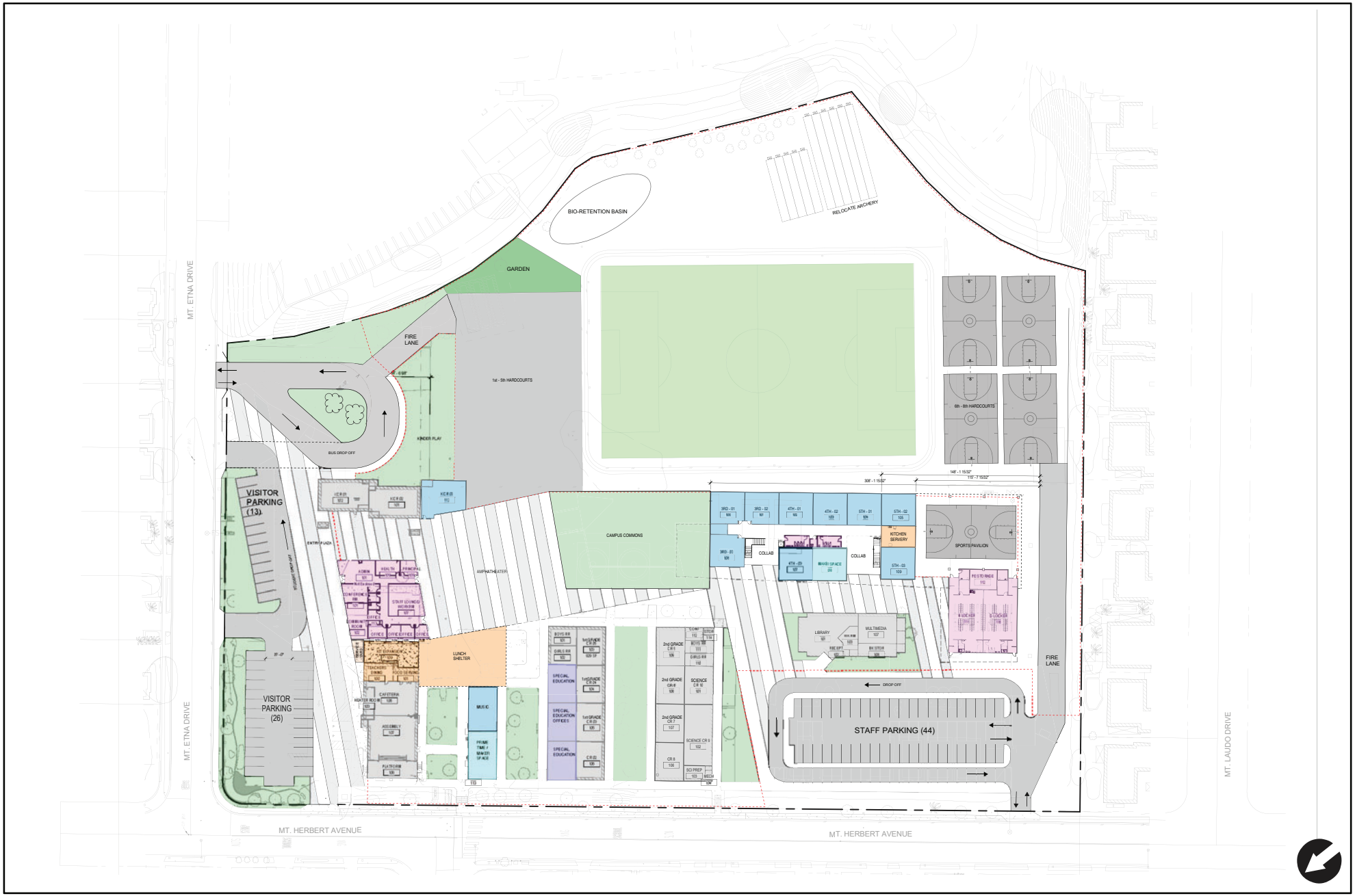


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Figure 2-2

Project Area Map

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Figure 2-3

Site Plan

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3.0 EXISTING CONDITIONS

3.1 Existing Street System

The following provides a brief description of the street system directly within the Project study area. ***Figure 3–1*** illustrates existing conditions in terms of traffic lanes, intersection controls, location of transit stops, and bicycle facilities.

Balboa Avenue is classified on the *Clairemont Mesa Community Plan* as a Six-Lane Major Road from I-5 to Clairemont Drive, a Four-Lane Major Road from Clairemont Drive to Genesee Avenue, and again a Six-Lane Major Road from Genesee Avenue to I-805. In the Project study area it is currently built as a four-lane divided roadway from Clairemont Drive to Genesee Avenue and as a six-lane divided roadway from Genesee Avenue to Mt. Alifan Drive. The posted speed limit is 45 mph on these study area segments. On-street parking is prohibited.

Genesee Avenue is classified on the *Clairemont Mesa Community Plan* as a Four-Lane Major Road for its entire length through the community, except for the segment from Derrick Drive to Mt. Alifan Drive, which is classified as a Six-Lane Major Road. In the Project study area it is currently built as a four-lane divided roadway from Chateau Drive to Derrick Drive and as a five-lane divided roadway from Derrick Drive to Mt. Alifan Drive. On-street parking is prohibited.

Mt. Herbert Avenue is classified on the *Clairemont Mesa Community Plan* as a Two-Lane Collector. It is currently constructed as a two-lane undivided roadway with a posted speed limit of 25 mph. On-street parking is generally allowed.

Mt. Everest Boulevard is classified on the *Clairemont Mesa Community Plan* as Two-Lane Collector. It is currently constructed as a two-lane undivided roadway with a posted speed limit of 25 mph. On-street parking is generally allowed.

Mt. Culebra Avenue is an unclassified roadway on the *Clairemont Mesa Community Plan*. It is currently constructed as a two-lane undivided roadway with a posted speed limit of 25 mph. On-street parking is generally allowed.

Mt. Etna Drive is classifies as a Collector on the *Clairemont Mesa Community Plan*. It is currently constructed as a two-lane undivided roadway with a posted speed limit of 25 mph. On-street parking is generally allowed.

Mt. Laudo Drive is an unclassified roadway on the *Clairemont Mesa Community Plan*. It is currently constructed as a two-lane undivided roadway with on-street parking allowed.

3.2 Existing Bicycle Network

Based on a review of the City of San Diego *Bicycle Master Plan*, *Clairemont Mesa Community Plan,* and field observations, there are existing Class II bike lanes provided along Genesee Avenue and Balboa Avenue within the study area. The existing Class II bike lanes are planned to be maintained as Class II bike lanes based on a review of these planning documents.

3.3 Existing Transit Conditions

Based on the most recent information on the San Diego Metropolitan Transit System (MTS) website, the following transit conditions are noted.

MTS Route 41 serves Fashion Valley to UCSD / VA Medical Center via Genesee Avenue with service seven days a week. Service frequency is typically every fifteen minutes or better during weekday hours, except for late evening hours with service every thirty minutes. Weekend frequency is typically every thirty minutes except for hourly service during late evening hours. The stop pairing nearest to the Project site is located at Genesee Avenue / Mt. Hebert Avenue.

MTS Route 27 serves Pacific Beach to Kearny Mesa via Balboa Avenue with service Monday through Saturday. Weekday service is approximately every thirty minutes, except for evening hours which are hourly. Saturday service is hourly. The stop pairing nearest to the Project site is located at Balboa Avenue / Mt. Everest Boulevard.

3.4 Existing Pedestrian Conditions

Based on field observations within the study area, the following pedestrian conditions are noted:

Balboa Avenue: Contiguous sidewalks are provided along both sides of Balboa Avenue east of Mt. Culebra Avenue within the study area. Crosswalks are provided at all signalized intersections within the study area.

Genesee Avenue: Contiguous sidewalks are provided on both sides of Genesee Avenue in the study area.

Mt. Herbert Avenue: Contiguous sidewalks are provided on both sides of Mt. Herbert Avenue in the study area.

Mt. Everest Boulevard: Contiguous sidewalks are provided on both sides of Mt. Everest Boulevard in the study area.

Mt. Culebra Avenue: Contiguous sidewalks are provided on both sides of Mt. Culebra Avenue in the study area.

Tecolote Canyon Natural Park provides approximately 6.5 miles of trails for jogging, walking, and mountain biking, and could provide pedestrian access to/from the site. There is a trailhead located at Mt. Etna Park, adjacent to the Project site.

3.5 Existing Traffic Volumes

Existing AM and PM peak hour traffic volumes at key area intersections and 24-hour street segment counts were collected on Thursday, June 7, 2018 while schools were in session. An additional intersection count was collected on Tuesday, October 23, 2018. ***Table 3–1*** shows the existing street segment Average Daily Traffic (ADT) volumes in the Project area. ***Figure 3–2*** shows the existing AM/PM peak hour turning movements and ADTs.

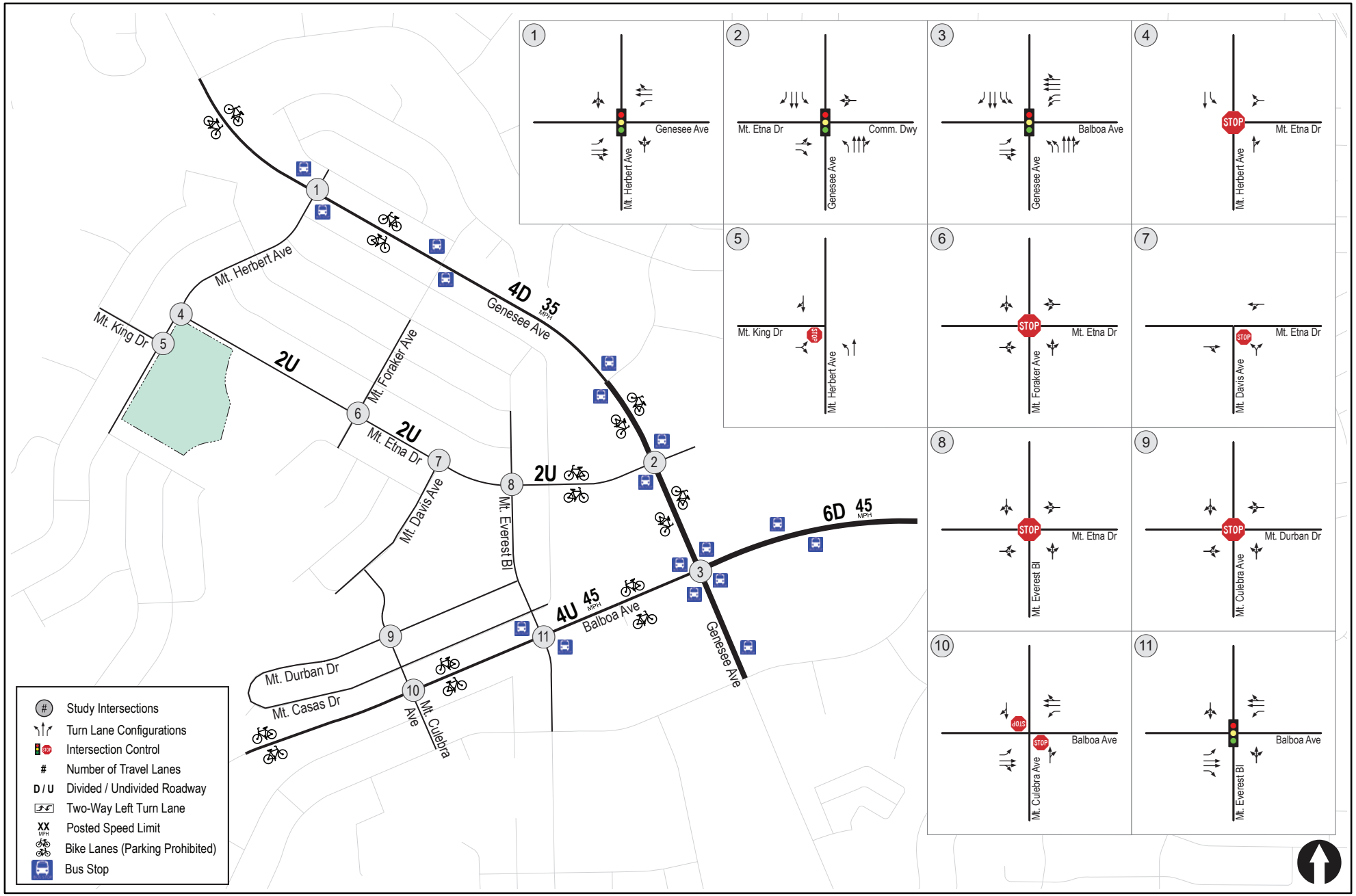
Appendix A contains the peak hour intersection and daily segment count sheets.

TABLE 3–1
EXISTING TRAFFIC VOLUMES

Street Segments	ADT [a]
Genesee Avenue	
1. Chateau Drive to Mt. Herbert Avenue	26,610
2. Mt. Foraker Avenue to Mt. Etna Drive	24,300
3. Balboa Avenue to Mt. Alifan Drive	22,760
Mt. Herbert Avenue	
4. Mt. Gaywas Dr to Mt. Etna Drive	2,400
5. Mt. Etna Drive to Mt. King Drive	3,790
Mt. Everest Boulevard	
6. Mt. Etna Drive to Mt. Durban Drive	4,360
Mt. Culebra Avenue	
7. Mt. Durban Drive to Mt. Casas Drive	1,660
Balboa Avenue	
8. Clairemont Drive to Mt. Culebra Avenue	34,780
9. Mt. Everest Boulevard to Genesee Avenue	33,080
10. Genesee Avenue to Mt. Alifan Drive	34,430

Footnotes:

a. Average Daily Traffic Volumes. Data collected by LLG, Engineers on Thursday, June 7, 2018 while schools were in session.



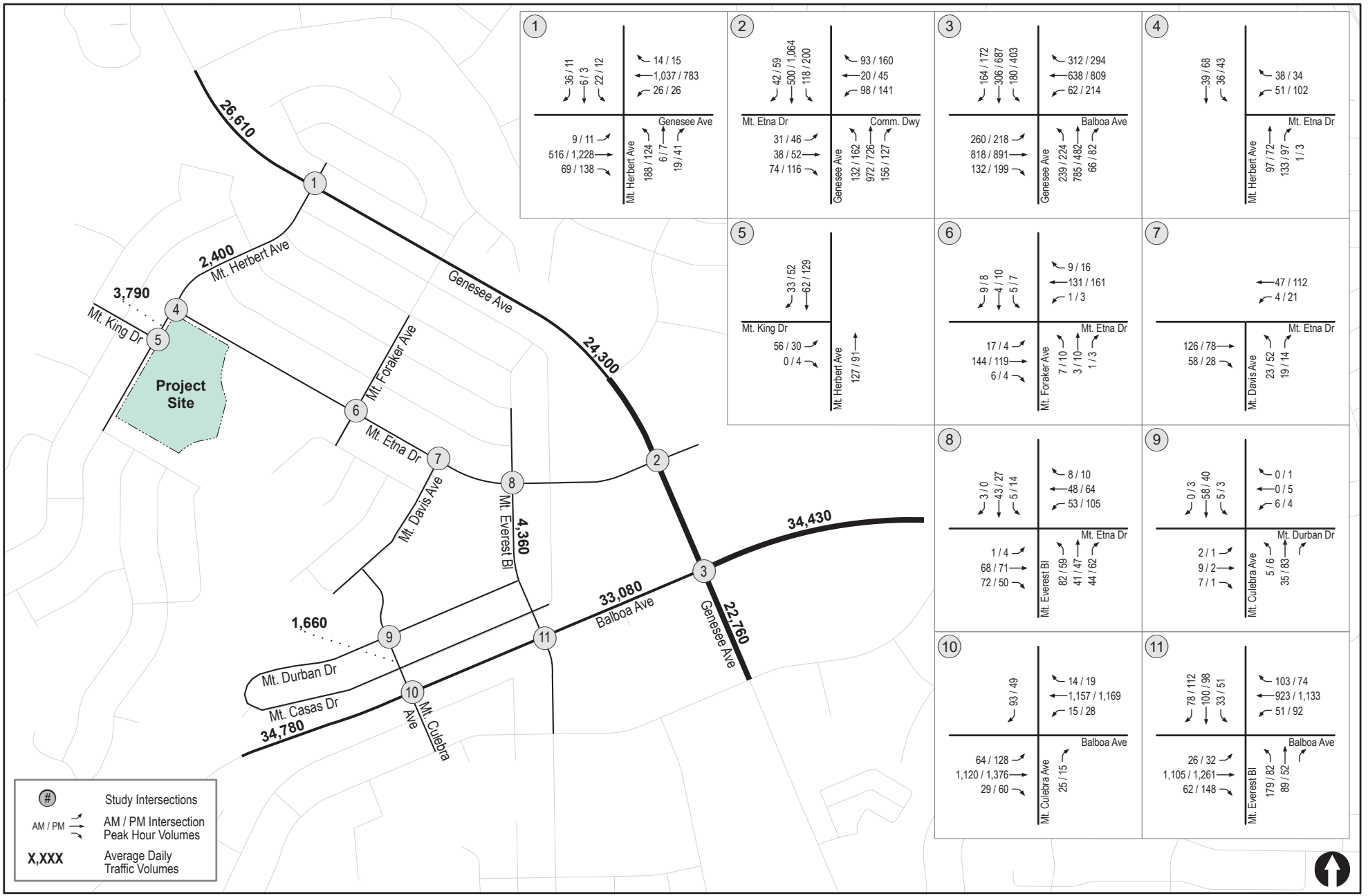
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Figure 3-1

Existing Conditions Diagram

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Figure 3-2

Existing Traffic Volumes

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4.0 STUDY AREA, ANALYSIS APPROACH, AND METHODOLOGY

4.1 Study Area

The study area was based on the criteria identified in the City of San Diego *Traffic Impact Study Manual*, July 1998. Based on these criteria, the traffic study shall evaluate all adjacent intersections plus the first major signalized intersection in each direction of the site. Per the guidelines, "Beyond this minimum requirement, all known congested or potentially congested locations that may be impacted by the proposed development *should* be studied." In addition, the study area *must* include "all regionally significant arterial system segments and intersections, including mainline freeway locations, and on/off ramp intersections, where the project will add 50 or more peak hour trips in either direction to the adjacent street traffic." Per regionally adopted San Diego Traffic Engineer's Council/Institute of Transportation Engineers (SANTEC/ITE) guidelines, the threshold to conduct ramp meter analysis is 20 peak hour trips.

The Project adds fewer than 50 peak hour trips to nearby area freeways, based on the Project traffic assignment presented later in *Section 7* of this report. Thus, a freeway analysis was not prepared. The Project adds less than 20 peak hour trips to any metered freeway ramps. Therefore, a ramp meter analysis was not conducted.

Given these criteria, this traffic analysis evaluates the operations of study area intersections and street segments only.

The Project study area includes the following locations:

Intersections

1. Mt. Herbert Avenue / Genesee Avenue (signalized)
2. Genesee Avenue / Mt. Etna Drive (signalized)
3. Genesee Avenue / Balboa Avenue (signalized)
4. Mt. Herbert Avenue / Mt. Etna Drive (unsignalized)
5. Mt. Herbert Avenue / Mt. King Drive (unsignalized)
6. Mt. Foraker Avenue / Mt. Etna Drive (unsignalized)
7. Mt. Davis Avenue / Mt. Etna Drive (unsignalized)
8. Mt. Everest Boulevard / Mt. Etna Drive (unsignalized)
9. Mt. Culebra Avenue / Mt. Durban Drive (unsignalized)
10. Mt. Culebra Avenue / Balboa Avenue (unsignalized)
11. Mt. Everest Boulevard / Balboa Avenue (signalized)

Segments

Genesee Avenue

1. Chateau Drive to Mt. Herbert Avenue
2. Mt. Foraker Avenue to Mt. Etna Drive
3. Balboa Avenue to Mt. Alifan Drive

Mt. Herbert Avenue

4. Mt. Gaywas Drive to Mt. Etna Drive
5. Mt. Etna Drive to Mt. King Drive

Mt. Everest Boulevard

6. Mt. Etna Drive to Mt. Durban Drive

Mt. Culebra Avenue

7. Mt. Durban Drive to Mt. Casas Drive

Balboa Avenue

8. Clairemont Drive to Mt. Culebra Avenue
9. Mt. Everest Boulevard to Genesee Avenue
10. Balboa Avenue to Mt. Alifan Drive

4.2 Analysis Approach

The Project generates new trips on the street network based on the school bell schedule, which represent slightly different peak timeframes than typical home-to-work, work-to-home commuter peak periods. As such, this report analyzes the effects of the Project on the street network during those site-specific peaks (i.e. "peak of the generator"). Per the 2018/2019 academic calendar, school starts at 8:55 AM daily with a Wednesday only end time of 2:27 PM and a Monday, Tuesday, Thursday, Friday end time of 3:47 PM. Thus, the 7:30-9:30 AM and 2:30-4:30 PM peak periods were selected for analysis.

Appendix B contains a copy of the bell schedule.

Table 4–1 shows the analyses performed for each of the scenarios to determine the potential impacts to the road network.

TABLE 4–1
ANALYSIS SCENARIOS

Scenario	Level of Service Analysis Performed
Existing & Near-Term Conditions	
▪ Existing ▪ Existing + Project ▪ Near-Term (Opening Year 2022) ▪ Near-Term (Opening Year 2022) + Project	AM/PM Peak Hour Intersection Analysis
	Street Segment Analysis
Year 2035 Conditions	
▪ Year 2035 Without Project ▪ Year 2035 With Project	AM/PM Peak Hour Intersection Analysis
	Street Segment Analysis

4.3 Methodology

Level of service (LOS) is the term used to denote the different operating conditions which occur on a given roadway segment or intersection under various traffic volume loads. It is a qualitative measure used to describe a quantitative analysis taking into account factors such as roadway geometries, signal phasing, speed, travel delay, and freedom to maneuver. Level of service provides an index to the operational qualities of a roadway segment or an intersection. Level of service designations range from A to F, with LOS A representing the best operating conditions and LOS F representing the worst operating conditions. Level of service designation is reported differently for signalized and unsignalized intersections, as well as for roadway segments.

4.3.1 *Intersections*

Signalized intersections were analyzed under weekday 7:30-9:30 AM and 2:30-4:30 PM peak hour conditions. Average vehicle delay was determined utilizing the methodology found in Chapter 19 of the *Highway Capacity Manual 6 (HCM),* with the assistance of the *Synchro* (version 10) computer software. The delay values (represented in seconds) were qualified with a corresponding intersection Level of Service (LOS). City of San Diego location-specific signal timing information such as minimum greens, cycle lengths, phasing, and splits for the freeway interchanges, where available, and real-time peak hour field observations were included in the analysis.

Unsignalized intersections were analyzed under weekday 7:30-9:30 AM and 2:30-4:30 PM peak hour conditions. Average vehicle delay and Levels of Service (LOS) were determined based upon the procedures found in Chapters 20 and 21 of the *HCM 6,* with the assistance of the *Synchro* (version 10) traffic analysis software.

4.3.2 *Street Segments*

Street segment classifications were taken from the *Clairemont Mesa Community Plan* Transportation Element. Street segment analysis is based upon the comparison of daily traffic volumes (ADTs) to the City of San Diego's *Roadway Classification, Level of Service, and ADT Table*. This table provides segment capacities for different street classifications, based on traffic volumes and roadway characteristics. Copies of the Community Plan Circulation Element maps and the City of San Diego roadway classification table are attached in ***Appendix C***.

5.0 SIGNIFICANCE CRITERIA

According to the City of San Diego's *Significance Determination Thresholds* report dated July 2016, a project is considered to have a significant impact if the new project traffic has decreased the operations of surrounding roadways by a City defined threshold. For projects deemed complete on or after January 1, 2011, the City defined threshold by roadway type or intersection is shown in ***Table 5–1***.

The impact is designated either a "direct" or "cumulative" impact. According to the City's *Significance Determination Thresholds* report,

> *"Direct* traffic impacts are those projected to occur at the time a proposed development becomes operational, including other developments not presently operational but which are anticipated to be operational at that time (near term)."
>
> *"Cumulative* traffic impacts are those projected to occur at some point after a proposed development becomes operational, such as during subsequent phases of a project and when additional proposed developments in the area become operational (short-term cumulative) or when affected community plan area reaches full planned Year 2035 (long-term cumulative)."
>
> "It is possible that a project's near term (direct) impacts may be reduced in the long term, as future projects develop and provide additional roadway improvements (for instance, through implementation of traffic phasing plans). In such a case, the project may have direct impacts but not contribute considerably to a cumulative impact."
>
> "For intersections and roadway segments affected by a project, LOS D or better is considered acceptable under both direct and cumulative conditions."

If the project exceeds the thresholds in *Table 5–1*, then the project may be considered to have a significant "direct" or "cumulative" project impact. A significant impact can also occur if a project causes the LOS to degrade from D to E, even if the allowable increases in *Table 5–1* are not exceeded. A feasible mitigation measure will need to be identified to return the impact within the City thresholds, or the impact will be considered significant and unmitigated.

TABLE 5–1
CITY OF SAN DIEGO
TRAFFIC IMPACT SIGNIFICANT THRESHOLDS

Level of Service with Project [b]	Allowable Increase Due to Project Impacts [a]	
	Roadway Segments	Intersections
	V/C	Delay (sec.)
E	0.02	2.0
F	0.01	1.0

Footnotes:

a. If a proposed project's traffic causes the values shown in the table to be exceeded, the impacts are determined to be significant. The project applicant shall then identify feasible improvements (within the Traffic Impact Study) that will restore/and maintain the traffic facility at an acceptable LOS. If the LOS with the proposed project becomes unacceptable (see note b), or if the project adds a significant amount of peak-hour trips to cause any traffic queues to exceed on- or off-ramp storage capacities, the project applicant shall be responsible for mitigating the project's direct significant and/or cumulatively considerable traffic impacts.

b. All LOS measurements are based upon Highway Capacity Manual procedures for peak-hour conditions. However, V/C ratios for roadway segments are estimated on an ADT/24-hour traffic volume basis (using Table 2 of the City's Traffic Impact Study Manual). The acceptable LOS for freeways, roadways, and intersections is generally "D" ("C" for undeveloped locations).

General Notes:

1. Delay = Average control delay per vehicle measured in seconds for intersections or minutes for ramp meters
2. LOS = Level of Service
3. V/C = Volume to Capacity ratio

6.0 ANALYSIS OF EXISTING CONDITIONS

The following section presents the analysis of existing study area locations.

6.1 Peak Hour Intersection Operations

Table 6–1 summarizes the existing intersections LOS. As seen in *Table 6–1*, all intersections are calculated to currently operate at LOS D or better except for the following:

- Intersection #11. Mt. Everest Boulevard/ Balboa Avenue – LOS E during the PM peak hour

Appendix D contains the Existing intersection analysis worksheets.

6.2 Daily Street Segment Operations

Table 6–2 summarizes the existing roadway segment operations. As seen in *Table 6–2*, all study area segments are calculated to currently operate at LOS D or better.

TABLE 6–1
EXISTING INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Existing	
			Delay [a]	LOS [b]
1. Mt. Herbert Avenue / Genesee Avenue	Signal	AM	12.4	B
		PM	12.2	B
2. Genesee Avenue / Mt. Etna Drive	Signal	AM	25.3	C
		PM	34.0	C
3. Genesee Avenue / Balboa Avenue	Signal	AM	43.8	D
		PM	53.1	D
4. Mt. Herbert Avenue / Mt. Etna Drive	AWSC [c]	AM	8.2	A
		PM	8.4	A
5. Mt. Herbert Avenue / Mt. King Drive	MSSC [d]	AM	10.1	B
		PM	10.2	B
6. Mt. Foraker Avenue / Mt. Etna Drive	AWSC	AM	8.1	A
		PM	8.2	A
7. Mt. Davis Avenue / Mt. Etna Drive	MSSC	AM	9.7	A
		PM	10.3	B
8. Mt. Everest Boulevard / Mt. Etna Drive	AWSC	AM	8.6	A
		PM	9.0	A
9. Mt. Culebra Avenue / Mt. Durban Drive	AWSC	AM	7.3	A
		PM	7.4	A
10. Mt. Culebra Avenue / Balboa Avenue	MSSC	AM	16.4	C
		PM	16.3	C
11. Mt. Everest Boulevard / Balboa Avenue	Signal	AM	41.8	D
		PM	57.0	E

Footnotes:

a. Average delay expressed in seconds per vehicle.
b. Level of Service.
c. AWSC = All-Way Stop-Controlled intersection. Average delay reported.
d. MSSC = Minor Street Stop-Controlled intersection. Minor street approach left-turn critical movement delay reported.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

TABLE 6–2
EXISTING DAILY STREET SEGMENT OPERATIONS

Street Segment	Community Plan	Functional Road Classification	Capacity (LOS E) [a]	ADT [b]	LOS [c]	V/C [d]
Genesee Avenue						
1. Chateau Dr to Mt. Herbert Ave	Clairemont Mesa	4-Ln Major	40,000	26,610	C	0.665
2. Mt. Foraker Ave to Mt. Etna Dr	Clairemont Mesa	4-Ln Major	40,000	24,300	C	0.608
3. Balboa Ave to Mt. Alifan Dr	Clairemont Mesa	5-Ln Major	45,000	22,760	B	0.506
Mt. Herbert Avenue						
4. Mt. Gaywas Dr to Mt. Etna Dr	Clairemont Mesa	2-Ln Collector	8,000	2,400	A	0.300
5. Mt. Etna Dr to Mt. King Dr	Clairemont Mesa	2-Ln Collector	8,000	3,790	C	0.474
Mt. Everest Boulevard						
6. Mt. Etna Dr to Mt. Durban Dr	Clairemont Mesa	2-Ln Collector	8,000	4,360	C	0.545
Mt. Culebra Avenue						
7. Mt. Durban Dr to Mt. Casas Dr	Clairemont Mesa	2-Ln Sub-Collector	2,200	1,660	C+	—
Balboa Avenue						
8. Clairemont Dr to Mt. Culebra Ave	Clairemont Mesa	4-Ln Major	40,000	34,780	D	0.870
9. Mt. Everest Blvd to Genesee Ave	Clairemont Mesa	4-Ln Major	40,000	33,080	D	0.827
10. Genesee Ave to Mt. Alifan Dr	Clairemont Mesa	6-Ln Major	50,000	34,430	C	0.689

Footnotes:

a. Capacities based on City of San Diego Roadway Classification & LOS table (See *Appendix C*).
b. Average Daily Traffic Volumes.
c. Level of Service.
d. Volume to Capacity.

General Notes:

1. Ln = Lane

7.0 TRIP GENERATION/DISTRIBUTION/ASSIGNMENT

7.1 Trip Generation

The Project trip generation was derived using rates from the latest published City of San Diego Municipal Code Trip Generation Manual (May 2003). These rates represent vehicular trip generation to include both passenger cars and busses, and are the result of empirical trip generation studies made by the City of San Diego, the San Diego Association of Governments (SANDAG), the Institute of Transportation Engineers (ITE), and other qualified sources. Pedestrian, bicycle and other non-vehicular trip modes are not quantified specifically in these rates, but their effects on vehicular traffic generation are accounted for given the empirical sources of the data.

The net expansion in school students (359 students) was allocated to the three grades that will be served by the school: kindergarten, elementary and junior high. The allocation percentages were based on 10 years of historical data provided by the District for the Muir at Anderson School. LLG utilized the nationally published Institute of Transportation Engineers (ITE) 10th Edition Trip Generation Manual (TGM) to establish the mid-PM peak hour trip generation, as the City's above-references trip generation manual does not provide the school-peak (mid-PM or "peak of the generator") rates which are analyzed in this report. LLG reviewed the relationship of the ITE TGM's mid-PM data versus its PM peak of the street for each grade to establish the relationship between these hours, and indexed this factor to the appropriate City of San Diego PM peak rates.

Table 7–1 shows the proposed Project is forecasted to generate a total of 905 ADT with 270 trips during the AM peak hour (162 inbound / 108 outbound) and 234 trips during the PM peak hour (95 inbound / 139 outbound).

TABLE 7–1
PROJECT TRIP GENERATION

Land Use	Size	Daily Trip Ends (ADTs)		AM Peak Hour					PM Peak Hour				
		Rate[a]	Volume	% of ADT	In:Out Split	Volume In	Volume Out	Volume Total	% of ADT	In:Out Split	Volume In	Volume Out	Volume Total
Kindergarten (10%)	36 Students	5.00/Student	180	19%	50:50	17	17	34	18%	50:50	16	16	32
Elementary (63%)	226 Students	2.90/Student	655	31%	60:40	122	81	203	28%	40:60	73	110	183
Junior High (27%)	97 Students	1.40/Student	136	24%	70:30	23	10	33	14%	30:70	6	13	19
Total (100%)	***359 Students***	–	***905***	–	–	***162***	***108***	***270***	–	–	***95***	***139***	***234***

Footnotes:

a. Daily Rate is based City of San Diego Trip Generation Manual (2003).

General Notes:

1. The "Net 359 Expansion" is based off a 750-student maximum project minus the maximum historical enrollment of 391 students (2010/11).
2. PM Peak hour "% of ADT" is based on the City of San Diego Trip Generation Manual, which represents the percentage occurring in the PM commuter peak hour. These factors were adjusted upward individually for each school grade to reflect the peak of the land use (mid-afternoon), based on the relationship between the "Peak of the Street" and the "Peak of the Generator" factors obtained from the ITE TGM 10th Edition.

7.2 Trip Distribution/Assignment

In order to distribute and assign vehicular trips to the study area street system, LLG used professional engineering judgment based on the existing travel patterns in the area, the proximity of the Project land uses to complimentary uses, proximity to local and regional travel corridors, and general knowledge of the area.

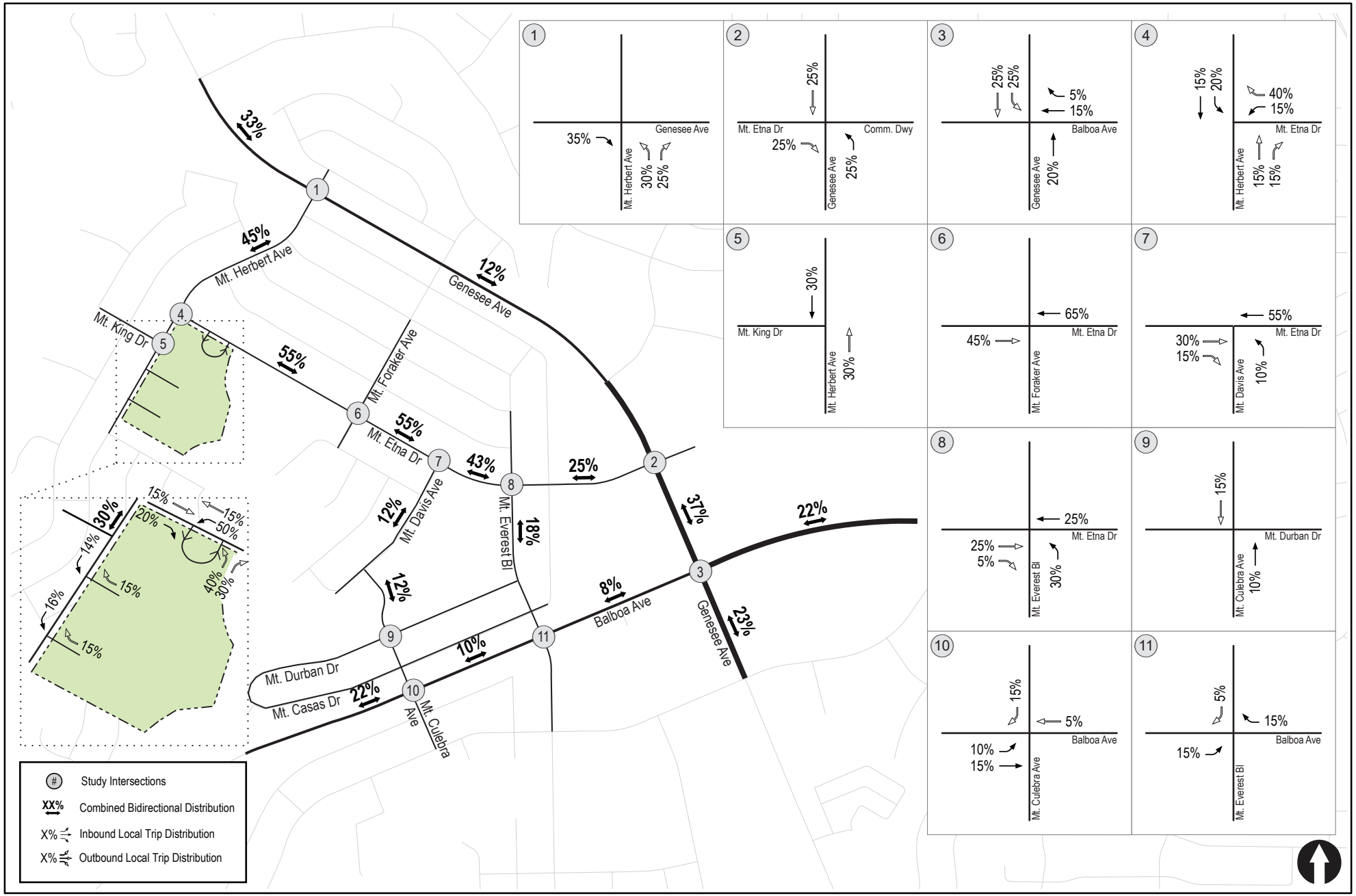
As an existing magnet school, students at John Muir come from a wider range of geographic areas compared to a typical neighborhood school. As such, the distribution of additional Project traffic is likely to be broadly similar to overall local travel patterns.

Using the above mentioned assumptions, approximately 33% of the daily Project trips were distributed on Genesee Avenue to the north with 23% to the south, with 22% oriented to/from the west on Balboa Avenue and 22% to/from the east.

Figure 7–1 shows the Project Trip Distribution.

The Project-generated traffic was assigned to the study area street system. ***Figure 7–2*** depicts the Project traffic assignment. It should be noted that the Project trips shown on this figure and oriented to/from the regional freeway system via Balboa Avenue and Genesee Avenue indicate that less than 50 directional peak hour trips would affect any freeway segment, and less than 20 peak hour trips would affect any ramp meter.

To arrive at the Existing plus Project traffic volumes, the total Project trip generation was then added to the existing traffic volumes. ***Figure 7–3*** shows the Existing + Project traffic volumes.



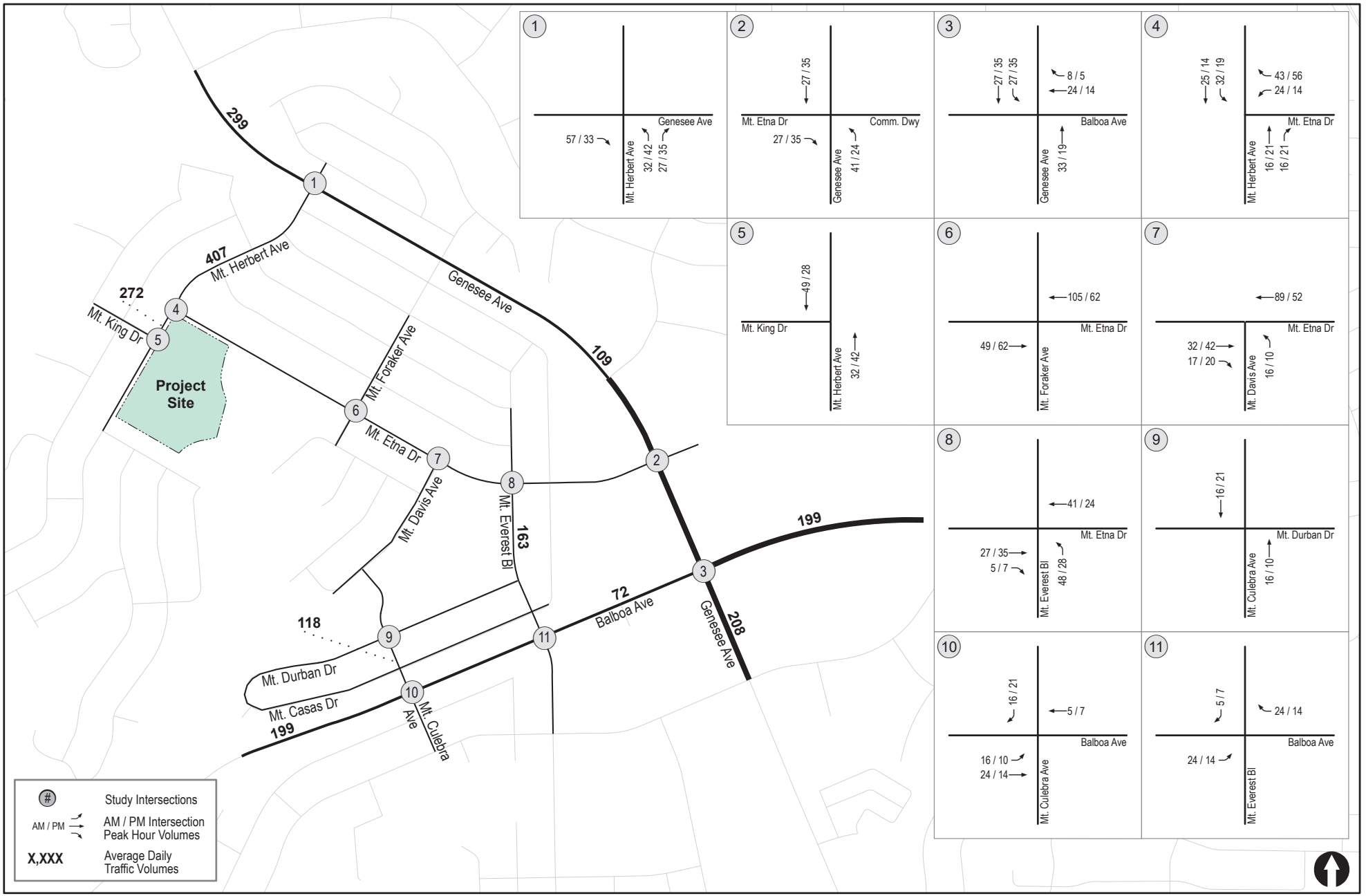
LINSCOTT LAW & GREENSPAN engineers

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Figure 7-1

Project Traffic Distribution

JOHN MUIR SCHOOL



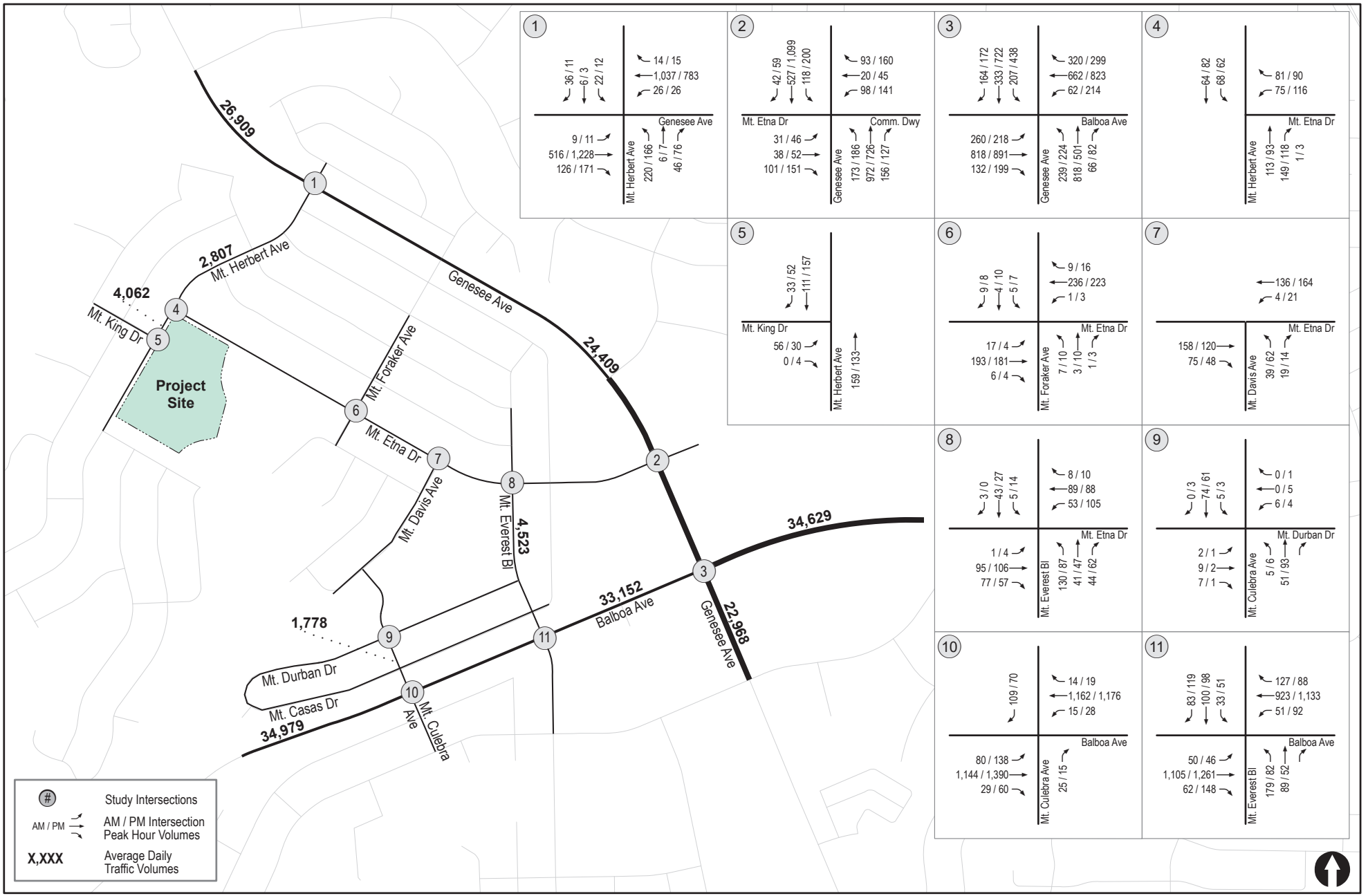
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Figure 7-2

Project Traffic Volumes

JOHN MUIR SCHOOL



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Figure 7-3

Existing + Project Traffic Volumes

JOHN MUIR SCHOOL

8.0 ANALYSIS OF EXISTING + PROJECT CONDITIONS

The following section presents the analysis of study area locations under Existing + Project conditions. The Existing + Project condition represents the effect of Project traffic on the existing street network, at the time of traffic data collection (2018) without assuming either additional cumulative projects or additional road improvements in the baseline condition.

8.1 Peak Hour Intersection Operations

Table 8–1 summarizes the existing intersections LOS. As seen in *Table 8–1*, with the addition of Project traffic, all intersections are calculated to continue to operate at LOS D or better except for the following:

- Intersection #11. Mt. Everest Boulevard / Balboa Avenue – LOS E during the PM peak hour

Based on the applied City of San Diego significance criteria, **no direct impacts** were calculated with the addition of Project traffic, as the increase in delay associated with the Project is less than the allowable 2.0 second threshold.

Appendix E contains the Existing + Project intersection analysis worksheets.

8.2 Daily Street Segment Operations

Table 8–2 summarizes the existing roadway segment operations. As seen in *Table 8–2*, with the addition of Project traffic, all study area segments are calculated to continue to operate at LOS D or better.

Based on the applied City of San Diego significance criteria, **no significant direct impacts** were calculated with the addition of Project traffic on the street segments.

TABLE 8–1
EXISTING + PROJECT INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Existing		Existing + Project		Delay Δ [c]	Sig?
			Delay [a]	LOS [b]	Delay	LOS		
1. Mt. Herbert Avenue / Genesee Avenue	Signal	AM	12.4	B	14.4	B	2.0	No
		PM	12.2	B	16.4	B	4.2	
2. Genesee Avenue / Mt. Etna Drive	Signal	AM	25.3	C	27.2	C	1.9	No
		PM	34.0	C	36.5	D	2.5	
3. Genesee Avenue / Balboa Avenue	Signal	AM	43.8	D	45.0	D	1.2	No
		PM	53.1	D	53.8	D	0.7	
4. Mt. Herbert Avenue / Mt. Etna Drive	AWSC [c]	AM	8.2	A	9.1	A	0.9	No
		PM	8.4	A	9.2	A	0.8	
5. Mt. Herbert Avenue / Mt. King Drive	MSSC [d]	AM	10.1	B	10.9	B	0.8	No
		PM	10.2	B	10.8	B	0.6	
6. Mt. Foraker Avenue / Mt. Etna Drive	AWSC	AM	8.1	A	8.9	A	0.8	No
		PM	8.2	A	8.9	A	0.7	
7. Mt. Davis Avenue / Mt. Etna Drive	MSSC	AM	9.7	A	10.8	B	1.1	No
		PM	10.3	B	11.4	B	1.1	
8. Mt. Everest Boulevard / Mt. Etna Drive	AWSC	AM	8.6	A	9.5	A	0.9	No
		PM	9.0	A	9.6	A	0.6	
9. Mt. Culebra Avenue / Mt. Durban Drive	AWSC	AM	7.3	A	7.4	A	0.1	No
		PM	7.4	A	7.5	A	0.1	
10. Mt. Culebra Avenue / Balboa Avenue	MSSC	AM	16.4	C	17.1	C	0.7	No
		PM	16.3	C	16.4	C	0.1	
11. Mt. Everest Boulevard / Balboa Avenue	Signal	AM	41.8	D	43.3	D	1.5	No
		PM	57.0	E	57.9	E	0.9	

Footnotes:

a. Average delay expressed in seconds per vehicle.
b. Level of Service.
c. Δ denotes the increase in delay due to Project.
d. AWSC = All-Way Stop-Controlled intersection. Average delay reported.
e. MSSC = Minor Street Stop-Controlled intersection. Minor street approach critical movement delay reported.

General Notes:

1. Sig = Significant impact, yes or no.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

TABLE 8–2
EXISTING + PROJECT STREET SEGMENT OPERATIONS

Street Segment	Existing Capacity (LOS E)[a]	Existing			Existing + Project			Δ [e]	Sig?
		ADT [b]	LOS [c]	V/C [d]	ADT	LOS	V/C		
Genesee Avenue									
1. Chateau Drive to Mt. Herbert Avenue	40,000	26,610	C	0.665	26,909	C	0.673	0.007	No
2. Mt. Foraker Avenue to Mt. Etna Drive	40,000	24,300	C	0.608	24,409	C	0.610	0.003	No
3. Balboa Avenue to Mt. Alifan Drive	45,000	22,760	B	0.506	22,968	B	0.510	0.005	No
Mt. Herbert Avenue									
4. Mt. Gaywas Drive to Mt. Etna Drive	8,000	2,400	A	0.300	2,807	B	0.351	0.051	No
5. Mt. Etna Drive to Mt. King Drive	8,000	3,790	C	0.474	4,062	C	0.508	0.034	No
Mt. Everest Boulevard									
6. Mt. Etna Drive to Mt. Durban Drive	8,000	4,360	C	0.545	4,523	C	0.565	0.020	No
Mt. Culebra Avenue									
7. Mt. Durban Drive to Mt. Casas Drive	2,200	1,660	C+	0.755	1,778	C+	0.808	0.054	No
Balboa Avenue									
8. Clairemont Drive to Mt. Culebra Avenue	40,000	34,780	D	0.870	34,979	D	0.874	0.005	No
9. Mt. Everest Boulevarrd to Genesee Avenue	40,000	33,080	D	0.827	33,152	D	0.829	0.002	No
10. Genesee Avenue to Mt. Alifan Drive	50,000	34,430	C	0.689	34,629	C	0.693	0.004	No

Footnotes:

a. Capacities based on City of San Diego Roadway Classification & LOS table (See *Appendix C*).
b. Average Daily Traffic.
c. Level of Service.
d. Volume to Capacity ratio.
e. Δ denotes a Project-induced increase in the Volume to Capacity ratio.

General Notes:

1. Sig = Significant impact, yes or no.

9.0 NEAR-TERM (OPENING YEAR 2022) CUMULATIVE PROJECTS CONDITIONS

Cumulative projects are other projects in the study area that will add traffic to the local circulation system in the near future. LLG reviewed the City's Open DSD website to identify relevant, pending cumulative projects in the study area that could be constructed and generating traffic in the study area vicinity by the expected opening year of the Project in Year 2022. Based on this research, eleven (11) cumulative projects are planned nearby that would add to traffic to study area intersections and street segments. Traffic generated by these projects was added to the existing traffic volumes to develop the Near-Term (Opening Year 2022) condition. Project traffic was added to the near-term traffic volumes to arrive at the Near-Term (Opening Year 2022) + Project condition. The following is a brief description of each of the cumulative projects. ***Table 9–1*** provides a summary of the cumulative project trip generation summary.

9.1 Description of Cumulative Projects

1. **Boys and Girls Club Clairemont** (PTS#254221) proposes to construct a 4,975 SF resource and training center on a 3.92 acre site located at 4635 Clairemont Mesa Boulevard. The site would be expected to generate 199 ADT with 8 trips during the AM peak hour (5 inbound / 3 outbound) and 18 trips during the PM peak hour (11 inbound / 7 outbound). As of the time of June 2018 traffic counts, the project was approved per the City's Open DSD website, but field observations indicate the project is not yet constructed. *Trip generation was developed using City of San Diego trip rates. Trip distribution and assignment was based on professional engineering judgement.*

2. **Garfield Starbucks** (PTS#195848) proposes an additional 1,800 SF of vacant tenant space to be used for eating and drinking establishments located at 3985 Clairemont Drive. The site would be expected to generate 187 ADT with 15 trips during the AM peak hour (8 inbound / 7 outbound) and 15 trips during the PM peak hour (9 inbound / 6 outbound). As of the time of June 2018 traffic counts, the project was approved per the City's Open DSD website, but field observations indicate the project is not yet constructed. *Trip generation was developed using City of San Diego trip rates. Trip distribution and assignment was based on professional engineering judgement.*

3. **5255 Mount Etna CPA** (PTS#615352) proposes a Community Plan Amendment to replace a County-owned building with 454 low-income apartments. The site would be expected to generate 1,362 ADT with 224 trips during the AM peak hour (61 inbound / 163 outbound) and 325 trips during the PM peak hour (201 inbound / 124 outbound). As of the time of June 2018 traffic counts, the project was under review per the City's Open DSD website. *Trip generation was developed using City of San Diego trip rates. Trip distribution and assignment was based on professional engineering judgement.*

4. **Drive-Thru Restaurant** (PTS#257308) proposes to replace the existing Valvoline site with a drive-thru restaurant located at 6935 Balboa Avenue. The site would be expected to generate 1,344 ADT with 54 trips during the AM peak hour (32 inbound / 22 outbound) and 108 trips during the PM peak hour (54 inbound / 54 outbound). As of the time of June 2018

traffic counts, the project was under review per the City's Open DSD website. *Trip generation was developed using City of San Diego trip rates. Trip distribution and assignment was based on professional engineering judgement.*

5. **3560 Mount Acadia CUP TPM** (PTS#388165) proposes to demolish an existing commercial building and construct a 59,472 SF residential care facility and a 5,672 SF retail building. The site would be expected to generate 290 ADT with 12 trips during the AM peak hour (8 inbound / 4 outbound) and 26 trips during the PM peak hour (13 inbound / 13 outbound). As of the time of June 2018 traffic counts, the project was approved per the City's Open DSD website, but field observations indicate the project is not yet constructed. *Trip generation was developed using City of San Diego trip rates. Trip distribution and assignment was based on professional engineering judgement.*

6. **3455 Atlas Street** (PTS#518391) proposes to subdivide a single lot into nine (9) lots for residential use. The site would be expected to generate 72 ADT with 6 trips during the AM peak hour (1 inbound / 5 outbound) and 7 trips during the PM peak hour (5 inbound / 2 outbound). As of the time of June 2018 traffic counts, the project was approved per the City's Open DSD website, but field observations indicate the project is not yet constructed. *Trip generation was developed using City of San Diego trip rates. Trip distribution and assignment was based on professional engineering judgement.*

7. **Jefferson Pacific Beach** (PTS#327976) proposes to demolish 36,000 square feet (SF) of retail space and construct 3-stories of residential units over ground floor retail and underground parking located at 4275 Mission Bay Drive. Per a review of the developer website, 172 apartment units and 14,000 SF of retail space are proposed. The site would be expected to generate 2,572 ADT with 130 trips during the AM peak hour (45 inbound / 85 outbound) and 232 trips during the PM peak hour (135 inbound / 97 outbound). As of the time of June 2018 traffic counts, the site has been demolished and is under construction. *Trip generation was developed using City of San Diego trip rates. Trip distribution and assignment was based on professional engineering judgement.*

8. **High Tech High Clairemont** (PTS#535100) proposes to provide educational services to a maximum of 1,110 students in grades TK-12 located at 5331 Mount Alifan Drive. The increase in enrollment for the ninth grade was already included in the existing June 2018 traffic counts. The site would be expected to generate 2,525 ADT with 909 trips during the AM peak hour (509 inbound / 400 outbound) and 303 trips during the PM peak hour (136 inbound / 167 outbound). As of the time of June 2018 traffic counts, the site has been demolished and is under construction. *Trip generation was developed using City of San Diego trip rates. Trip distribution and assignment was based on professional engineering judgement.*

9. **Fairfield Marriott Suites** (PTS#530427) proposes to demolish an existing building and replace it with a 106-unit hotel located at 4345 Mission Bay Drive. The site would be expected to generate 848 ADT with 43 trips during the AM peak hour (26 inbound / 17

outbound) and 60 trips during the PM peak hour (24 inbound / 36 outbound). As of the time of June 2018 traffic counts, the project was approved per the City's Open DSD website, but field observations indicate the project is not yet constructed. *Trip generation was developed using City of San Diego trip rates. Trip distribution and assignment was based on professional engineering judgement.*

10. **Lindbergh-Schweitzer Elementary** (PTS#327976) proposes to relocate the existing Kavod Charter School from Cubberley Elementary School to the existing Schweitzer Campus located at 4133 Mount Albertine Avenue. The site would be expected to generate 812 ADT with 252 trips during the AM peak hour (151 inbound / 101 outbound) and 154 trips during the PM peak hour (62 inbound / 93 outbound). As of June 2018 traffic counts, the project was under construction. *Trip generation was developed using City of San Diego trip rates. Trip distribution and assignment was based on professional engineering judgement.*

11. **The Summit at Mission Bay** (PTS#489476) proposes to develop approximately 499 residential units which will replace an existing 323-unit apartment complex located at 3139 Clairemont Drive. The site would be expected to generate 1,056 net ADT with 85 net new trips during the AM peak hour (17 inbound / 68 outbound) and 95 net new trips during the PM peak hour (66 inbound / 29 outbound). As of the time of June 2018 traffic counts, the project was approved per the City's Open DSD website, but field observations indicate the project is not yet constructed. *Trip generation was developed using City of San Diego trip rates. Trip distribution and assignment was based on professional engineering judgement.*

It should be noted that the cumulative projects trip generation represents trips to the street system during typical home-to-work and work-to-home 7:00-9:00AM and 4:00-6:00PM peak periods. These cumulative volumes were assigned to the study area for analysis during the Project-specific peaks between 7:30-9:30AM and 2:30-4:30PM.

Figure 9–1 shows the locations of the cumulative projects and ***Figure 9–2*** depicts the cumulative projects traffic volumes. ***Figure 9–3*** depicts the Near-Term (Opening Year 2022) traffic volumes and ***Figure 9–4*** depicts the Near-Term (Opening Year 2022) + Project traffic volumes.

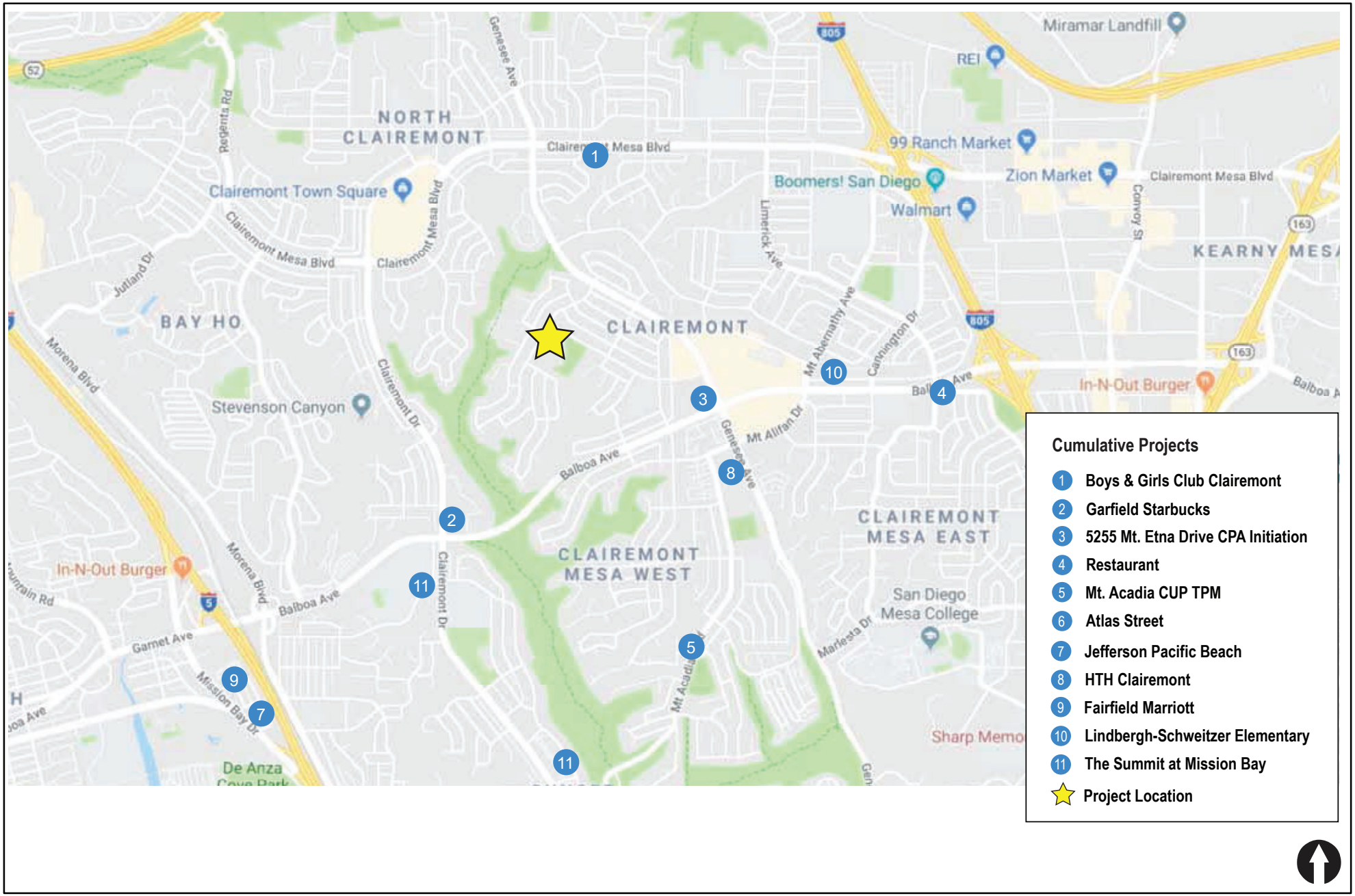
Appendix F contains the cumulative projects assignment sheets.

TABLE 9–1
CUMULATIVE DEVELOPMENT PROJECTS SUMMARY

No.	Name	Project	ADT [a]	AM		PM		Status [b]
				In	Out	In	Out	
1.	Boys and Girls Club Clairemont	Construct a 4,975 SF resource and training center on 3.92 acre site	199	5	3	11	7	Approved
2.	Garfield Starbucks	Additional 1,800 SF of vacant tenant space to be used for eating and drinking establishments	188	8	7	9	6	Approved
3.	5255 Mt Etna Dr CPA Initiation	118 Low Income Apartments to be constructed	1,362	61	163	201	124	Under Review
4.	Restaurant	Proposed restaurant with drive-thru to replace Vavoline oil change	1,344	32	22	54	54	Under Review
5.	Mt Acadia CUP TPM	Demolish existing commercial building and construct 59,472 SF Residential care facility and 5,672 SF of retail	599	30	9	23	30	Approved
6.	Atlas Street	Subdivide a single lot into nine for residential use	72	1	5	5	2	Approved
7.	Jefferson at PB	Demolish 36,000 SF of retail space and construct 172 apartment units and 14,000 SF of retail space.	2,572	45	84	135	97	Under Construction
8.	High Tech High Clairemont	Provide educational services to a maximum of 1,110 students in grades TK-12	2,525	508	398	136	167	Under Construction
9.	Fairfield Marriott Suites	Demolish existing buildings and develop a 106-unit hotel	848	25	17	24	35	Approved
10.	Lindbergh-Schweitzer Elementary	Relocate existing Kavod Charter School from Cubberley Elementary School to the existing Schweitzer Campus	812	151	101	62	92	Under Construction
11.	The Summit at Mission Bay	Develop 499 residential units replacing an existing 323-unit apartment complex	1,056	17	68	66	29	Approved
Total Cumulative Projects			**11,576**	**883**	**877**	**726**	**643**	–

Footnotes:

a. Average daily traffic.
b. Status sourced to the City of San Diego Open DSD website and field observations.



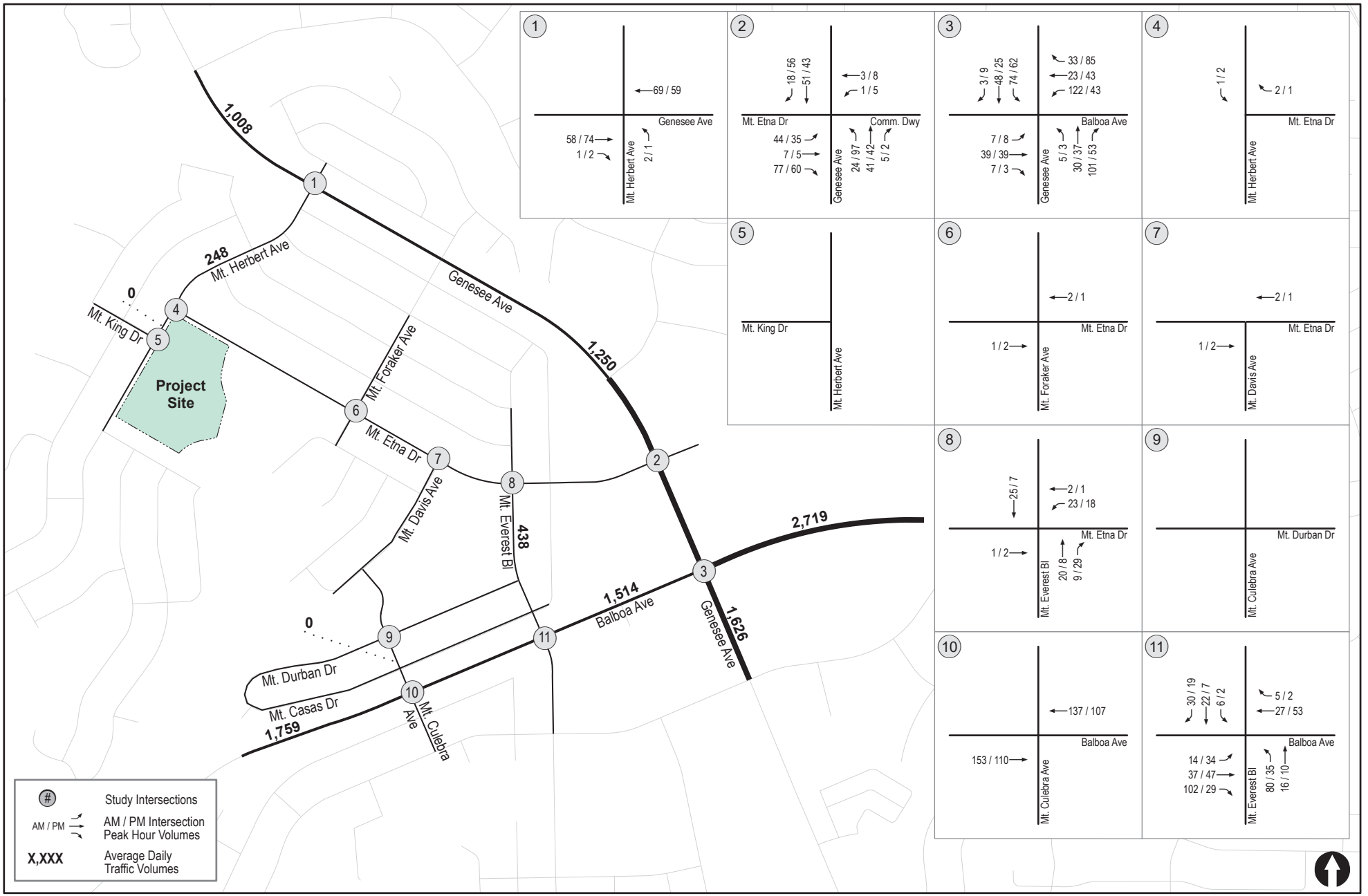
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Figure 9-1

Cumulative Projects Location Map

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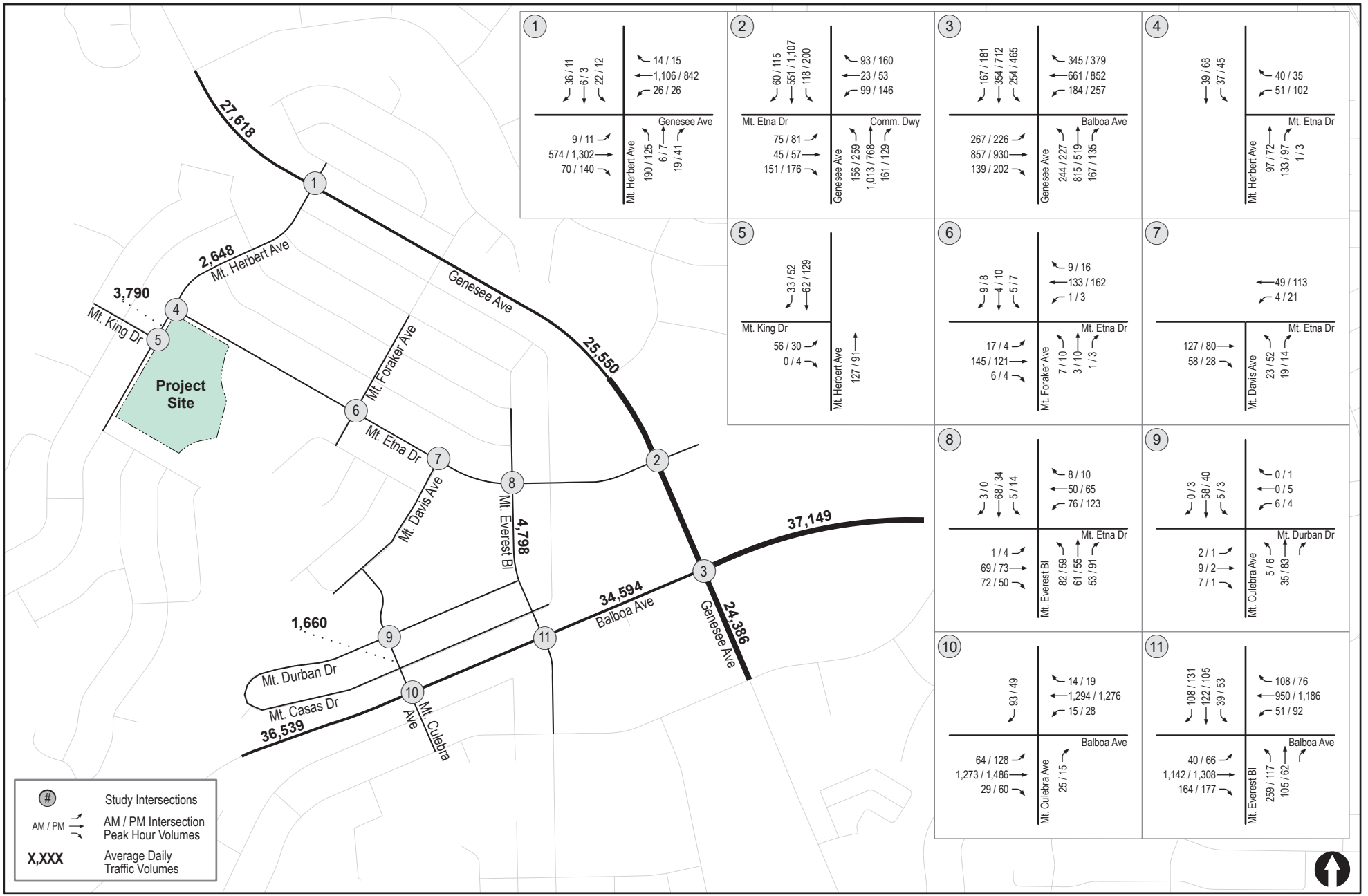
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Figure 9-2

Cumulative Projects Traffic Volumes

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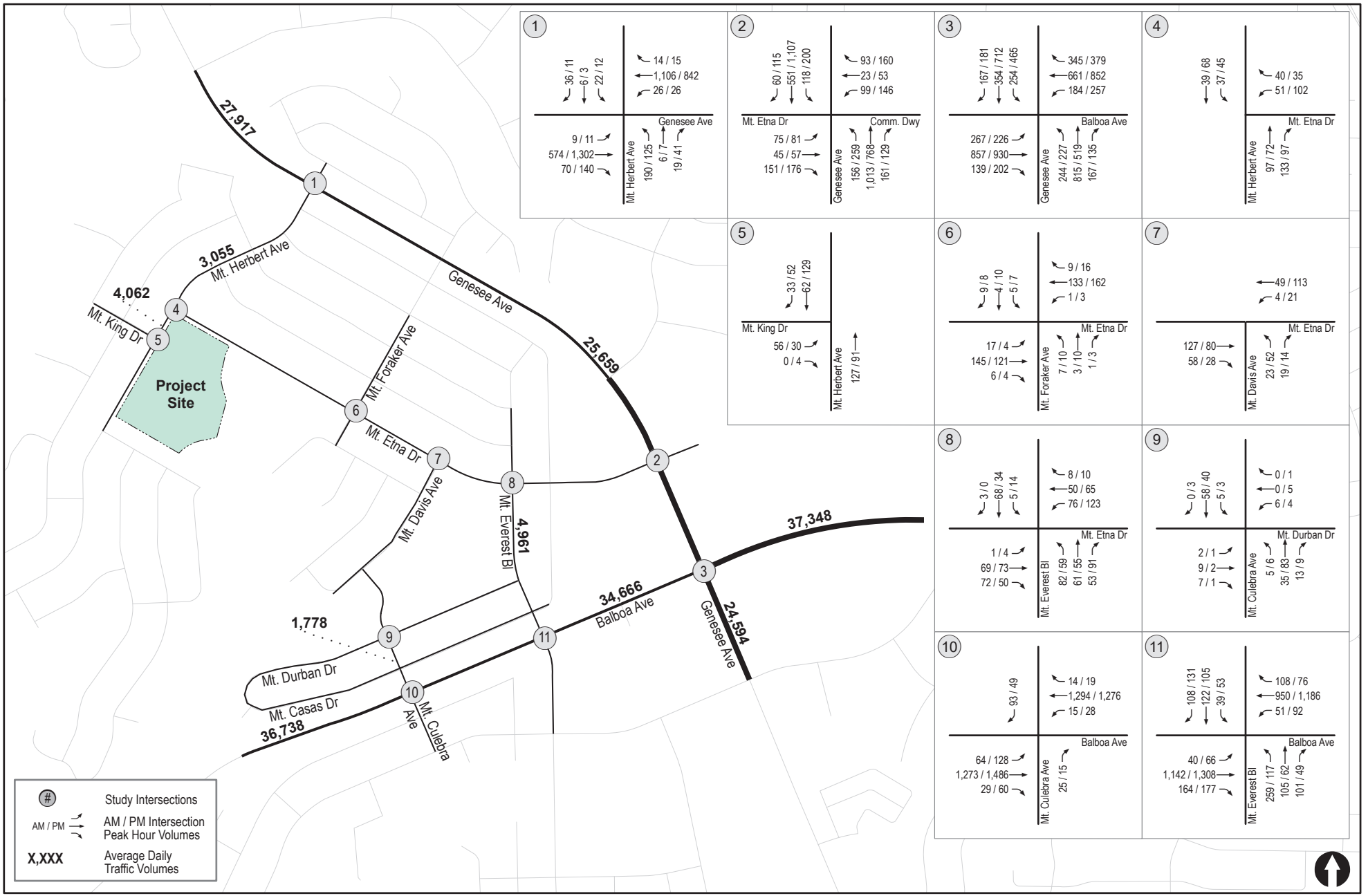
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Figure 9-3

Near-Term (Opening Year 2022) Traffic Volumes

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Figure 9-4

Near-Term (Opening Year 2022) + Project Traffic Volumes

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10.0 ANALYSIS OF NEAR-TERM (OPENING YEAR 2022) SCENARIOS

The following section presents the analysis of study area locations under Near-Term (Opening Year 2022) conditions. The Near-Term (Opening Year 2022) condition represents the effect of Project traffic on the existing street network with assuming the traffic generated by nearby cumulative development projects. No additional roadway network improvements were assumed. All near-term analyses were completed assuming the existing roadway network conditions.

10.1 Near-Term (Opening Year 2022)

10.1.1 *Intersection Analysis*

Table 10–1 summarizes the peak hour intersection operations for the Near-Term (Opening Year 2020) condition. As seen in *Table 10–1*, with the addition of cumulative projects traffic, all intersections are calculated to operate at LOS D or better except for the following:

- Intersection #3. Genesee Avenue/ Balboa Avenue – LOS E during the AM/PM peak hours
- Intersection #11. Mt. Everest Boulevard/ Balboa Avenue – LOS E during the AM/PM peak hours

Appendix G contains the peak hour intersection analysis worksheets for the Near-Term (Opening Year 2022) condition.

10.1.2 *Segment Operations*

Table 10–2 summarizes the key segment operations in the study area for the Near-Term (Opening Year 2022) condition. As seen in *Table 10–2*, with the addition of cumulative projects traffic, all study area segments are calculated to operate at LOS D or better except for the following:

- Segment #10. Balboa Avenue: Clairemont Drive to Mt. Culebra Avenue – LOS E

10.2 Near-Term (Opening Year 2022) + Project

10.2.1 *Intersection Analysis*

Table 10–1 summarizes the peak hour intersection operations for Near-Term (Opening Year 2022) + Project conditions. As seen in *Table 10–1*, with the addition of cumulative projects and Project traffic, all intersections are calculated to continue to operate at LOS D or better except for the following:

- Intersection #3. Genesee Avenue/ Balboa Avenue – LOS E during the AM/PM peak hours
- Intersection #11. Mt. Everest Boulevard/ Balboa Avenue – LOS E during the AM/PM peak hours

Based on City of San Diego significance criteria, **no significant direct impacts** were calculated with the addition of Project traffic, as the increase in delay associated with the Project is less than the allowable 2.0 second threshold.

Appendix H contains the peak hour intersection analysis worksheets for the Near-Term (Opening Year 2022) + Project condition.

10.2.2 *Segment Operations*

Table 10–2 summarizes the key segment operations in the study area for the Near-Term (Opening Year 2022) + Project conditions. As seen in *Table 10–2*, with the addition of cumulative projects and Project traffic, all study area segments are calculated to continue to operate at LOS D or better except for the following:

- Segment #10. Balboa Avenue: Clairemont Drive to Mt. Culebra Avenue – LOS E

Based on City of San Diego significance criteria, **no significant direct impacts** were calculated with the addition of Project traffic, as the increase in the V/C ratio associated with the Project is less than the allowable 0.02 threshold.

TABLE 10–1
NEAR-TERM (OPENING YEAR 2022) INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Near-Term (Opening Year 2022)		Near-Term (Opening Year 2022) + Project		Delay Δ [c]	Sig?
			Delay [a]	LOS [b]	Delay	LOS		
1. Mt. Herbert Avenue / Genesee Avenue	Signal	AM	13.0	B	15.2	B	2.2	No
		PM	12.9	B	17.8	B	4.9	
2. Genesee Avenue / Mt. Etna Drive	Signal	AM	29.0	C	30.9	C	1.9	No
		PM	41.0	D	44.6	D	3.6	
3. Genesee Avenue / Balboa Avenue	Signal	AM	59.6	E	60.9	E	1.3	No
		PM	56.2	E	57.9	E	1.7	
4. Mt. Herbert Avenue / Mt. Etna Drive	AWSC [c]	AM	8.2	A	9.1	A	0.9	No
		PM	8.4	A	9.3	A	0.9	
5. Mt. Herbert Avenue / Mt. King Drive	MSSC [d]	AM	10.1	B	10.9	B	0.8	No
		PM	10.2	B	10.8	B	0.6	
6. Mt. Foraker Avenue / Mt. Etna Drive	AWSC	AM	8.1	A	8.9	A	0.8	No
		PM	8.2	A	8.9	A	0.7	
7. Mt. Davis Avenue / Mt. Etna Drive	MSSC	AM	9.7	A	10.8	B	1.1	No
		PM	10.3	B	11.4	B	1.1	
8. Mt. Everest Boulevard / Mt. Etna Drive	AWSC	AM	9.1	A	10.1	B	1.0	No
		PM	9.4	A	10.2	B	0.8	
9. Mt. Culebra Avenue / Mt. Durban Drive	AWSC	AM	7.3	A	7.4	A	0.1	No
		PM	7.4	A	7.5	A	0.1	
10. Mt. Culebra Avenue / Balboa Avenue	MSSC	AM	18.3	C	19.3	C	1.0	No
		PM	17.4	C	17.6	C	0.2	
11. Mt. Everest Boulevard / Balboa Avenue	Signal	AM	73.7	E	74.9	E	1.2	No
		PM	73.5	E	74.9	E	1.4	

Footnotes:

a. Average delay expressed in seconds per vehicle.
b. Level of Service.
c. Δ denotes the increase in delay (in seconds) due to Project.
d. AWSC = All-Way Stop-Controlled intersection. Average delay reported.
e. MSSC = Minor Street Stop-Controlled intersection. Minor street critical movement delay reported.

General Notes:

1. Sig = Significant impact, yes or no.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

TABLE 10–2
NEAR-TERM (OPENING YEAR 2022) STREET SEGMENT OPERATIONS

Street Segment	Existing Capacity (LOS E)[a]	Near-Term (Opening Year 2022)			Near-Term (Opening Year 2022) + Project			Δ [e]	Sig?
		ADT [b]	LOS [c]	V/C [d]	ADT	LOS	V/C		
Genesee Avenue									
1. Chateau Drive to Mt. Herbert Avenue	40,000	27,618	C	0.690	27,917	C	0.698	0.007	No
2. Mt. Foraker Avenue to Mt. Etna Drive	40,000	25,550	C	0.639	25,659	C	0.641	0.003	No
3. Balboa Avenue to Mt. Alifan Drive	45,000	24,386	B	0.542	24,594	C	0.547	0.005	No
Mt. Herbert Avenue									
4. Mt. Gaywas Drive to Mt. Etna Drive	8,000	2,648	B	0.331	3,055	B	0.382	0.051	No
5. Mt. Etna Drive to Mt. King Drive	8,000	3,790	C	0.474	4,062	C	0.508	0.034	No
Mt. Everest Boulevard									
6. Mt. Etna Drive to Mt. Durban Drive	8,000	4,798	C	0.600	4,961	C	0.620	0.020	No
Mt. Culebra Avenue									
7. Mt. Durban Drive to Mt. Casas Drive	2,200	1,660	C+	0.755	1,778	C+	0.808	0.054	No
Balboa Avenue									
8. Clairemont Drive to Mt. Culebra Avenue	40,000	36,539	E	0.913	36,738	E	0.918	0.005	No
9. Mt. Everest Boulevard to Genesee Avenue	40,000	34,594	D	0.865	34,666	D	0.867	0.002	No
10. Genesee Avenue to Mt. Alifan Drive	50,000	37,149	C	0.743	37,348	C	0.747	0.004	No

Footnotes:

a. Capacities based on City of San Diego Roadway Classification & LOS table (See *Appendix C*).
b. Average Daily Traffic.
c. Level of Service.
d. Volume to Capacity ratio.
e. Δ denotes a Project-induced increase in the Volume to Capacity ratio.

General Notes:

1. Sig = Significant impact, yes or no.

11.0 HORIZON YEAR 2035 CONDITIONS

The SANDAG Series 12 traffic forecast model was used in the Year 2035 analysis. The forecast model is completed in two stages. During the first stage, SANDAG produces a region-wide forecast based on existing demographic and economic trends. During the second stage, a sub-regional forecast is developed by working with local jurisdictions to understand existing and General Plan land use plans (including Community Plans). These land use plans then become an input to a sub-regional forecast model that uses data on existing development, future land use plans, proximity to existing job centers, past development patterns, and travel times to predict where growth is likely to occur in the future.

With respect the site, LLG reviewed the Base Year 2008 and Year 2035 output volumes for the site, and observed a nominal increase in site traffic of 5%, which indicates that no expansion was assumed. As such, the Horizon Year analysis requires an additive approach, where the Project trip generation is distributed, assigned and added to the Horizon Year network.

11.1 Horizon Year 2035 Network Conditions

The Year 2035 street network in Series 12 includes Genesee Avenue built to its ultimate classification of a Six-Lane Major road within the study area from Balboa Avenue to Mt. Alifan Drive. Specifics on this one network component is mentioned below:

- Genesee Avenue between Balboa Avenue and Mt. Alifan Drive is classified as a six-lane roadway in the Clairemont Mesa Community Plan. In the *Clairemont Mesa Public Facilities Financing Plan*, Project No. CM-T3 indicates that funding for this improvement is currently unidentified.

The time frame for implementation and funding source for the network changes listed above are currently unknown. Therefore, no street segment or intersection improvements over existing on-the-ground conditions were assumed in the Year 2035 analyses of study area intersections and streets segments included in this report. It is acknowledged that under some circumstances, significant future network improvements assumed in a traffic model (such as major roadway widenings, new roadway links, etc.) could induce or otherwise change traffic demand because of the additional capacity they afford. However, given the size and location of this subject segment, the surrounding land uses, and the general built-out condition of the community even in the existing condition, no meaningful induced demand would be considered with the model's assumption of six-lanes versus five-lanes used in the analysis.

Table 11–1 provides a summary of the Community Plan Roadway Classifications and capacities assumed in the analysis.

TABLE 11–1
COMMUNITY PLAN ROADWAY CLASSIFICATIONS

Street Segment	Community Plan Classification [a]	Current Configuration [b] (Assumed in Year 2035 Analysis)
Genesee Avenue		
1. Chateau Drive to Mt. Herbert Avenue	4-Ln Major	4-Ln Major
2. Mt. Foraker Avenue to Mt. Etna Drive	4-Ln Major	4-Ln Major
3. Balboa Avenue to Mt. Alifan Drive	**6-Ln Major**	**5-Ln Major**
Mt. Herbert Avenue		
4. Mt. Gaywas Drive to Mt. Etna Drive	2-Ln Collector	2-Ln Collector
5. Mt. Etna Drive to Mt. King Drive	2-Ln Collector	2-Ln Collector
Mt. Everest Boulevard		
6. Mt. Etna Drive to Mt. Durban Drive	2-Ln Collector	2-Ln Collector
Mt. Culebra Avenue		
7. Mt. Durban Drive to Mt. Casas Drive	2-Ln Sub-Collector	2-Ln Sub-Collector
Balboa Avenue		
8. Clairemont Drive to Mt. Culebra Avenue	4-Ln Major	4-Ln Major
9. Mt. Everest Boulevard to Genesee Avenue	4-Ln Major	4-Ln Major
10. Genesee Avenue to Mt. Alifan Drive	6-Ln Major	6-Ln Major

Footnotes:

a. City of San Diego General Plan Classification based on Clairemont Mesa Community Plan.
b. The baseline traffic analysis in this report utilized the current network configurations in the Year 2035 analysis.

General Notes:

1. Ln = Lane

11.2 Horizon Year 2035 Traffic Volumes

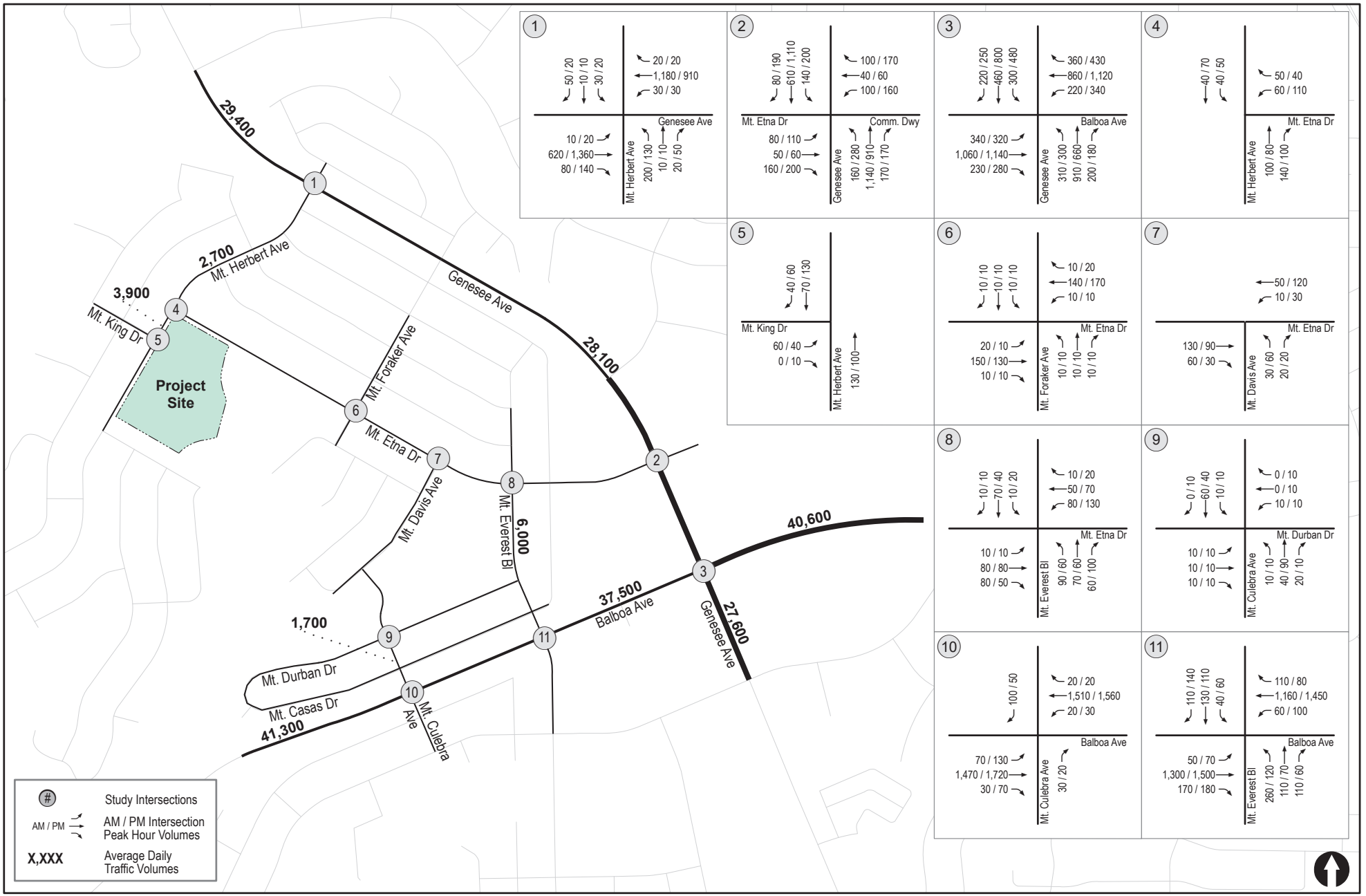
The Year 2035 volumes were obtained from the SANDAG Series 12 Year 2035 forecast traffic model to forecast the roadway segment baseline traffic volumes representing the Year 2035 Without Project conditions. The peak hour turning movement volumes at an intersection were estimated from future ADT volumes using the relationship between existing peak hour turning movements and the existing ADT volumes. This same relationship can be assumed to generally continue in the future.

It should be noted that the forecasted peak hour volumes represent the typical home-to-work and work-to-home 7:00-9:00AM and 4:00-6:00PM peak periods. These timeframes were used in the Horizon Year 2035 AM and mid-PM analysis specific to this Project.

The increase in traffic with the proposed Project was then added to the baseline Year 2035 traffic volumes to arrive at Year 2035 With Project conditions.

Figure 11–1 depicts the Horizon Year 2035 Without Project traffic volumes. ***Figure 11–2*** depicts the Horizon Year 2035 With Project traffic volumes.

Appendix I contains the Horizon Year 2035 traffic volume forecasts.



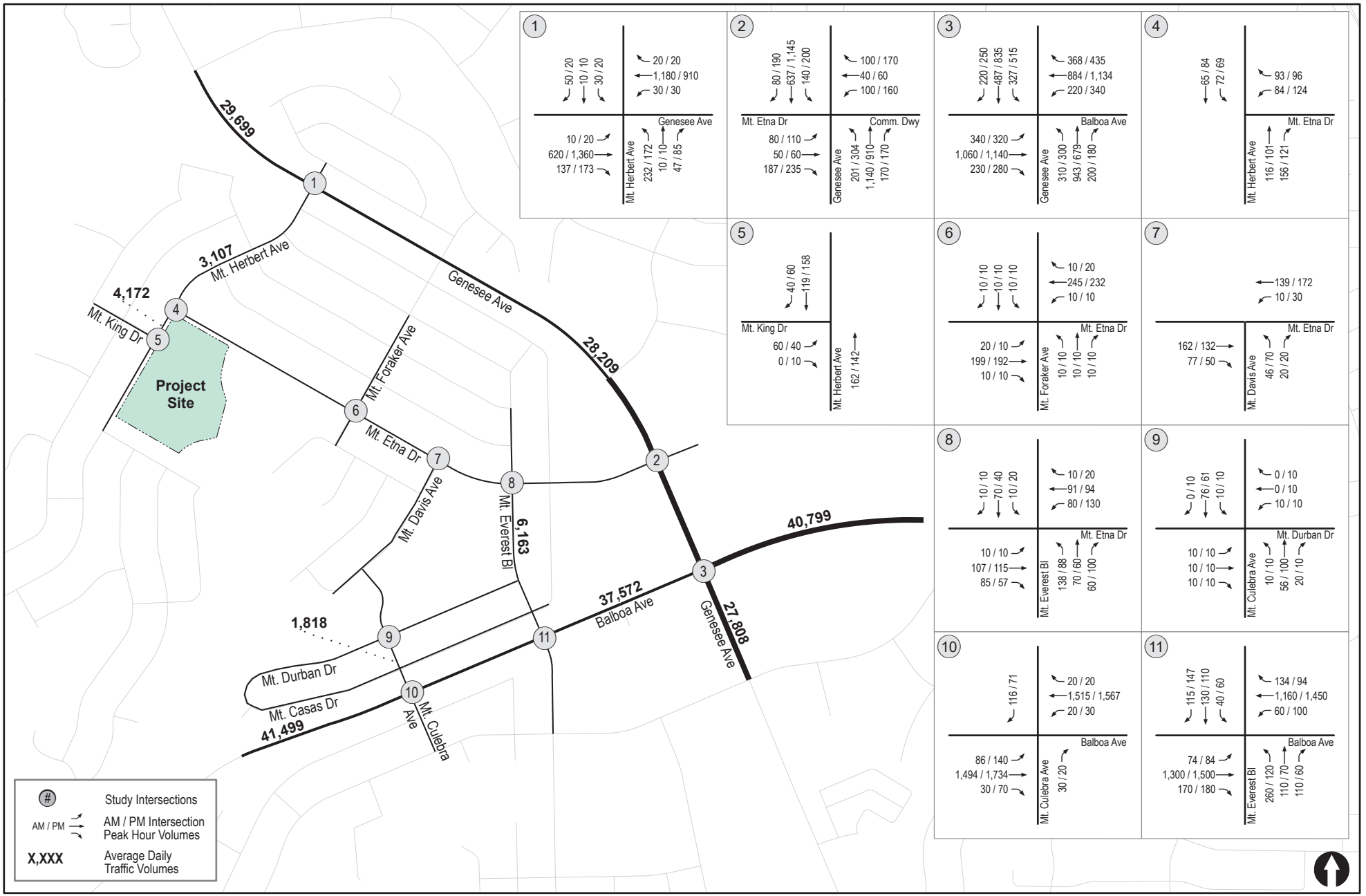
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Figure 11-1

Horizon Year 2035 Without Project Traffic Volumes

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Figure 11-2

Horizon Year 2035 With Project Traffic Volumes

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12.0 ANALYSIS OF HORIZON YEAR 2035 SCENARIOS

The following section presents the analysis of study area locations under Horizon Year 2035 conditions. The Horizon Year 2035 condition evaluates the effect of Project traffic on the street network discussed in *Section 11.1* of this report.

12.1 Horizon Year 2035 Without Project

12.1.1 *Intersection Analysis*

Table 12–1 summarizes the peak hour intersection operations for the Horizon Year 2035 Without Project condition. As seen in *Table 12–1*, all intersections are calculated to continue to operate at LOS D or better except for the following:

- Intersection #3. Genesee Avenue/ Balboa Avenue – LOS E/F during the AM/PM peak hours
- Intersection #11. Mt. Everest Boulevard/ Balboa Avenue – LOS F during the AM/PM peak hours

Appendix J contains the peak hour intersection analysis worksheets for the Horizon Year 2035 Without Project condition.

12.1.2 *Segment Operations*

Table 12–2 summarizes the key segment operations in the study area for the Horizon Year 2035 Without Project condition. As seen in *Table 12–2*, all study area segments are calculated to operate at LOS C or better except for the following:

- Segment #10. Balboa Avenue: Clairemont Drive to Mt. Culebra Avenue – LOS E

12.2 Horizon Year 2035 With Project

12.2.1 *Intersection Analysis*

Table 12–1 summarizes the peak hour intersection operations for the Horizon Year 2035 With Project condition. As seen in *Table 12–1*, with the addition of Project traffic, all intersections are calculated to continue to operate at LOS D or better except for the following:

- Intersection #3. Genesee Avenue/ Balboa Avenue – LOS E/F during the AM/PM peak hours
- Intersection #11. Mt. Everest Boulevard/ Balboa Avenue – LOS F during the AM/PM peak hours

Based on City of San Diego significance criteria, **no significant cumulative impacts** were calculated with the addition of Project traffic, as the increase in delay associated with the Project is less than the allowable 2.0 second threshold.

Appendix K contains the peak hour intersection analysis worksheets for the Horizon Year 2035 With Project condition.

12.2.2 *Segment Operations*

Table 12–2 summarizes the key segment operations in the study area for the Horizon Year 2035 With Project condition. As seen in *Table 12–2*, all study area segments are calculated to operate at LOS C or better except for the following:

- Segment #10. Balboa Avenue: Clairemont Drive to Mt. Culebra Avenue – LOS E

Based on City of San Diego significance criteria, **no significant cumulative impacts** were calculated with the addition of Project traffic, as the increase in the V/C ratio associated with the Project is less than the allowable 0.02 threshold.

TABLE 12–1
HORIZON YEAR 2035 INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Horizon Year 2035 Without Project		Horizon Year 2035 With Project		Delay Δ [c]	Sig?
			Delay [a]	LOS [b]	Delay	LOS		
1. Mt. Herbert Avenue / Genesee Avenue	Signal	AM	14.5	B	17.2	B	2.7	No
		PM	14.7	B	20.5	C	5.8	
2. Genesee Avenue / Mt. Etna Drive	Signal	AM	30.0	C	31.8	C	1.8	No
		PM	43.1	D	48.8	D	5.7	
3. Genesee Avenue / Balboa Avenue	Signal	AM	74.2	E	74.7	E	0.5	No
		PM	93.5	F	93.8	F	0.3	
4. Mt. Herbert Avenue / Mt. Etna Drive	AWSC [c]	AM	8.4	A	9.3	A	0.9	No
		PM	8.6	A	9.5	A	0.9	
5. Mt. Herbert Avenue / Mt. King Drive	MSSC [d]	AM	10.3	B	11.0	B	0.7	No
		PM	10.4	B	10.9	B	0.5	
6. Mt. Foraker Avenue / Mt. Etna Drive	AWSC	AM	8.3	A	9.4	A	1.1	No
		PM	8.4	A	9.2	A	0.8	
7. Mt. Davis Avenue / Mt. Etna Drive	MSSC	AM	9.9	A	11.1	B	1.2	No
		PM	10.7	B	11.9	B	1.2	
8. Mt. Everest Boulevard / Mt. Etna Drive	AWSC	AM	9.5	A	10.9	B	1.4	No
		PM	9.9	A	10.9	B	1.0	
9. Mt. Culebra Avenue / Mt. Durban Drive	AWSC	AM	7.4	A	7.5	A	0.1	No
		PM	7.6	A	7.7	A	0.1	
10. Mt. Culebra Avenue / Balboa Avenue	MSSC	AM	22.8	C	24.6	C	1.8	No
		PM	20.8	C	21.5	C	0.7	
11. Mt. Everest Boulevard / Balboa Avenue	Signal	AM	109.4	F	110.1	F	0.7	No
		PM	108.4	F	108.5	F	0.1	

Footnotes:

a. Average delay expressed in seconds per vehicle.
b. Level of Service.
c. Δ denotes the increase in delay (in seconds) due to Project.
d. AWSC = All-Way Stop-Controlled intersection. Average delay reported.
e. MSSC = Minor Street Stop-Controlled intersection. Minor street critical movement delay reported.

General Notes:

1. Sig = Significant impact, yes or no.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

TABLE 12–2
HORIZON YEAR 2035 STREET SEGMENT OPERATIONS

Street Segment	Existing Capacity (LOS E)[a]	Horizon Year 2035 Without Project			Horizon Year 2035 With Project			Δ [e]	Sig?
		ADT [b]	LOS [c]	V/C [d]	ADT	LOS	V/C		
Genesee Avenue									
1. Chateau Drive to Mt. Herbert Avenue	40,000	29,400	C	0.735	29,699	C	0.742	0.007	No
2. Mt. Foraker Avenue to Mt. Etna Drive	40,000	28,100	C	0.703	28,209	C	0.705	0.003	No
3. Balboa Avenue to Mt. Alifan Drive	45,000	27,600	C	0.613	27,808	C	0.618	0.005	No
Mt. Herbert Avenue									
4. Mt. Gaywas Drive to Mt. Etna Drive	8,000	2,700	B	0.338	3,107	B	0.388	0.051	No
5. Mt. Etna Drive to Mt. King Drive	8,000	3,900	C	0.488	4,172	C	0.522	0.034	No
Mt. Everest Boulevard									
6. Mt. Etna Drive to Mt. Durban Drive	8,000	6,000	D	0.750	6,163	D	0.770	0.020	No
Mt. Culebra Avenue									
7. Mt. Durban Drive to Mt. Casas Drive	2,200	1,700	C+	0.773	1,818	C+	0.826	0.054	No
Balboa Avenue									
8. Clairemont Drive to Mt. Culebra Avenue	40,000	42,400	F	1.060	42,599	F	1.065	0.005	No
9. Mt. Everest Boulevard to Genesee Avenue	40,000	35,800	E	0.895	35,872	E	0.897	0.002	No
10. Genesee Avenue to Mt. Alifan Drive	50,000	37,600	C	0.752	37,799	C	0.756	0.004	No

Footnotes:

a. Capacities based on City of San Diego Roadway Classification & LOS table (See *Appendix C*).
b. Average Daily Traffic.
c. Level of Service.
d. Volume to Capacity ratio.
e. Δ denotes a Project-induced increase in the Volume to Capacity ratio.

General Notes:

1. Sig = Significant impact, yes or no.

13.0 SITE ACCESS & CIRCULATION REVIEW

Vehicular access to the Project site will continue to occur via Mt. Herbert Avenue and Mount Etna Drive with development of the Project.

Currently, there are three (3) driveways to the site from Mt. Etna Drive: two driveways (1 inbound/ 1 outbound) serving the pick-up/drop-off bus loop, and one inbound driveway serving a staff/visitor parking lot. There are also two (2) driveways currently present on Mt. Herbert Avenue: one outbound driveway from the staff/visitor lot described above, and a gated service driveway for the site. ***Image 1*** below shows these five driveway locations:



Image 1 – Existing Site Driveway Locations

The Project site plan shown on *Figure 2–3* shows that the total number of driveways will be reduced from five to four, with the on-site pick-up/drop-off bus loop driveway consolidated into a single two-way driveway to Mt. Etna. A pair of driveways west of the pick-up/drop-off bus loop driveway will provide access to the visitor parking lots, as well as to a one-way student drop-off lane. This revised driveway configuration removes the current outbound traffic driveway to Mt. Herbert

Avenue, thus removing outbound traffic volumes from the Mount Herbert Avenue/Mount Etna Drive intersection. ***Image 2*** below shows the proposed driveway layout along Mt. Etna Drive for comparative purposes:

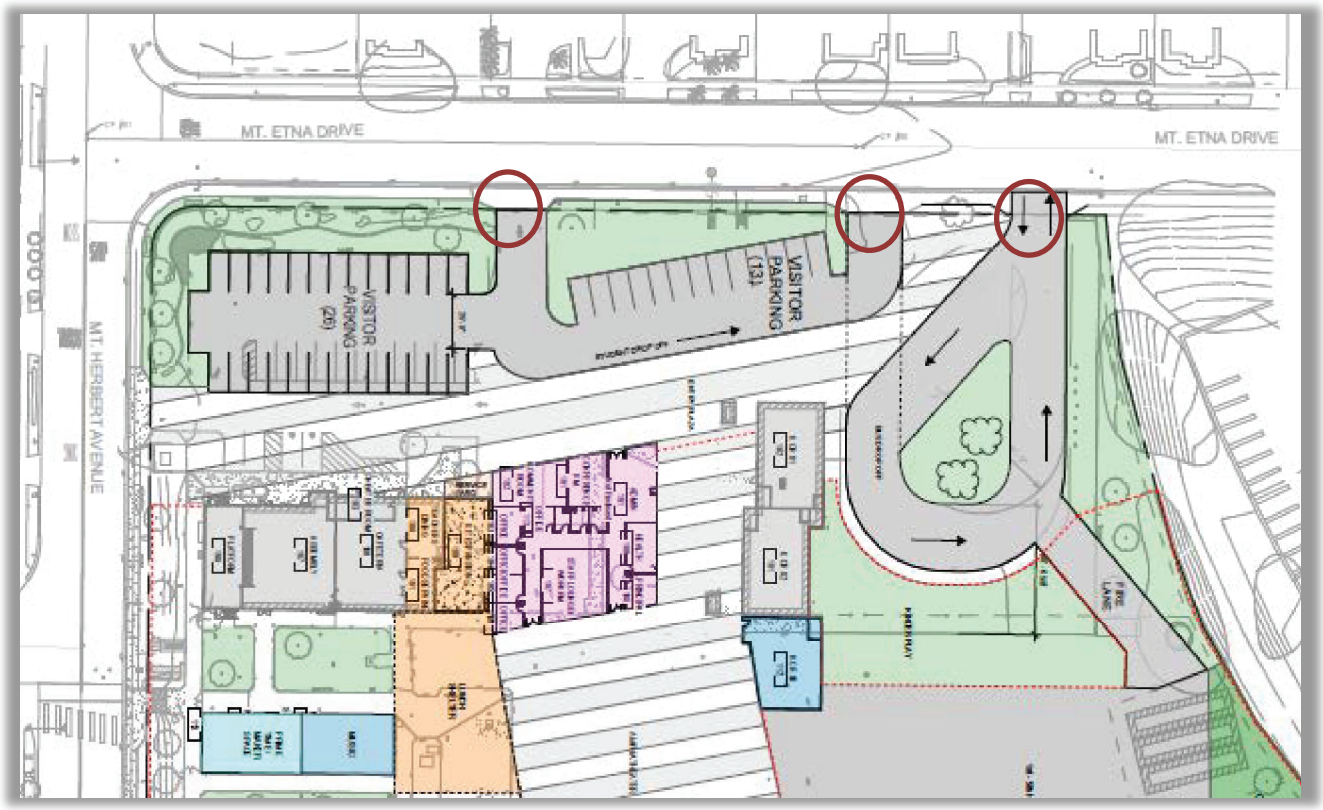


Image 2 – Proposed Site Driveway Locations (Mt. Etna Drive)

This image shows the visitor parking locations and the one-way pick-up/drop off circulation along the buildings fronting Mt. Etna Drive. It also shows the consolidated bus-loop driveway and on-site pick-up/drop-off area relative to the school buildings.

Along Mt. Herbert Avenue, the Project proposed a single two-way driveway for the staff parking lot and student pick-up/drop-off at the southernmost portion of the site. Again, the existing outbound-only driveway (shown above in Image 1 above) is eliminated, reducing conflicts at the proximate intersection.

Image 3 shows the proposed Mt. Herbert Avenue driveway and the staff parking lot/student drop-off lane.

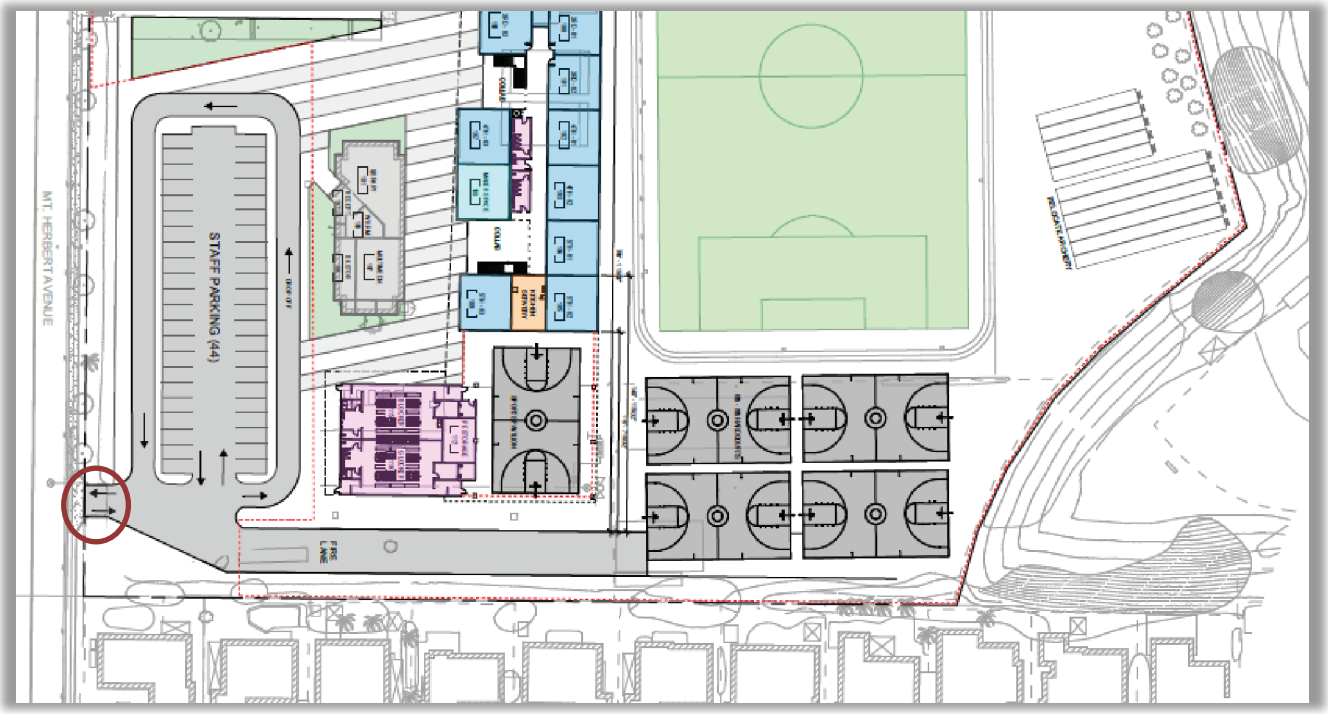


Image 3 – Proposed Site Driveway Locations (Mt. Herbert Avenue)

Overall, the site design reduces driveways and associated conflicts, and provides dedicated on-site pick-up/drop-off areas for passenger vehicles (and busses) to reduce the potential for these activities to occur on the public streets. The provision of two on-site pick-up/drop-off locations (apart from the bus-loop) is also designed to reduce traffic overloading of either Mt. Etna Drive or Mt. Herbert Avenue with 100% of school pick-up/drop-off activity, as would occur with only one on-site pick-up/drop-off location. The driveways are also placed as far as practical from the Mount Herbert Avenue/ Mount Etna Drive intersection to minimize driveway-turn conflicts that could exacerbate peak intersection delays during the peak drop-off and pick-up times.

14.0 SIGNIFICANCE OF IMPACTS AND MITIGATION MEASURES

Per City of San Diego significance thresholds and the analysis methodology presented in this report, Project-related traffic is calculated to result in zero (0) direct and zero (0) cumulative impacts. Therefore, no mitigation measures are recommended.

End of Report

LINSCOTT LAW & GREENSPAN engineers

TECHNICAL APPENDICES
JOHN MUIR SCHOOL

San Diego, California
March 22, 2019

LLG Ref. 3-18-2987

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APPENDIX A

INTERSECTION AND SEGMENT COUNT SHEETS

INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: PACIFIC TECHNICAL DATA

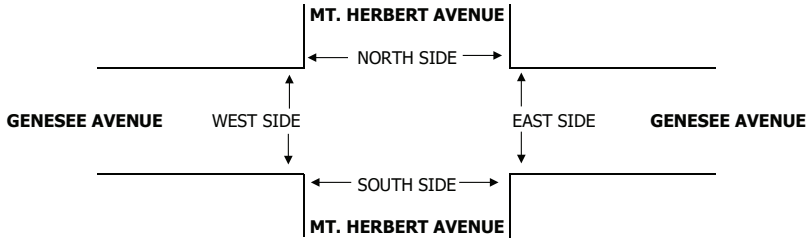
DATE:	LOCATION:	CLAIREMONT	PROJECT #:	PTD18-0608-02
6/7/18	NORTH & SOUTH:	MT. HERBERT AVENUE	LOCATION #:	1
THURSDAY	EAST & WEST:	GENESEE AVENUE	CONTROL:	SIGNAL

NOTES:

INCLUDES BIKE PED. AM 7:30-9:30 PM 2:30-4:30

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

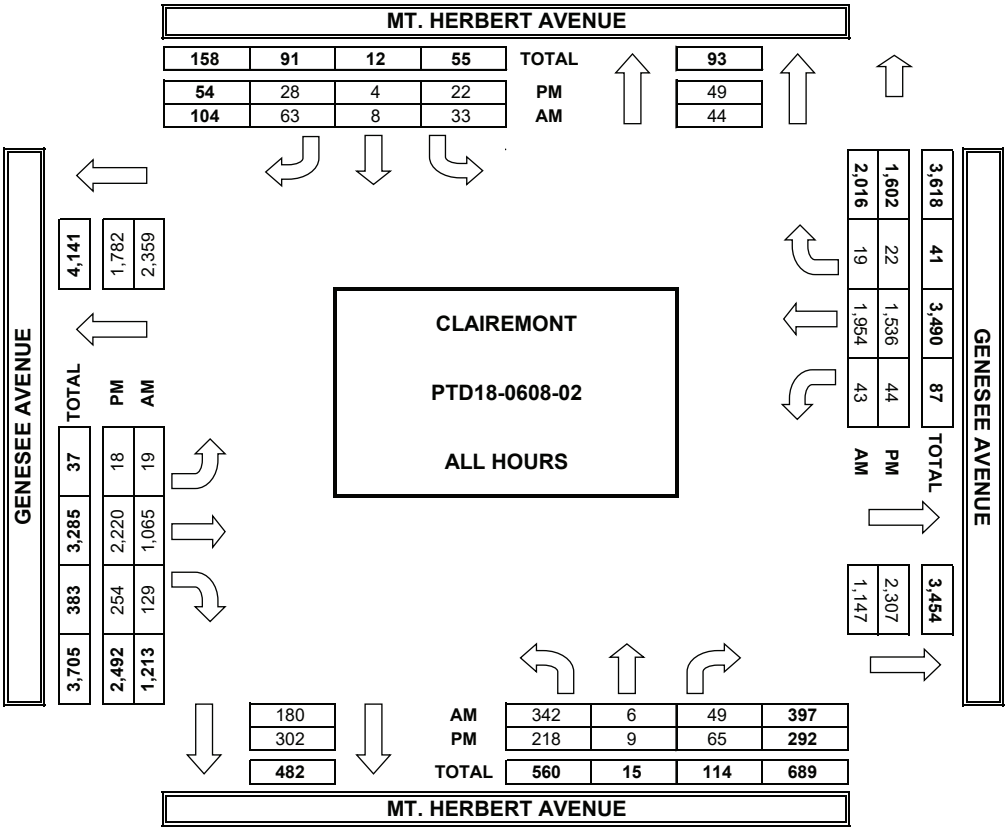
		NORTHBOUND MT. HERBERT AVENUE			SOUTHBOUND MT. HERBERT AVENUE			EASTBOUND GENESEE AVENUE			WESTBOUND GENESEE AVENUE				U-TURNS				
	LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL	NB X	SB X	EB X	WB X	TTL
AM	7:30 AM	45	0	8	3	1	10	2	114	15	3	276	3	480					0
	7:45 AM	42	0	5	4	0	8	3	135	21	4	240	0	462					0
	8:00 AM	42	1	3	7	2	9	4	142	12	7	239	2	470					0
	8:15 AM	48	2	0	7	0	11	0	144	17	3	262	0	494					0
	8:30 AM	50	1	8	4	2	6	1	97	16	6	271	2	464					0
	8:45 AM	48	2	8	4	2	10	4	133	24	10	265	10	520					0
	9:00 AM	41	0	11	3	0	4	2	161	14	7	204	2	449				1	1
	9:15 AM	26	0	6	1	1	5	3	139	10	3	197	0	391					0
	VOLUMES	342	6	49	33	8	63	19	1,065	129	43	1,954	19	3,730	0	0	0	1	1
	APPROACH %	86%	2%	12%	32%	8%	61%	2%	88%	11%	2%	97%	1%						
	APP/DEPART	397	/	44	104	/	180	1,213	/	1,147	2,016	/	2,359	0					
	BEGIN PEAK HR	8:00 AM																	
	VOLUMES	188	6	19	22	6	36	9	516	69	26	1,037	14	1,948					
	APPROACH %	88%	3%	9%	34%	9%	56%	2%	87%	12%	2%	96%	1%						
	PEAK HR FACTOR	0.903			0.889			0.922			0.945			0.937					
	APP/DEPART	213	/	29	64	/	101	594	/	557	1,077	/	1,261	0					
PM	2:30 PM	29	0	6	2	0	4	3	224	21	6	193	0	488					0
	2:45 PM	17	0	9	3	0	3	0	234	35	3	177	1	482					0
	3:00 PM	32	2	4	3	1	6	2	241	25	3	205	4	528					0
	3:15 PM	16	0	5	2	0	4	2	293	35	6	178	2	543				1	1
	3:30 PM	32	3	5	4	0	0	4	269	46	4	206	1	574					0
	3:45 PM	37	1	19	2	1	6	2	322	34	11	184	0	619					0
	4:00 PM	28	3	9	5	0	2	2	317	31	6	200	6	609				3	3
	4:15 PM	27	0	8	1	2	3	3	320	27	5	193	8	597				1	1
	VOLUMES	218	9	65	22	4	28	18	2,220	254	44	1,536	22	4,440	0	0	0	5	5
	APPROACH %	75%	3%	22%	41%	7%	52%	1%	89%	10%	3%	96%	1%						
	APP/DEPART	292	/	49	54	/	302	2,492	/	2,307	1,602	/	1,782	0					
	BEGIN PEAK HR	3:30 PM																	
	VOLUMES	124	7	41	12	3	11	11	1,228	138	26	783	15	2,399					
	APPROACH %	72%	4%	24%	46%	12%	42%	1%	89%	10%	3%	95%	2%						
	PEAK HR FACTOR	0.754			0.722			0.962			0.972			0.969					
	APP/DEPART	172	/	33	26	/	167	1,377	/	1,281	824	/	918	0					

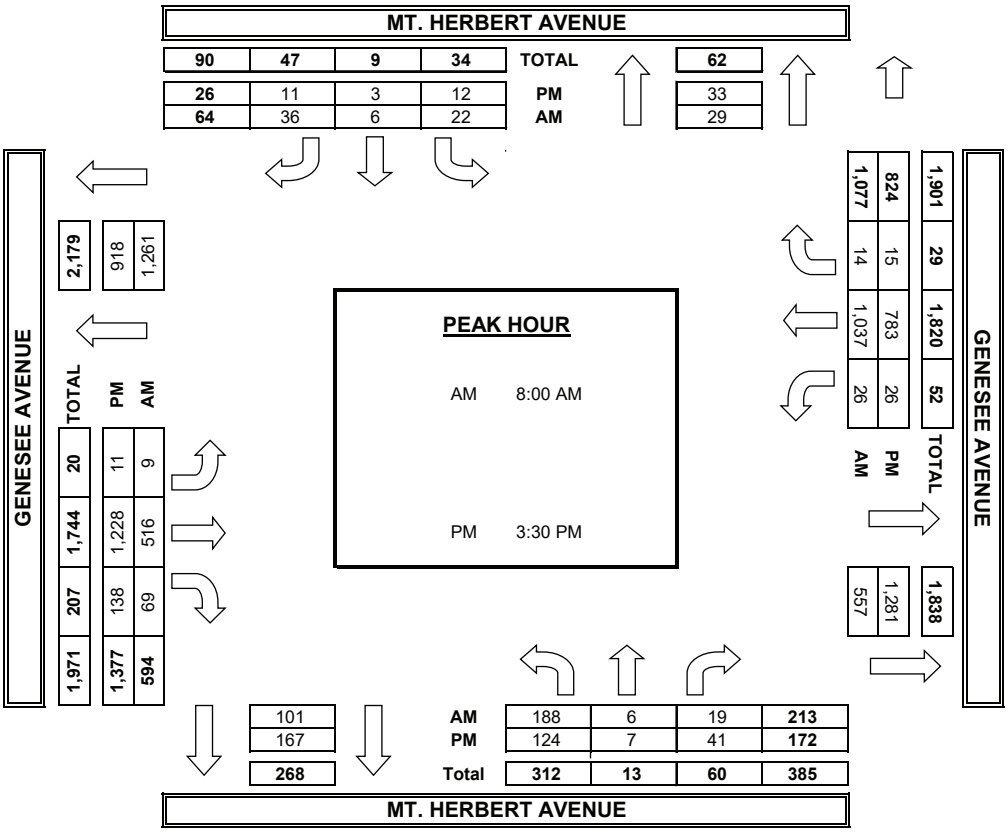


		PEDESTRIAN CROSSINGS					PEDESTRIAN ACTIVATIONS					BICYCLE CROSSINGS				
		N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	NS	SS	ES	WS	TOTAL
AM	7:30 AM				2	2					0					0
	7:45 AM	2		1	1	4					0	1		1		2
	8:00 AM		1	1	2	4					0					0
	8:15 AM	1		1		2					0		1			1
	8:30 AM	1		1	4	6					0					0
	8:45 AM	1	1		1	3					0					0
	9:00 AM					0					0					0
	9:15 AM				1	1					0					0
	TOTAL	5	2	4	11	22	0	0	0	0	0	1	1	1	0	3
PM	2:30 PM		1		1	2					0					0
	2:45 PM					0					0					0
	3:00 PM				1	1					0					0
	3:15 PM	1	1	1		3					0					0
	3:30 PM				2	2					0					0
	3:45 PM	1		1		2					0	1				1
	4:00 PM	1	1			2					0					0
	4:15 PM					0					0		1			1
	TOTAL	3	3	2	4	12	0	0	0	0	0	1	1	0	0	2

PACIFIC TECHNICAL DATA

TURNING MOVEMENT COUNTS





INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: PACIFIC TECHNICAL DATA

DATE:	LOCATION:	CLAIREMONT	PROJECT #:	PTD18-0608-02
6/7/18	NORTH & SOUTH:	GENESEE AVENUE	LOCATION #:	2
THURSDAY	EAST & WEST:	MT. ETNA DRIVE	CONTROL:	SIGNAL

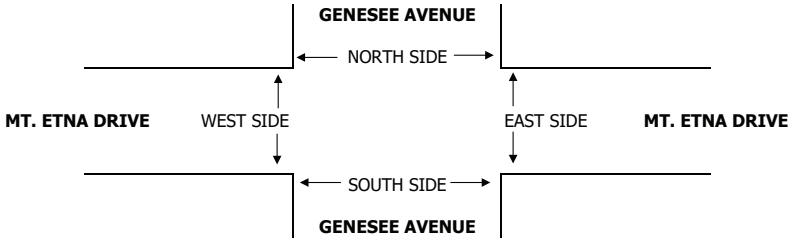
NOTES:

INCLUDES BIKE PED. AM 7:30-9:30 PM 2:30-4:30

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

		NORTHBOUND GENESEE AVENUE			SOUTHBOUND GENESEE AVENUE			EASTBOUND MT. ETNA DRIVE			WESTBOUND MT. ETNA DRIVE			
	LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
AM	7:30 AM	20	241	13	18	121	6	5	8	12	17	9	14	484
	7:45 AM	17	270	28	23	134	10	8	6	22	16	0	16	550
	8:00 AM	21	247	33	36	124	8	4	12	21	15	4	22	547
	8:15 AM	23	236	27	30	134	7	2	6	9	22	6	20	522
	8:30 AM	35	282	28	20	98	10	6	10	23	29	4	28	573
	8:45 AM	49	242	50	33	125	11	14	14	22	29	7	17	613
	9:00 AM	25	212	51	35	143	14	9	8	20	18	3	28	566
	9:15 AM	22	160	48	50	120	7	8	7	16	39	11	28	516
	VOLUMES	212	1,890	278	245	999	73	56	71	145	185	44	173	4,371
	APPROACH %	9%	79%	12%	19%	76%	6%	21%	26%	53%	46%	11%	43%	
	APP/DEPART	2,380	/	2,119	1,317	/	1,329	272	/	594	402	/	329	0
	BEGIN PEAK HR		8:15 AM											
	VOLUMES	132	972	156	118	500	42	31	38	74	98	20	93	2,274
	APPROACH %	10%	77%	12%	18%	76%	6%	22%	27%	52%	46%	9%	44%	
	PEAK HR FACTOR		0.913			0.859			0.715			0.865		0.927
	APP/DEPART	1,260	/	1,096	660	/	672	143	/	312	211	/	194	0
PM	2:30 PM	17	164	40	58	163	21	10	18	34	44	22	37	628
	2:45 PM	22	184	37	58	215	10	15	6	25	47	7	36	662
	3:00 PM	30	186	45	51	171	33	16	9	37	30	13	43	664
	3:15 PM	30	180	32	59	274	16	8	10	24	37	7	47	724
	3:30 PM	32	199	38	37	240	13	13	11	26	33	7	43	692
	3:45 PM	33	190	33	60	271	13	13	13	39	28	14	26	733
	4:00 PM	67	157	24	44	279	17	12	18	27	43	17	44	749
	4:15 PM	50	161	15	44	205	38	10	17	35	56	23	62	716
	VOLUMES	281	1,421	264	411	1,818	161	97	102	247	318	110	338	5,568
	APPROACH %	14%	72%	13%	17%	76%	7%	22%	23%	55%	42%	14%	44%	
	APP/DEPART	1,966	/	1,856	2,390	/	2,383	446	/	777	766	/	552	0
	BEGIN PEAK HR		3:15 PM											
	VOLUMES	162	726	127	200	1,064	59	46	52	116	141	45	160	2,898
	APPROACH %	16%	72%	13%	15%	80%	4%	21%	24%	54%	41%	13%	46%	
	PEAK HR FACTOR		0.943			0.948			0.823			0.832		0.967
	APP/DEPART	1,015	/	932	1,323	/	1,321	214	/	379	346	/	266	0

U-TURNS					
	NB	SB	EB	WB	TTL
	X	X	X	X	
AM					0
	1				1
	1				1
	1				1
	4	1			5
	2	2			4
					0
	8	1			9
	17	4	0	0	21
PM	6	1			7
	10	1			11
	7	2			9
	8	3			11
	5	7			12
	6	3			9
	4			1	5
	3			2	5
	49	17	0	3	69



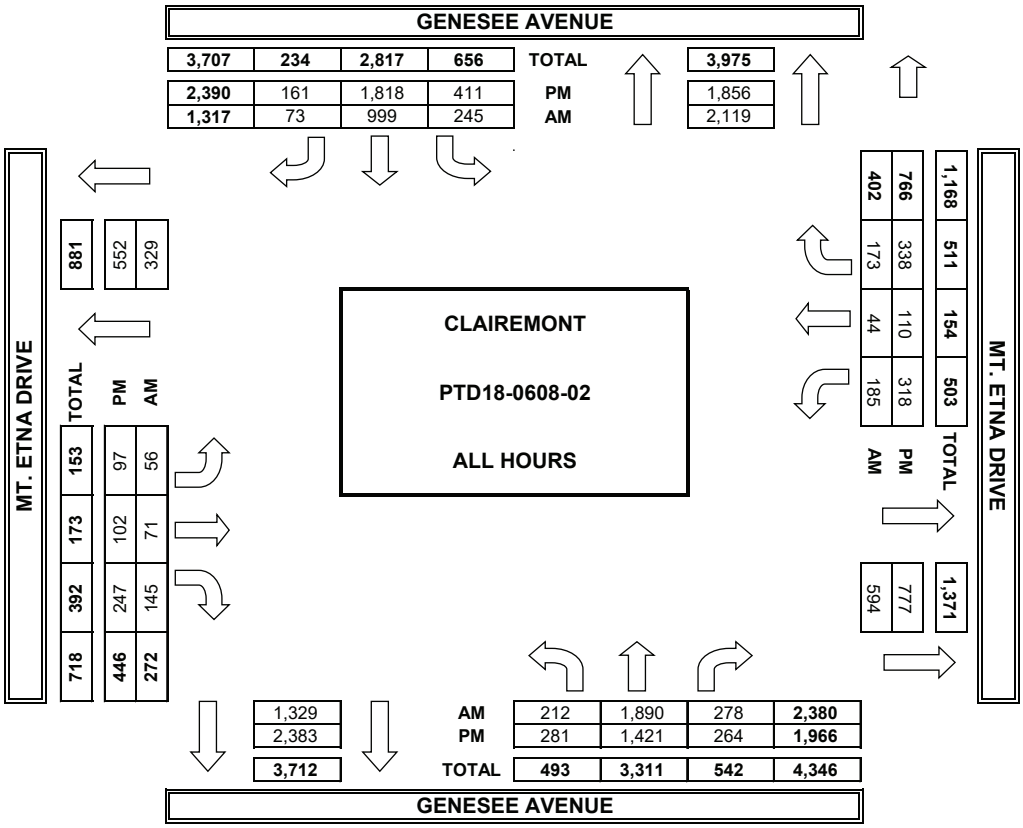
		PEDESTRIAN CROSSINGS				
		N SIDE	S SIDE	E SIDE	W SIDE	TOTAL
AM	7:30 AM			1	2	3
	7:45 AM	1			1	2
	8:00 AM		1		1	2
	8:15 AM	1	2	3		6
	8:30 AM	2	2	1		5
	8:45 AM	1	2	2		5
	9:00 AM		4		1	5
	9:15 AM				1	1
	TOTAL	5	11	7	6	29
PM	2:30 PM	1	3	1	2	7
	2:45 PM		4	1	2	7
	3:00 PM	1	3	3	4	11
	3:15 PM	2	5	1	1	9
	3:30 PM	3	1			4
	3:45 PM	1	2	6	2	11
	4:00 PM		4	1	3	8
	4:15 PM	4	3	2	1	10
	TOTAL	12	25	15	15	67

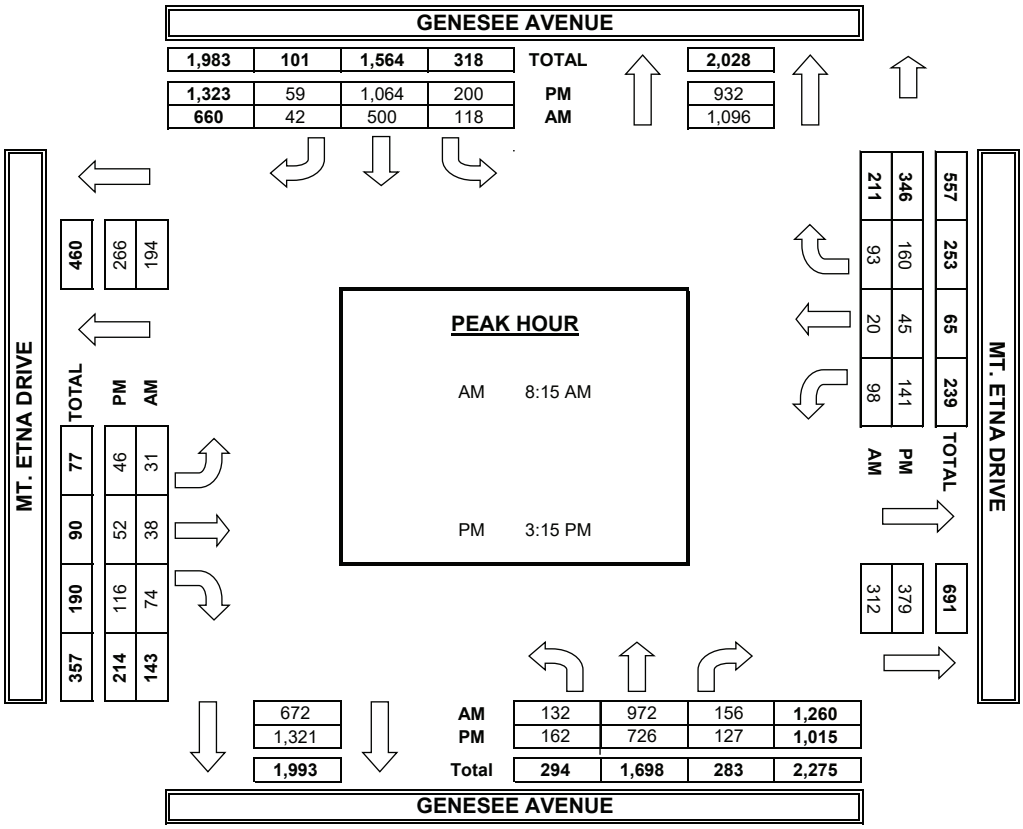
PEDESTRIAN ACTIVATIONS				
N SIDE	S SIDE	E SIDE	W SIDE	TOTAL
				0
				0
				0
				0
				0
				0
				0
				0
0	0	0	0	0
				0
				0
				0
				0
				0
				0
				0
0	0	0	0	0

BICYCLE CROSSINGS				
NS	SS	ES	WS	TOTAL
				0
				0
				0
			1	1
	1			1
				0
				0
				0
0	1	0	1	2
1				1
				0
				0
1				1
1		2		3
				0
				0
				0
3	0	2	0	5

PACIFIC TECHNICAL DATA

TURNING MOVEMENT COUNTS





INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: PACIFIC TECHNICAL DATA

DATE:	LOCATION:	CLAIREMONT	PROJECT #:	PTD18-0608-02
6/7/18	NORTH & SOUTH:	GENESEE AVENUE	LOCATION #:	3
THURSDAY	EAST & WEST:	BALBOA AVENUE	CONTROL:	SIGNAL

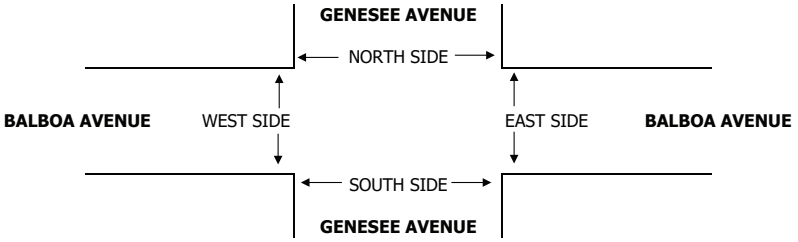
NOTES:

INCLUDES BIKE PED. AM 7:30-9:30 PM 2:30-4:30

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

		NORTHBOUND GENESEE AVENUE			SOUTHBOUND GENESEE AVENUE			EASTBOUND BALBOA AVENUE			WESTBOUND BALBOA AVENUE			
	LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
AM	7:30 AM	55	189	14	41	65	41	57	239	28	11	135	64	939
	7:45 AM	62	218	15	63	83	40	44	214	30	12	155	59	995
	8:00 AM	41	181	7	36	86	30	46	195	32	13	161	77	905
	8:15 AM	76	170	16	40	84	40	50	181	31	14	138	62	902
	8:30 AM	54	241	23	46	62	48	55	193	34	17	190	86	1,049
	8:45 AM	68	193	20	58	74	46	67	249	35	18	149	87	1,064
	9:00 AM	44	149	16	64	73	45	70	158	24	19	149	82	893
	9:15 AM	38	124	19	47	70	58	57	169	34	20	164	63	863
	VOLUMES	438	1,465	130	395	597	348	446	1,598	248	124	1,241	580	7,610
	APPROACH %	22%	72%	6%	29%	45%	26%	19%	70%	11%	6%	64%	30%	
	APP/DEPART	2,033	/	2,491	1,340	/	969	2,292	/	2,123	1,945	/	2,027	0
	BEGIN PEAK HR		8:00 AM											
	VOLUMES	239	785	66	180	306	164	218	818	132	62	638	312	3,920
	APPROACH %	22%	72%	6%	28%	47%	25%	19%	70%	11%	6%	63%	31%	
	PEAK HR FACTOR		0.857			0.913			0.832			0.863		0.921
	APP/DEPART	1,090	/	1,315	650	/	500	1,168	/	1,064	1,012	/	1,041	0
PM	2:30 PM	47	100	24	77	106	49	71	205	39	52	190	57	1,017
	2:45 PM	50	103	24	105	137	56	75	164	47	67	141	57	1,026
	3:00 PM	51	115	22	95	111	52	70	187	52	38	195	74	1,062
	3:15 PM	53	106	27	124	154	52	58	165	33	52	201	64	1,089
	3:30 PM	48	130	15	99	166	48	65	226	44	45	168	69	1,123
	3:45 PM	56	110	25	120	139	45	59	224	51	64	197	95	1,185
	4:00 PM	69	147	25	116	215	51	62	219	48	48	217	52	1,269
	4:15 PM	51	95	17	68	167	28	74	222	56	57	227	78	1,140
	VOLUMES	425	906	179	804	1,195	381	534	1,612	370	423	1,536	546	8,911
	APPROACH %	28%	60%	12%	34%	50%	16%	21%	64%	15%	17%	61%	22%	
	APP/DEPART	1,510	/	1,986	2,380	/	1,988	2,516	/	2,595	2,505	/	2,342	0
	BEGIN PEAK HR		3:30 PM											
	VOLUMES	224	482	82	403	687	172	260	891	199	214	809	294	4,717
	APPROACH %	28%	61%	10%	32%	54%	14%	19%	66%	15%	16%	61%	22%	
	PEAK HR FACTOR		0.817			0.826			0.959			0.910		0.929
	APP/DEPART	788	/	1,036	1,262	/	1,100	1,350	/	1,376	1,317	/	1,205	0

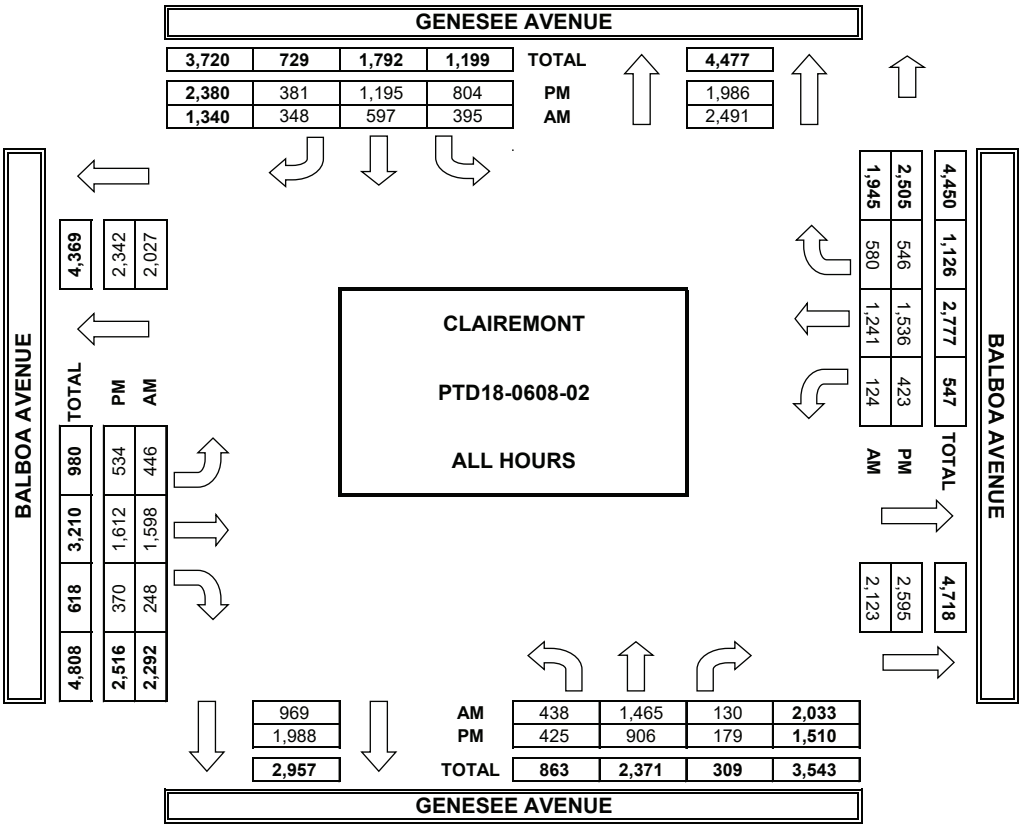
U-TURNS					
NB	SB	EB	WB	TTL
X	X	X	X	
1		1		2
1		1		2
3	2		1	6
2	1			3
3	1	1		5
2	3	2		7
3	2			5
1	5			6
16	14	5	1	36
5	6	1		12
7	8	3	1	19
6	8	3	1	18
6	6			12
2	10			12
6	5	3	1	15
3	5			8
2	6		1	9
37	54	10	4	105

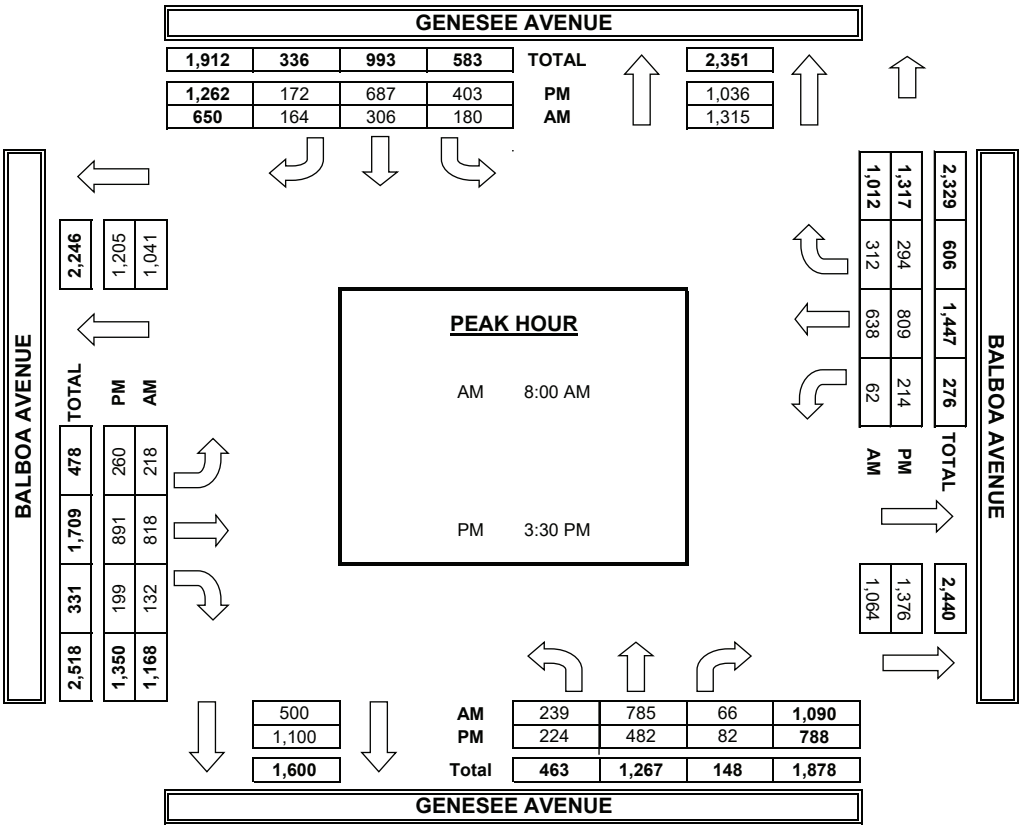


		PEDESTRIAN CROSSINGS					PEDESTRIAN ACTIVATIONS					BICYCLE CROSSINGS				
		N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	NS	SS	ES	WS	TOTAL
AM	7:30 AM	5	1	4		10					0	1			1	2
	7:45 AM	10	2	4	1	17					0		1			1
	8:00 AM	8		1	1	10					0					0
	8:15 AM	8	3	6	2	19					0		1		1	2
	8:30 AM	5	1	4		10					0					0
	8:45 AM	3	1			4					0					0
	9:00 AM	3		1	1	5					0					0
	9:15 AM	4	6	1	2	13					0	1				1
	TOTAL	46	14	21	7	88	0	0	0	0	0	2	2	0	2	6
PM	2:30 PM	5	1	2	2	10					0			1		1
	2:45 PM	5	11	5	6	27					0	1	1			2
	3:00 PM	2		3	1	6					0		1			1
	3:15 PM	7	6	9	1	23					0	1				1
	3:30 PM	2	2	1	3	8					0		2		1	3
	3:45 PM	4	4	6	3	17					0					0
	4:00 PM	8	9	6	10	33					0	2				2
	4:15 PM	5	9	7	5	26					0					0
	TOTAL	38	42	39	31	150	0	0	0	0	0	4	4	1	1	10

PACIFIC TECHNICAL DATA

TURNING MOVEMENT COUNTS





INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: PACIFIC TECHNICAL DATA

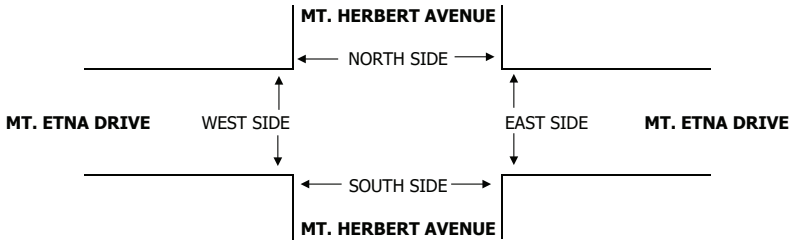
DATE:	LOCATION:	CLAIREMONT	PROJECT #:	PTD18-0608-02
6/7/18	NORTH & SOUTH:	MT. HERBERT AVENUE	LOCATION #:	4
THURSDAY	EAST & WEST:	MT. ETNA DRIVE	CONTROL:	STOP

NOTES:

INCLUDES BIKE PED. AM 7:30-9:30 PM 2:30-4:30

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

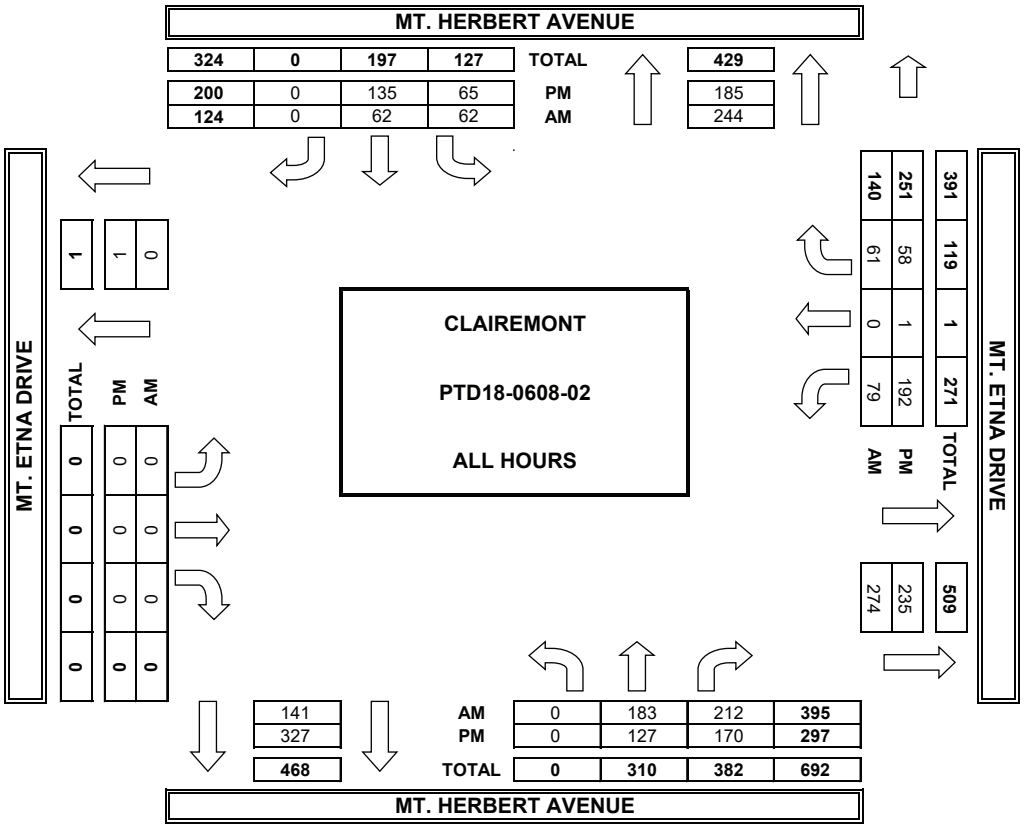
		NORTHBOUND MT. HERBERT AVENUE			SOUTHBOUND MT. HERBERT AVENUE			EASTBOUND MT. ETNA DRIVE			WESTBOUND MT. ETNA DRIVE				U-TURNS				
	LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL	NB X	SB X	EB X	WB X	TTL
AM	7:30 AM		27	29	4	5					9		3	77					0
	7:45 AM		18	24	10	8					6		4	70					0
	8:00 AM		21	36	4	7					4		8	80					0
	8:15 AM		17	19	10	2					12		12	72					0
	8:30 AM		29	30	14	13					18		6	110					0
	8:45 AM		30	48	8	17					17		12	132					0
	9:00 AM		27	16	6	7					6		11	73					0
	9:15 AM		14	10	6	3					7		5	45					0
	VOLUMES	0	183	212	62	62	0	0	0	0	79	0	61	659	0	0	0	0	0
	APPROACH %	0%	46%	54%	50%	50%	0%	0%	0%	0%	56%	0%	44%						
	APP/DEPART	395	/	244	124	/	141	0	/	274	140	/	0	0					
	BEGIN PEAK HR		8:00 AM																
	VOLUMES	0	97	133	36	39	0	0	0	0	51	0	38	394					
	APPROACH %	0%	42%	58%	48%	52%	0%	0%	0%	0%	57%	0%	43%						
	PEAK HR FACTOR		0.737			0.694			0.000			0.767		0.746					
	APP/DEPART	230	/	135	75	/	90	0	/	169	89	/	0	0					
PM	2:30 PM		17	20	4	11					23		6	81					0
	2:45 PM		14	26	6	21					16		5	88					0
	3:00 PM		11	13	5	15					33	1	7	85					0
	3:15 PM		13	14	7	20					18		6	78					0
	3:30 PM		12	17	14	19					28		6	96					0
	3:45 PM		34	41	14	20					24		12	145					0
	4:00 PM		12	27	7	13					26		8	93					0
	4:15 PM		14	12	8	16					24		8	82					0
	VOLUMES	0	127	170	65	135	0	0	0	0	192	1	58	748	0	0	0	0	0
	APPROACH %	0%	43%	57%	33%	68%	0%	0%	0%	0%	76%	0%	23%						
	APP/DEPART	297	/	185	200	/	327	0	/	235	251	/	1	0					
	BEGIN PEAK HR		3:30 PM																
	VOLUMES	0	72	97	43	68	0	0	0	0	102	0	34	416					
	APPROACH %	0%	43%	57%	39%	61%	0%	0%	0%	0%	75%	0%	25%						
	PEAK HR FACTOR		0.563			0.816			0.000			0.944		0.717					
	APP/DEPART	169	/	106	111	/	170	0	/	140	136	/	0	0					

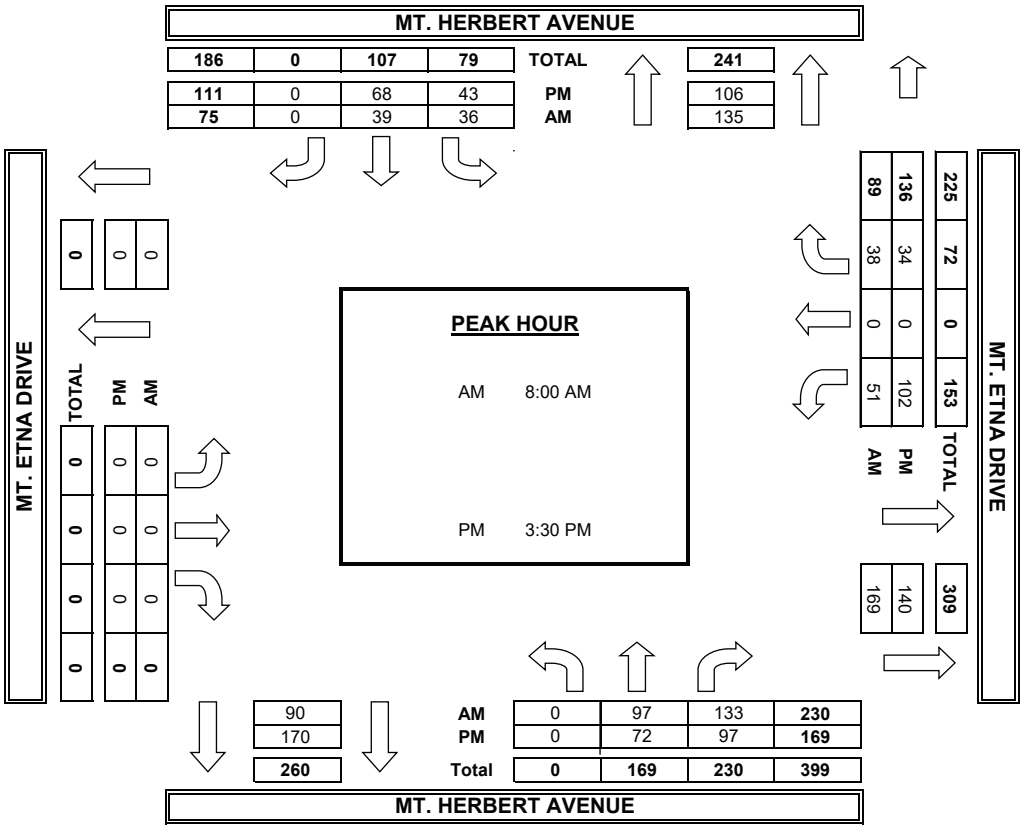


		PEDESTRIAN CROSSINGS					PEDESTRIAN ACTIVATIONS					BICYCLE CROSSINGS				
		N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	NS	SS	ES	WS	TOTAL
AM	7:30 AM			1		1					0					0
	7:45 AM		4			4					0					0
	8:00 AM		1	3		4					0					0
	8:15 AM		2	2		4					0					0
	8:30 AM			1		1					0					0
	8:45 AM					0					0	1				1
	9:00 AM			4		4					0	1				1
	9:15 AM			2		2					0					0
	TOTAL	0	7	13	0	20	0	0	0	0	0	2	0	0	0	2
PM	2:30 PM		1			1					0					0
	2:45 PM					0					0					0
	3:00 PM		2			2					0	2				2
	3:15 PM					0					0					0
	3:30 PM		1			1					0					0
	3:45 PM			5		5					0					0
	4:00 PM			3		3					0					0
	4:15 PM					0					0					0
	TOTAL	0	4	8	0	12	0	0	0	0	0	2	0	0	0	2

PACIFIC TECHNICAL DATA

TURNING MOVEMENT COUNTS





INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: PACIFIC TECHNICAL DATA

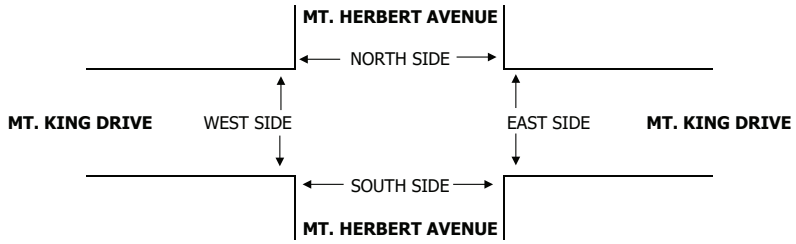
DATE:	LOCATION:	CLAIREMONT	PROJECT #:	PTD18-0608-02
6/7/18	NORTH & SOUTH:	MT. HERBERT AVENUE	LOCATION #:	5
THURSDAY	EAST & WEST:	MT. KING DRIVE	CONTROL:	STOP

NOTES:

INCLUDES BIKE PED. AM 7:30-9:30 PM 2:30-4:30

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

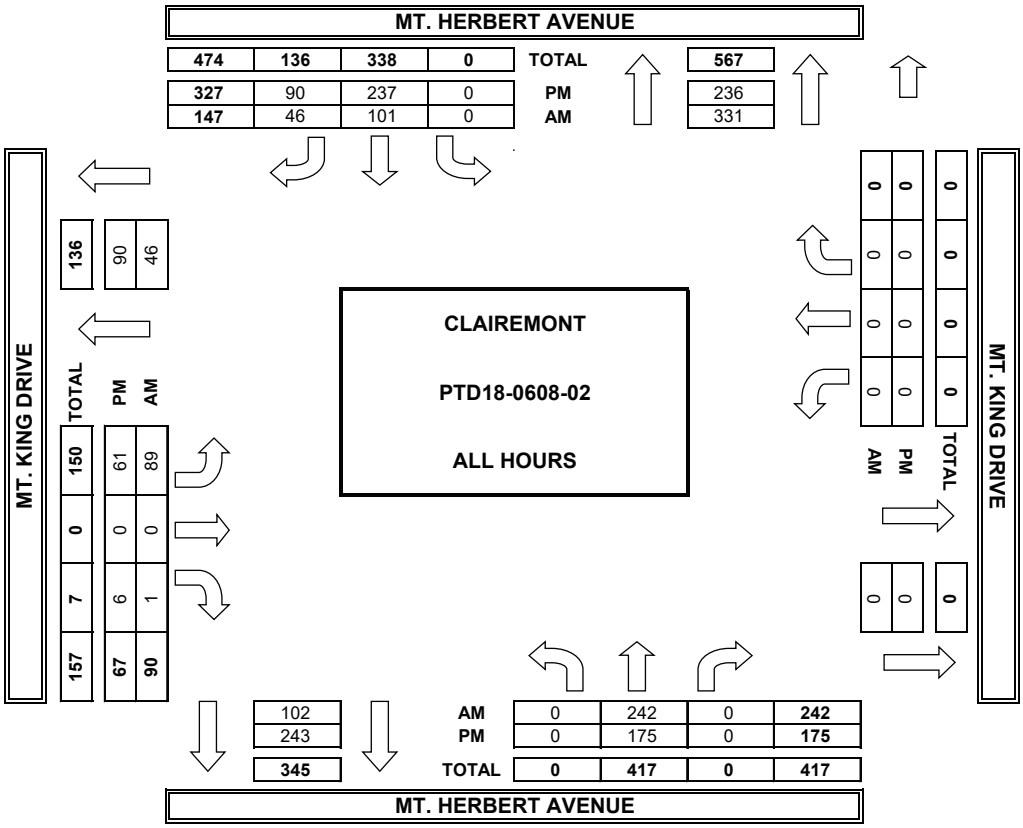
		NORTHBOUND MT. HERBERT AVENUE			SOUTHBOUND MT. HERBERT AVENUE			EASTBOUND MT. KING DRIVE			WESTBOUND MT. KING DRIVE				U-TURNS				
	LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL	NB X	SB X	EB X	WB X	TTL
AM	7:30 AM	0	43			10	4	10		0				67					0
	7:45 AM	0	31			14	3	13		1				62					0
	8:00 AM	0	34			9	2	13		0				58					0
	8:15 AM	0	18			9	8	8		0				43					0
	8:30 AM	0	34			23	9	19		0				85					0
	8:45 AM	0	41			21	14	16		0				92					0
	9:00 AM	0	29			9	4	6		0				48					0
	9:15 AM	0	12			6	2	4		0				24					0
	VOLUMES	0	242	0	0	101	46	89	0	1	0	0	0	479	0	0	0	0	0
	APPROACH %	0%	100%	0%	0%	69%	31%	99%	0%	1%	0%	0%	0%						
	APP/DEPART	242	/	331	147	/	102	90	/	0	0	/	46	0					
	BEGIN PEAK HR		8:00 AM																
	VOLUMES	0	127	0	0	62	33	56	0	0	0	0	0	278					
	APPROACH %	0%	100%	0%	0%	65%	35%	100%	0%	0%	0%	0%	0%						
	PEAK HR FACTOR		0.774			0.679			0.737			0.000		0.755					
	APP/DEPART	127	/	183	95	/	62	56	/	0	0	/	33	0					
PM	2:30 PM	0	29			24	9	7		0				69					0
	2:45 PM	0	26			25	12	11		1				75					0
	3:00 PM	0	20			35	13	4		2				74					0
	3:15 PM	0	19			26	13	8		1				67					0
	3:30 PM	0	17			35	12	7		0				71					0
	3:45 PM	0	35			33	14	11		1				94					0
	4:00 PM	0	17			24	13	5		0				59					0
	4:15 PM	0	12			35	4	8		1				60					0
	VOLUMES	0	175	0	0	237	90	61	0	6	0	0	0	569	0	0	0	0	0
	APPROACH %	0%	100%	0%	0%	72%	28%	91%	0%	9%	0%	0%	0%						
	APP/DEPART	175	/	236	327	/	243	67	/	0	0	/	90	0					
	BEGIN PEAK HR		3:00 PM																
	VOLUMES	0	91	0	0	129	52	30	0	4	0	0	0	306					
	APPROACH %	0%	100%	0%	0%	71%	29%	88%	0%	12%	0%	0%	0%						
	PEAK HR FACTOR		0.650			0.943			0.708			0.000		0.814					
	APP/DEPART	91	/	121	181	/	133	34	/	0	0	/	52	0					

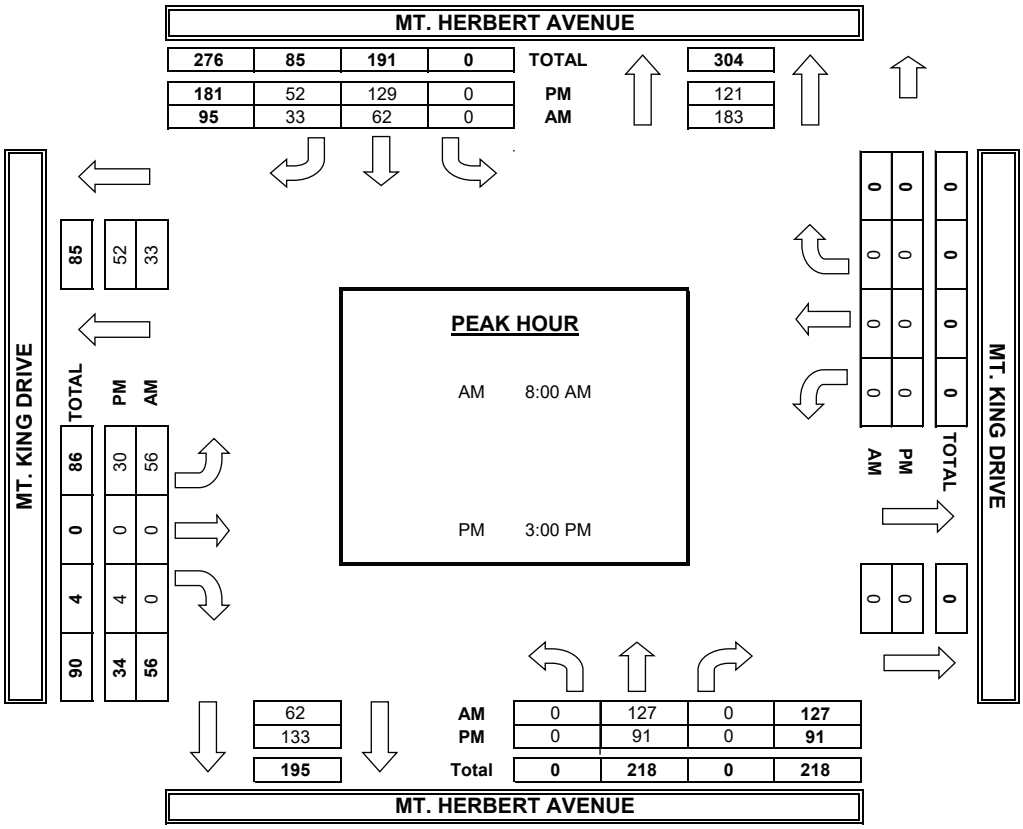


		PEDESTRIAN CROSSINGS					PEDESTRIAN ACTIVATIONS					BICYCLE CROSSINGS				
		N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	NS	SS	ES	WS	TOTAL
AM	7:30 AM					0					0					0
	7:45 AM				1	1					0					0
	8:00 AM					0					0					0
	8:15 AM		3	2		5					0					0
	8:30 AM			1		1					0					0
	8:45 AM		3	9		12					0					0
	9:00 AM		3	2	1	6					0					0
	9:15 AM		1			1					0					0
	TOTAL	0	10	14	2	26	0	0	0	0	0	0	0	0	0	0
PM	2:30 PM			3		3					0					0
	2:45 PM				1	1					0					0
	3:00 PM					0					0					0
	3:15 PM			2		2					0					0
	3:30 PM		1	5		6					0		1			1
	3:45 PM		1	20		21					0					0
	4:00 PM			5		5					0					0
	4:15 PM			2		2					0					0
	TOTAL	0	2	37	1	40	0	0	0	0	0	0	1	0	0	1

PACIFIC TECHNICAL DATA

TURNING MOVEMENT COUNTS





Intersection Turning Movement - Peak Hour Vehicle Count

LINSCOTT LAW & GREENSPAN engineers

Location:	#06 R	File Name:	ITM-18-075-06
Intersection:	Mt. Etna Drive & Mt. Foraker Avenue	Project:	LLG Ref. 3-18-2908
Date of Count:	Thursday, June 07, 2018		John Muir School

AM	Mt. Foraker Avenue Southbound			Mt. Etna Drive Westbound			Mt. Foraker Avenue Northbound			Mt. Etna Drive Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Total
7:30	4	0	2	0	15	6	0	1	2	1	30	3	64
7:45	3	1	1	1	15	2	0	1	3	0	35	0	62
8:00	2	0	1	1	14	1	1	0	0	0	36	0	56
8:15	2	1	1	0	43	3	0	1	1	1	26	1	80
8:30	0	1	4	0	42	1	1	1	0	1	40	3	94
8:45	1	2	3	0	32	4	5	1	0	15	42	2	107
9:00	2	1	0	0	8	4	0	3	0	1	21	2	42
9:15	1	1	1	0	12	1	3	1	0	0	15	0	35
Total	15	7	13	2	181	22	10	9	6	19	245	11	540
Approach%	42.9	20.0	37.1	1.0	88.3	10.7	40.0	36.0	24.0	6.9	89.1	4.0	
Total%	2.8	1.3	2.4	0.4	33.5	4.1	1.9	1.7	1.1	3.5	45.4	2.0	

AM Intersection Peak Hour: **08:00 to 09:00**

Volume	5	4	9	1	131	9	7	3	1	17	144	6	337
Approach%	27.8	22.2	50.0	0.7	92.9	6.4	63.6	27.3	9.1	10.2	86.2	3.6	
Total%	1.5	1.2	2.7	0.3	38.9	2.7	2.1	0.9	0.3	5.0	42.7	1.8	
PHF			0.75			0.77			0.46			0.71	0.85

PM	Mt. Foraker Avenue Southbound			Mt. Etna Drive Westbound			Mt. Foraker Avenue Northbound			Mt. Etna Drive Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Total
14:30	0	24	5	3	4	1	0	0	0	3	0	1	41
14:45	1	6	1	0	22	2	0	0	0	0	25	0	57
15:00	5	2	1	0	46	2	1	1	1	2	16	2	79
15:15	2	4	3	0	32	4	0	0	0	2	16	1	64
15:30	2	2	3	0	44	3	2	3	1	1	23	1	85
15:45	1	5	3	1	43	6	7	2	0	1	52	2	123
16:00	1	2	2	0	41	3	0	4	1	0	25	1	80
16:15	3	1	0	2	33	4	1	1	1	2	19	0	67
Total	15	46	18	6	265	25	11	11	4	11	176	8	596
Approach%	19.0	58.2	22.8	2.0	89.5	8.4	42.3	42.3	15.4	5.6	90.3	4.1	
Total%	2.8	8.5	3.3	1.1	49.1	4.6	2.0	2.0	0.7	2.0	32.6	1.5	

PM Intersection Peak Hour: **15:30 to 16:30**

Volume	7	10	8	3	161	16	10	10	3	4	119	4	355
Approach%	28.0	40.0	32.0	1.7	89.4	8.9	43.5	43.5	13.0	3.1	93.7	3.1	
Total%	2.1	3.0	2.4	0.9	47.8	4.7	3.0	3.0	0.9	1.2	35.3	1.2	
PHF			0.69			0.90			0.64			0.58	0.64

Intersection Turning Movement - Bicycle & Pedestrian Count

LINSCOTT LAW & GREENSPAN engineers

Location:	#06 R	File Name:	ITM-18-075-06
Intersection:	Mt. Etna Drive & Mt. Foraker Avenue	Project:	LLG Ref. 3-18-2908
Date of Count:	Thursday, June 07, 2018		John Muir School

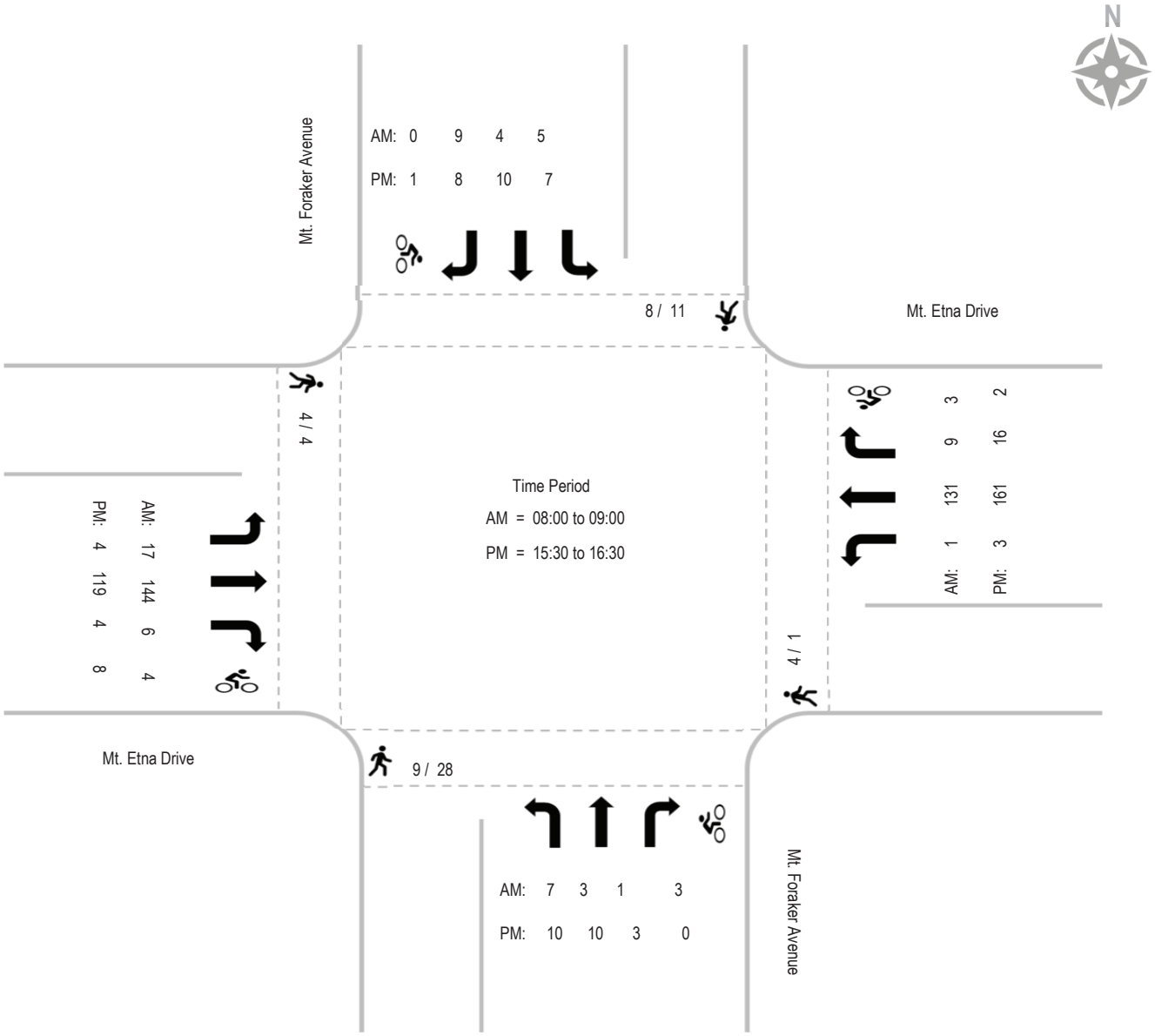
AM	Mt. Foraker Avenue Southbound				Mt. Etna Drive Westbound				Mt. Foraker Avenue Northbound				Mt. Etna Drive Eastbound				Totals	
	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	Bicycle
7:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
7:15	3	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5	0
7:30	2	0	0	0	1	0	0	0	2	2	0	0	2	0	0	0	7	2
7:45	0	0	0	0	1	0	0	0	2	0	0	0	2	0	0	0	5	0
8:00	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	3
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
8:30	3	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	5	1
8:45	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	0
Ped Total	8				4				9				4				25	
Bike Total		0	0	0		0	1	2		2	0	1		0	2	2		10

PM	Mt. Foraker Avenue Southbound				Mt. Etna Drive Westbound				Mt. Foraker Avenue Northbound				Mt. Etna Drive Eastbound				Totals	
	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	Bicycle
16:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3
16:15	2	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2	2
16:30	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	3	0
16:45	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0
17:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
17:15	0	0	0	0	0	0	0	0	15	0	0	0	1	0	0	0	16	0
17:30	0	0	0	0	0	0	1	0	0	0	0	0	2	0	2	0	2	3
17:45	6	0	0	0	1	0	0	0	9	0	0	0	1	0	3	0	17	3
Ped Total	11				1				28				4				44	
Bike Total		0	1	0		0	2	0		0	0	0		2	6	0		11

Report Generated by Bearcat Enterprises LLC, DBA "Count Data" | 619-987-5136 | info@yourcountdata.com

Intersection Turning Movement - Peak Hour Summary

LINSCOTT LAW & GREENSPAN engineers	Location:	#06 R	File Name: ITM-18-075-06
	Intersection:	Mt. Etna Drive & Mt. Foraker Avenue	Project: LLG Ref. 3-18-2908
	Date of Count:	Thursday, June 07, 2018	John Muir School



National Data & Surveying Services

Intersection Turning Movement Count

Location: Mt Davis Ave & Mt Etna Dr
City: San Diego
Control: 1-Way Stop(NB)

Project ID: 18-04397-001
Date: 10/23/2018

Total

NS/EW Streets:	Mt Davis Ave				Mt Davis Ave				Mt Etna Dr				Mt Etna Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:30 AM	7	0	3	0	0	0	0	0	0	36	18	0	0	9	0	0	73
7:45 AM	6	0	5	0	0	0	0	0	0	31	24	0	0	14	0	0	80
8:00 AM	4	0	6	0	0	0	0	0	0	31	8	0	3	11	0	0	63
8:15 AM	6	0	5	0	0	0	0	0	0	28	8	0	1	13	0	0	61
8:30 AM	7	0	1	0	0	0	0	0	0	20	12	0	4	19	0	0	63
8:45 AM	7	0	4	0	0	0	0	0	0	19	11	0	5	12	0	0	58
9:00 AM	6	0	6	0	0	0	0	0	0	23	12	0	7	17	0	0	71
9:15 AM	8	0	3	0	0	0	0	0	0	12	4	0	2	13	0	0	42
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	51	0	33	0	0	0	0	0	0	200	97	0	22	108	0	0	511
APPROACH %'s :	60.71%	0.00%	39.29%	0.00%					0.00%	67.34%	32.66%	0.00%	16.92%	83.08%	0.00%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	23	0	19	0	0	0	0	0	0	126	58	0	4	47	0	0	277
PEAK HR FACTOR :	0.821	0.000	0.792	0.000	0.000	0.000	0.000	0.000	0.000	0.875	0.604	0.000	0.333	0.839	0.000	0.000	0.866
	0.955								0.836				0.911				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
2:30 PM	9	0	7	0	0	0	0	0	0	39	10	0	1	16	0	0	82
2:45 PM	10	0	8	0	0	0	0	0	0	22	10	0	3	11	0	0	64
3:00 PM	8	0	4	0	0	0	0	0	0	13	7	0	5	24	0	0	61
3:15 PM	6	0	8	0	0	0	0	0	0	18	12	0	4	30	0	0	78
3:30 PM	13	0	2	0	0	0	0	0	0	18	8	0	4	20	0	0	65
3:45 PM	14	0	7	0	0	0	0	0	0	12	8	0	7	25	0	0	73
4:00 PM	15	0	1	0	0	0	0	0	0	25	4	0	3	26	0	0	74
4:15 PM	10	0	4	0	0	0	0	0	0	23	8	0	7	41	0	0	93
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	85	0	41	0	0	0	0	0	0	170	67	0	34	193	0	0	590
APPROACH %'s :	67.46%	0.00%	32.54%	0.00%					0.00%	71.73%	28.27%	0.00%	14.98%	85.02%	0.00%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	52	0	14	0	0	0	0	0	0	78	28	0	21	112	0	0	305
PEAK HR FACTOR :	0.867	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.780	0.875	0.000	0.750	0.683	0.000	0.000	0.820
	0.786								0.855				0.693				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Mt Davis Ave & Mt Etna Dr
City: San Diego
Control: 1-Way Stop(NB)

Project ID: 18-04397-001
Date: 10/23/2018

Bikes

NS/EW Streets:	Mt Davis Ave				Mt Davis Ave				Mt Etna Dr				Mt Etna Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	1 NT	0 NR	0 NU	0 SL	0 ST	0 SR	0 SU	0 EL	1 ET	0 ER	0 EU	0 WL	1 WT	0 WR	0 WU	TOTAL
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8:00 AM	0	0	2	0	0	0	0	0	0	6	0	0	0	0	0	0	8
8:15 AM	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
8:45 AM	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	4
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	4	0	0	0	0	0	0	9	0	0	3	4	0	0	20
APPROACH %'s :	0.00%	0.00%	100.00%	0.00%					0.00%	100.00%	0.00%	0.00%	42.86%	57.14%	0.00%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	0	0	3	0	0	0	0	0	0	8	0	0	0	0	0	0	11
PEAK HR FACTOR :	0.000	0.000	0.375	0.000	0.000	0.000	0.000	0.000	0.000	0.333	0.000	0.000	0.000	0.000	0.000	0.000	0.344
			0.375							0.333							

NS/EW Streets:	Mt Davis Ave				Mt Davis Ave				Mt Etna Dr				Mt Etna Dr				
PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	1 NT	0 NR	0 NU	0 SL	0 ST	0 SR	0 SU	0 EL	1 ET	0 ER	0 EU	0 WL	1 WT	0 WR	0 WU	TOTAL
2:30 PM	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	4
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 PM	0	0	0	0	0	0	0	0	0	1	0	0	1	3	0	0	5
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	4
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
3:45 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	2	0	0	0	0	0	0	3	0	0	5	6	0	0	16
APPROACH %'s :	0.00%	0.00%	100.00%	0.00%					0.00%	100.00%	0.00%	0.00%	45.45%	54.55%	0.00%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	3
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.500	0.000	0.000	0.750
										0.250				0.500			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Mt Davis Ave & Mt Etna Dr **Project ID:** 18-043974-001
City: San Diego **Date:** 10/23/2018

Pedestrians (Crosswalks)

NS/EW Streets:	Mt Davis Ave		Mt Davis Ave		Mt Etna Dr		Mt Etna Dr		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
7:30 AM	0	0	0	1	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	1	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	2	0	0	0	2
9:00 AM	0	0	2	0	0	0	0	0	2
9:15 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	3	1	2	0	0	0	6
APPROACH %'s :			75.00%	25.00%	100.00%	0.00%			
PEAK HR :	07:30 AM - 08:30 AM								TOTAL
PEAK HR VOL :	0	0	1	1	0	0	0	0	2
PEAK HR FACTOR :			0.250	0.250					0.500
			0.500						

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
2:30 PM	0	0	0	2	0	0	0	0	2
2:45 PM	0	0	0	0	0	0	0	0	0
3:00 PM	0	0	2	0	0	0	0	0	2
3:15 PM	0	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	1	0	1	1	0	3
3:45 PM	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	1	0	0	0	0	0	1
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	3	3	0	1	1	0	8
APPROACH %'s :			50.00%	50.00%	0.00%	100.00%	100.00%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM								TOTAL
PEAK HR VOL :	0	0	1	1	0	1	1	0	4
PEAK HR FACTOR :			0.250	0.250		0.250	0.250		0.333
			0.500		0.250		0.250		

Prepared by National Data & Surveying Services

Mt Davis Ave & Mt Etna Dr

Peak Hour Turning Movement Count

ID: 18-04397-001
City: San Diego

Day: Tuesday
Date: 10/23/2018

PEAK HOURS

AM: 07:30 AM - 08:30 AM
NOON: NONE
PM: 03:30 PM - 04:30 PM

COUNT PERIODS

AM: 07:30 AM - 09:30 AM
NOON: NONE
PM: 02:30 PM - 04:30 PM

Mt Davis Ave — SOUTHBOUND

AM	0	0	0	0	0	AM
NOON	0	0	0	0	0	NOON
PM	0	0	0	0	0	PM

EASTBOUND — Mt Etna Dr

AM	NOON	PM	
70	0	164	⇦
0	0	0	↶ 0
0	0	0	↱ 0
126	0	78	→ 1
58	0	28	↷ 0
AM	NOON	PM	

WESTBOUND — Mt Etna Dr

PM	NOON	AM	
0	0	0	0 ↷
112	0	47	1 ←
21	0	4	0 ↰
0	0	0	0 ↶
92	0	145	⇨
PM	NOON	AM	

CONTROL

1-Way Stop(NB)

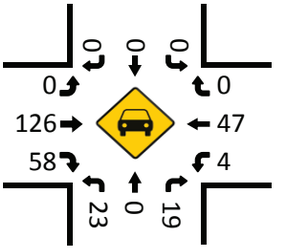
TEV	277	0	305
	AM	NOON	PM
PHF	0.87		0.82

0 0 0 0 (SB turning movements)
0 0 1 0 (NB turning movements)

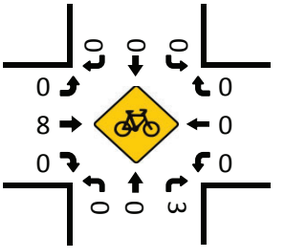
NORTHBOUND — Mt Davis Ave

PM	49	0	52	0	14	PM
NOON	0	0	0	0	0	NOON
AM	62	0	23	0	19	AM

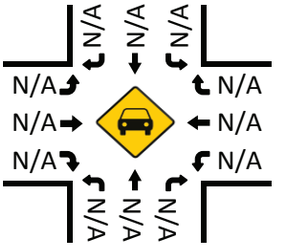
Total Vehicles (AM)



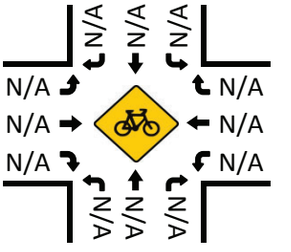
Bikes (AM)



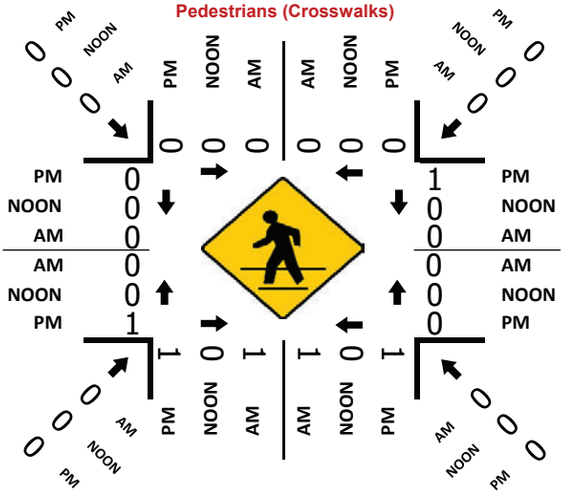
Total Vehicles (Noon)



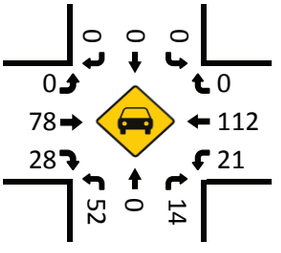
Bikes (NOON)



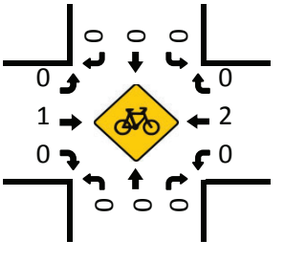
Pedestrians (Crosswalks)



Total Vehicles (PM)



Bikes (PM)



Intersection Turning Movement - Peak Hour Vehicle Count

LINSCOTT LAW & GREENSPAN engineers

Location:	#07	File Name:	ITM-18-075-07
Intersection:	Mt. Etna Drive & Mt. Everest Boulevard	Project:	LLG Ref. 3-18-2908
Date of Count:	Thursday, June 07, 2018		John Muir School

AM	Mt. Everest Boulevard Southbound			Mt. Etna Drive Westbound			Mt. Everest Boulevard Northbound			Mt. Etna Drive Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Total
7:30	1	12	0	5	5	0	7	7	8	0	21	9	75
7:45	3	13	1	8	6	0	12	9	10	0	20	10	92
8:00	3	10	0	15	4	1	14	10	10	0	17	16	100
8:15	0	18	1	14	11	1	29	8	7	0	6	28	123
8:30	1	9	1	11	19	3	20	15	13	0	18	10	120
8:45	1	6	1	13	14	3	19	8	14	1	27	18	125
9:00	5	6	0	12	6	3	10	11	17	0	16	10	96
9:15	0	5	0	16	5	0	4	3	17	0	11	5	66
Total	14	79	4	94	70	11	115	71	96	1	136	106	797
Approach%	14.4	81.4	4.1	53.7	40.0	6.3	40.8	25.2	34.0	0.4	56.0	43.6	
Total%	1.8	9.9	0.5	11.8	8.8	1.4	14.4	8.9	12.0	0.1	17.1	13.3	

AM Intersection Peak Hour: **08:00 to 09:00**

Volume	5	43	3	53	48	8	82	41	44	1	68	72	468
Approach%	9.8	84.3	5.9	48.6	44.0	7.3	49.1	24.6	26.3	0.7	48.2	51.1	
Total%	1.1	9.2	0.6	11.3	10.3	1.7	17.5	8.8	9.4	0.2	14.5	15.4	
PHF			0.67			0.83			0.87			0.77	0.94

PM	Mt. Everest Boulevard Southbound			Mt. Etna Drive Westbound			Mt. Everest Boulevard Northbound			Mt. Etna Drive Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Total
14:30	4	11	0	24	13	6	15	11	13	2	18	12	129
14:45	3	9	0	19	11	1	9	7	16	1	13	14	103
15:00	2	5	0	26	22	3	28	13	12	0	15	9	135
15:15	1	4	0	22	15	3	16	13	14	0	11	5	104
15:30	3	8	0	19	18	1	18	12	13	0	15	7	114
15:45	4	9	0	30	17	5	12	7	22	3	25	24	158
16:00	6	6	0	34	14	1	13	15	13	1	20	14	137
16:15	3	11	0	15	18	2	16	7	10	0	10	6	98
Total	26	63	0	189	128	22	127	85	113	7	127	91	978
Approach%	29.2	70.8	-	55.8	37.8	6.5	39.1	26.2	34.8	3.1	56.4	40.4	
Total%	3.3	7.9	-	23.7	16.1	2.8	15.9	10.7	14.2	0.9	15.9	11.4	

PM Intersection Peak Hour: **15:15 to 16:15**

Volume	14	27	-	105	64	10	59	47	62	4	71	50	513
Approach%	34.1	65.9	-	58.7	35.8	5.6	35.1	28.0	36.9	3.2	56.8	40.0	
Total%	3.0	5.8	-	22.4	13.7	2.1	12.6	10.0	13.2	0.9	15.2	10.7	
PHF			0.79			0.86			0.98			0.60	0.81

Intersection Turning Movement - Bicycle & Pedestrian Count

LINSCOTT LAW & GREENSPAN engineers

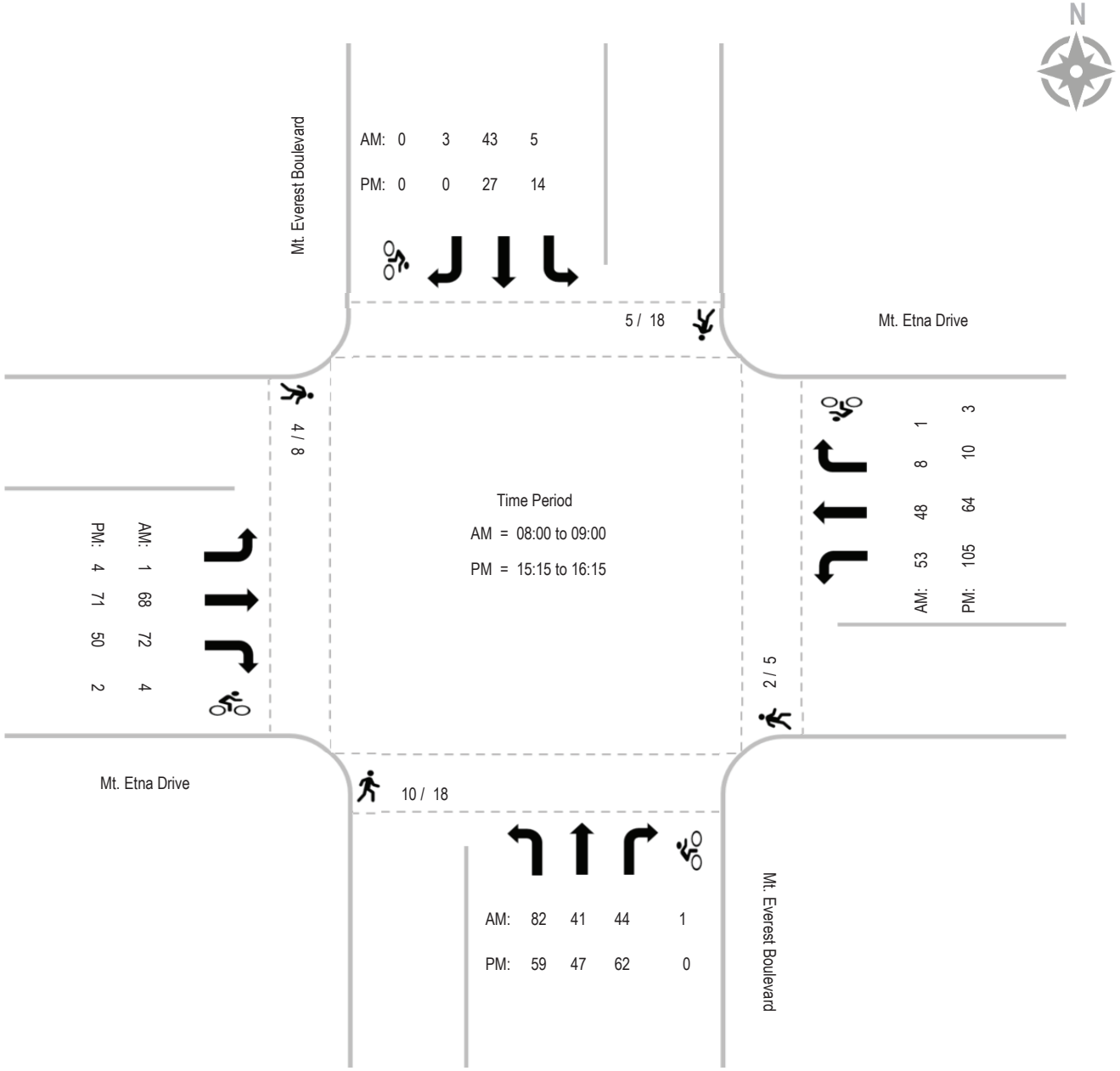
Location:	#07	File Name:	ITM-18-075-07
Intersection:	Mt. Etna Drive & Mt. Everest Boulevard	Project:	LLG Ref. 3-18-2908
Date of Count:	Thursday, June 07, 2018		John Muir School

AM	Mt. Everest Boulevard Southbound				Mt. Etna Drive Westbound				Mt. Everest Boulevard Northbound				Mt. Etna Drive Eastbound				Totals	
	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	Bicycle
7:00	1	0	0	0	0	0	0	0	2	1	0	0	1	0	0	0	4	1
7:15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
7:30	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	3	1
7:45	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	1	4	1
8:00	1	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	3	1
8:15	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	1	4	1
8:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Total	5				2				10				4				21	
Bike Total		0	0	0		0	1	0		1	0	0		0	0	4		6

PM	Mt. Everest Boulevard Southbound				Mt. Etna Drive Westbound				Mt. Everest Boulevard Northbound				Mt. Etna Drive Eastbound				Totals	
	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	Bicycle
16:00	0	0	0	0	0	0	2	0	2	0	0	0	1	0	0	2	3	4
16:15	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	2	1
16:30	2	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	6	0
16:45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
17:00	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	3	0
17:15	5	0	0	0	1	0	0	0	8	0	0	0	1	0	0	0	15	0
17:30	0	0	0	0	0	0	0	0	2	0	0	0	6	0	0	0	8	0
17:45	10	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	11	0
Ped Total	18				5				18				8				49	
Bike Total		0	0	0		0	3	0		0	0	0		0	0	2		5

Intersection Turning Movement - Peak Hour Summary

LINSCOTT LAW & GREENSPAN engineers	Location:	#07	File Name:	ITM-18-075-07
	Intersection:	Mt. Etna Drive & Mt. Everest Boulevard	Project:	LLG Ref. 3-18-2908
	Date of Count:	Thursday, June 07, 2018		John Muir School



Intersection Turning Movement - Peak Hour Vehicle Count

LINSCOTT LAW & GREENSPAN engineers

Location:	#08 R	File Name:	ITM-18-075-08 R
Intersection:	Mt. Culebra Avenue & Mt. Durban Drive	Project:	LLG Ref. 3-18-2908
Date of Count:	Thursday, June 07, 2018		John Muir School

AM	Mt. Culebra Avenue Southbound			Mt. Durban Drive Westbound			Mt. Culebra Avenue Northbound			Mt. Durban Drive Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Total
7:30	0	26	0	3	0	0	0	5	1	0	2	0	37
7:45	1	21	0	1	0	0	1	8	4	1	4	0	41
8:00	1	8	0	1	0	0	2	5	4	0	4	4	29
8:15	2	13	0	2	0	0	0	6	4	1	0	2	30
8:30	1	16	0	2	0	0	2	16	1	0	1	1	40
8:45	1	16	0	0	0	0	0	15	5	0	0	0	37
9:00	0	13	0	0	0	0	0	8	2	1	0	0	24
9:15	0	10	0	1	0	0	0	7	0	1	2	5	26
Total	6	123	0	10	0	0	5	70	21	4	13	12	264
Approach%	4.7	95.3	-	100.0	-	-	5.2	72.9	21.9	13.8	44.8	41.4	
Total%	2.3	46.6	-	3.8	-	-	1.9	26.5	8.0	1.5	4.9	4.5	

AM Intersection Peak Hour: **07:45 to 08:45**

Volume	5	58	-	6	-	-	5	35	13	2	9	7	140
Approach%	7.9	92.1	-	100.0	-	-	9.4	66.0	24.5	11.1	50.0	38.9	
Total%	3.6	41.4	-	4.3	-	-	3.6	25.0	9.3	1.4	6.4	5.0	
PHF			0.72			0.75			0.70			0.56	0.85

PM	Mt. Culebra Avenue Southbound			Mt. Durban Drive Westbound			Mt. Culebra Avenue Northbound			Mt. Durban Drive Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Total
14:30	1	6	0	1	0	0	0	14	6	0	1	0	29
14:45	0	17	2	1	0	0	1	17	4	0	0	0	42
15:00	2	6	0	1	0	0	3	12	3	0	1	3	31
15:15	0	11	0	0	0	1	1	8	3	0	1	1	26
15:30	1	7	0	0	0	0	2	17	1	0	0	0	28
15:45	1	12	1	3	4	1	0	37	2	0	1	0	62
16:00	0	9	1	0	1	0	1	27	0	0	0	1	40
16:15	1	12	1	1	0	0	3	2	6	1	1	0	28
Total	6	80	5	7	5	2	11	134	25	1	5	5	286
Approach%	6.6	87.9	5.5	50.0	35.7	14.3	6.5	78.8	14.7	9.1	45.5	45.5	
Total%	2.3	30.3	1.9	2.7	1.9	0.8	4.2	50.8	9.5	0.4	1.9	1.9	

PM Intersection Peak Hour: **15:30 to 16:30**

Volume	3	40	3	4	5	1	6	83	9	1	2	1	158
Approach%	6.5	87.0	6.5	40.0	50.0	10.0	6.1	84.7	9.2	25.0	50.0	25.0	
Total%	2.1	28.6	2.1	2.9	3.6	0.7	4.3	59.3	6.4	0.7	1.4	0.7	
PHF			0.82			0.31			0.63			0.50	0.64

Intersection Turning Movement - Bicycle & Pedestrian Count

LINSCOTT LAW & GREENSPAN engineers

Location:	#08 R	File Name:	ITM-18-075-08 R
Intersection:	Mt. Culebra Avenue & Mt. Durban Drive	Project:	LLG Ref. 3-18-2908
Date of Count:	Thursday, June 07, 2018		John Muir School

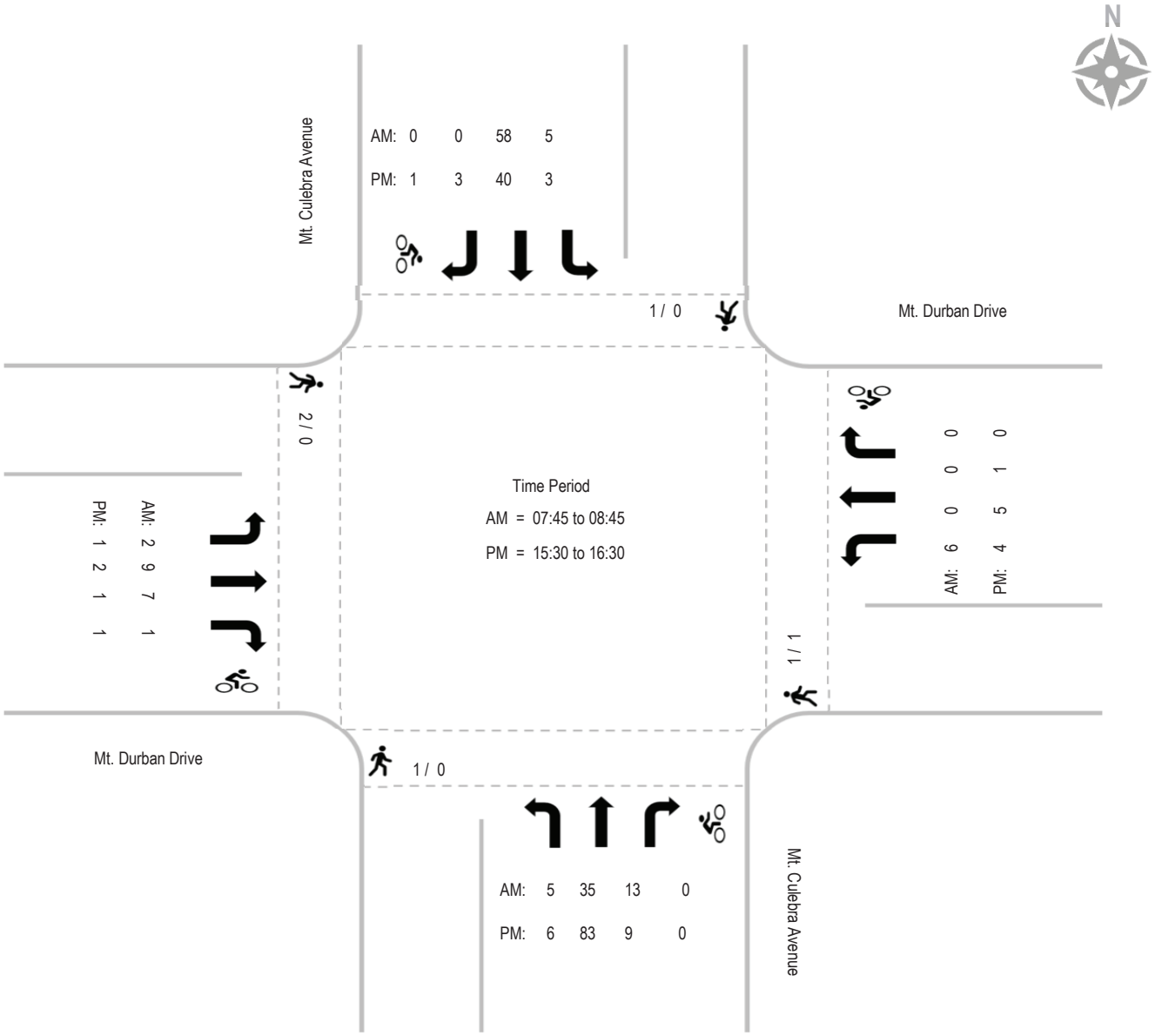
AM	Mt. Culebra Avenue Southbound				Mt. Durban Drive Westbound				Mt. Culebra Avenue Northbound				Mt. Durban Drive Eastbound				Totals	
	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	Bicycle
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
8:15	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	2	1
8:30	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Total	1				1				1				2				5	
Bike Total		0	0	0		0	0	0		0	0	0		0	1	0		1

PM	Mt. Culebra Avenue Southbound				Mt. Durban Drive Westbound				Mt. Culebra Avenue Northbound				Mt. Durban Drive Eastbound				Totals	
	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	Bicycle
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
17:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Total	0				1				0				0				1	
Bike Total		1	0	0		0	0	0		0	0	0		1	0	0		2

Report Generated by Bearcat Enterprises LLC, DBA "Count Data" | 619-987-5136 | info@yourcountdata.com

Intersection Turning Movement - Peak Hour Summary

LINSCOTT LAW & GREENSPAN engineers	Location:	#08 R	File Name: ITM-18-075-08 R
	Intersection:	Mt. Culebra Avenue & Mt. Durban Drive	Project: LLG Ref. 3-18-2908
	Date of Count:	Thursday, June 07, 2018	John Muir School



Intersection Turning Movement - Peak Hour Vehicle Count

LINSCOTT LAW & GREENSPAN engineers

Location:	#09	File Name:	ITM-18-075-09
Intersection:	Mt. Culebra Avenue & Balboa Avenue	Project:	LLG Ref. 3-18-2908
Date of Count:	Thursday, June 07, 2018		John Muir School

AM	Mt. Culebra Avenue Southbound			Balboa Avenue Westbound			Mt. Culebra Avenue Northbound			Balboa Avenue Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Total
7:30	0	0	24	2	257	4	0	1	4	11	277	6	586
7:45	0	0	32	2	291	2	0	0	7	8	310	8	660
8:00	0	0	19	2	247	3	0	0	6	11	266	8	562
8:15	0	0	26	8	264	1	0	1	8	11	247	11	577
8:30	0	0	29	3	330	7	0	0	7	20	294	4	694
8:45	0	0	19	2	316	3	0	0	4	22	313	6	685
9:00	0	0	20	9	240	2	0	0	6	10	261	4	552
9:15	0	0	17	4	280	0	0	0	8	14	237	4	564
Total	0	0	186	32	2225	22	0	2	50	107	2205	51	4880
Approach%	-	-	100.0	1.4	97.6	1.0	-	3.8	96.2	4.5	93.3	2.2	
Total%	-	-	3.8	0.7	45.6	0.5	-	0.0	1.0	2.2	45.2	1.0	

AM Intersection Peak Hour: **08:00 to 09:00**

Volume	-	-	93	15	1,157	14	-	1	25	64	1,120	29	2,518
Approach%	-	-	100.0	1.3	97.6	1.2	-	3.8	96.2	5.3	92.3	2.4	
Total%	-	-	3.7	0.6	45.9	0.6	-	0.0	1.0	2.5	44.5	1.2	
PHF			0.80			0.87			0.72			0.89	0.91

PM	Mt. Culebra Avenue Southbound			Balboa Avenue Westbound			Mt. Culebra Avenue Northbound			Balboa Avenue Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Total
14:30	0	0	17	7	276	9	0	0	8	26	248	23	614
14:45	0	0	16	7	277	6	0	0	4	24	335	20	689
15:00	0	0	16	8	292	3	0	0	1	11	291	7	629
15:15	0	0	19	7	312	5	0	0	2	18	293	18	674
15:30	0	0	10	5	270	4	0	0	2	19	311	15	636
15:45	2	0	14	3	260	5	0	0	8	42	358	20	712
16:00	0	0	14	9	332	5	0	0	3	35	371	14	783
16:15	0	0	11	11	307	5	0	0	2	32	336	11	715
Total	2	0	117	57	2326	42	0	0	30	207	2543	128	5452
Approach%	1.7	-	98.3	2.4	95.9	1.7	-	-	100.0	7.2	88.4	4.4	
Total%	0.0	-	2.4	1.2	47.7	0.9	-	-	0.6	4.2	52.1	2.6	

PM Intersection Peak Hour: **15:30 to 16:30**

Volume	2	-	49	28	1,169	19	-	-	15	128	1,376	60	2,846
Approach%	3.9	-	96.1	2.3	96.1	1.6	-	-	100.0	8.2	88.0	3.8	
Total%	0.1	-	1.9	1.1	46.4	0.8	-	-	0.6	5.1	54.6	2.4	
PHF			0.80			0.88			0.47			0.93	0.91

Intersection Turning Movement - Bicycle & Pedestrian Count

LINSCOTT LAW & GREENSPAN engineers

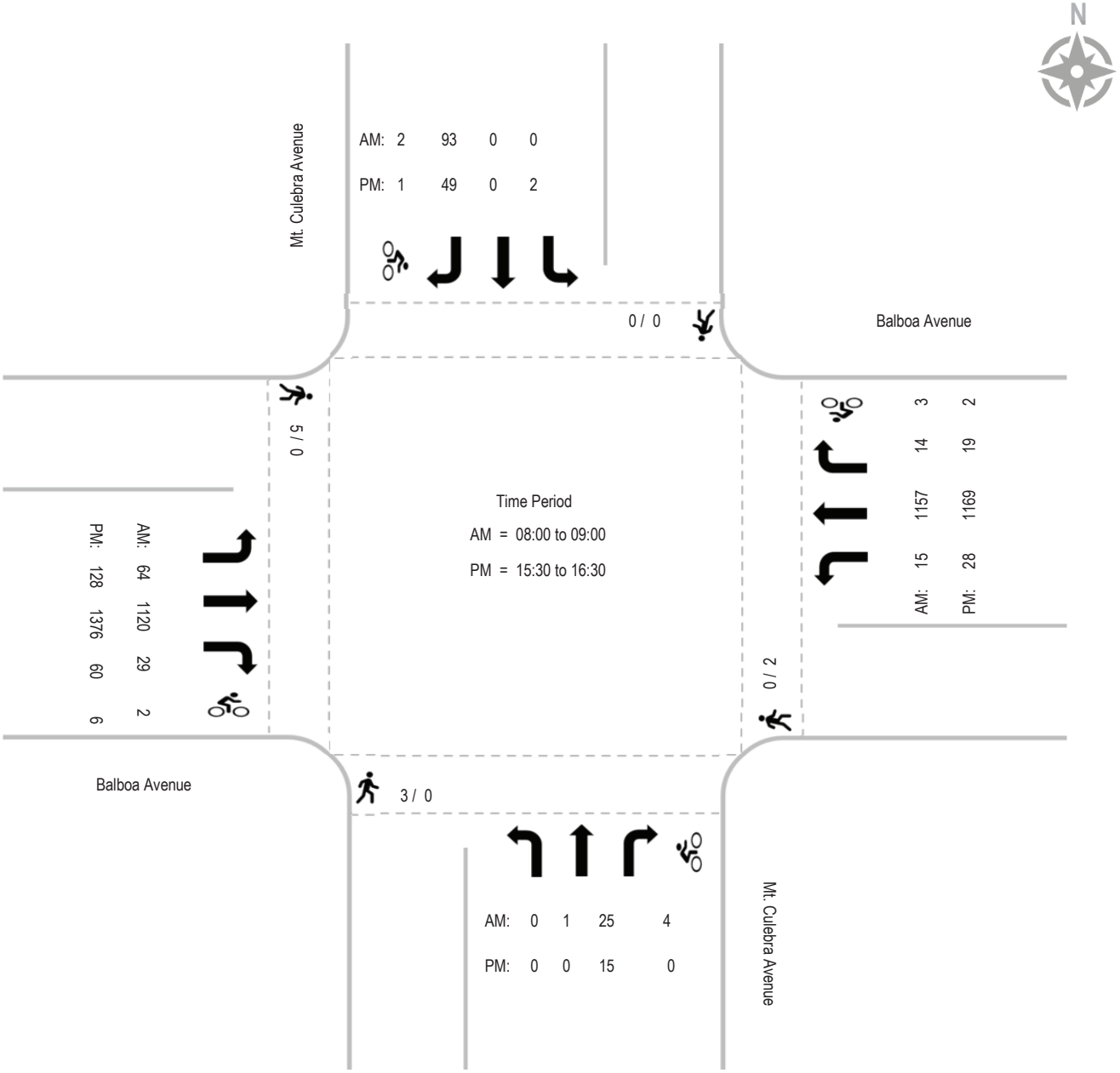
Location:	#09	File Name:	ITM-18-075-09
Intersection:	Mt. Culebra Avenue & Balboa Avenue	Project:	LLG Ref. 3-18-2908
Date of Count:	Thursday, June 07, 2018		John Muir School

AM	Mt. Culebra Avenue Southbound				Balboa Avenue Westbound				Mt. Culebra Avenue Northbound				Balboa Avenue Eastbound				Totals	
	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	Bicycle
7:00	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1
7:15	0	0	0	1	0	0	1	0	1	0	0	2	1	0	0	0	2	4
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	3
8:00	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	4	0
8:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	3
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Ped Total	0				0				3				5				8	
Bike Total		0	0	2		0	3	0		0	2	2		0	2	0		11

PM	Mt. Culebra Avenue Southbound				Balboa Avenue Westbound				Mt. Culebra Avenue Northbound				Balboa Avenue Eastbound				Totals	
	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	Bicycle
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	2
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
17:30	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	3
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
Ped Total	0				2				0				0				2	
Bike Total		0	0	1		0	2	0		0	0	0		1	5	0		9

Intersection Turning Movement - Peak Hour Summary

LINSCOTT LAW & GREENSPAN engineers	Location:	#09	File Name:	ITM-18-075-09
	Intersection:	Mt. Culebra Avenue & Balboa Avenue	Project:	LLG Ref. 3-18-2908
	Date of Count:	Thursday, June 07, 2018		John Muir School



Intersection Turning Movement - Peak Hour Vehicle Count

LINSCOTT LAW & GREENSPAN engineers

Location:	#10	File Name:	ITM-18-075-10
Intersection:	Mt. Everest Boulevard & Balboa Avenue	Project:	LLG Ref. 3-18-2908
Date of Count:	Thursday, June 07, 2018		John Muir School

AM	Mt. Everest Boulevard Southbound			Balboa Avenue Westbound			Mt. Everest Boulevard Northbound			Balboa Avenue Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Total
7:30	13	6	18	12	218	15	36	10	27	6	280	16	657
7:45	10	22	20	12	225	18	42	12	22	5	251	16	655
8:00	9	46	9	21	223	26	30	8	22	4	279	18	695
8:15	2	32	20	10	214	22	73	30	34	10	237	17	701
8:30	13	7	23	14	265	36	46	25	29	9	311	13	791
8:45	9	15	26	6	221	19	30	26	16	3	278	14	663
9:00	8	9	22	5	205	17	28	9	14	7	255	11	590
9:15	5	5	13	11	238	12	28	10	18	10	207	14	571
Total	69	142	151	91	1809	165	313	130	182	54	2098	119	5323
Approach%	19.1	39.2	41.7	4.4	87.6	8.0	50.1	20.8	29.1	2.4	92.4	5.2	
Total%	1.3	2.7	2.8	1.7	34.0	3.1	5.9	2.4	3.4	1.0	39.4	2.2	

AM Intersection Peak Hour: **08:00 to 09:00**

Volume	33	100	78	51	923	103	179	89	101	26	1,105	62	2,850
Approach%	15.6	47.4	37.0	4.7	85.7	9.6	48.5	24.1	27.4	2.2	92.6	5.2	
Total%	1.2	3.5	2.7	1.8	32.4	3.6	6.3	3.1	3.5	0.9	38.8	2.2	
PHF			0.82			0.85			0.67			0.90	0.90

PM	Mt. Everest Boulevard Southbound			Balboa Avenue Westbound			Mt. Everest Boulevard Northbound			Balboa Avenue Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Total
14:30	14	39	22	23	249	15	13	12	6	8	283	21	705
14:45	15	18	10	27	259	17	12	24	20	11	275	23	711
15:00	15	22	24	24	238	22	30	42	32	12	248	25	734
15:15	7	12	16	19	284	21	17	10	16	10	272	22	706
15:30	15	16	21	22	246	22	23	19	14	10	302	34	744
15:45	17	31	21	25	277	12	20	13	7	4	320	48	795
16:00	11	22	33	23	340	18	21	12	13	10	362	35	900
16:15	8	29	37	22	270	22	18	8	15	8	277	31	745
Total	102	189	184	185	2163	149	154	140	123	73	2339	239	6040
Approach%	21.5	39.8	38.7	7.4	86.6	6.0	36.9	33.6	29.5	2.8	88.2	9.0	
Total%	1.9	3.6	3.5	3.5	40.6	2.8	2.9	2.6	2.3	1.4	43.9	4.5	

PM Intersection Peak Hour: **15:30 to 16:30**

Volume	51	98	112	92	1,133	74	82	52	49	32	1,261	148	3,184
Approach%	19.5	37.5	42.9	7.1	87.2	5.7	44.8	28.4	26.8	2.2	87.5	10.3	
Total%	1.8	3.4	3.9	3.2	39.8	2.6	2.9	1.8	1.7	1.1	44.2	5.2	
PHF			0.88			0.85			0.82			0.89	0.88

Intersection Turning Movement - Bicycle & Pedestrian Count

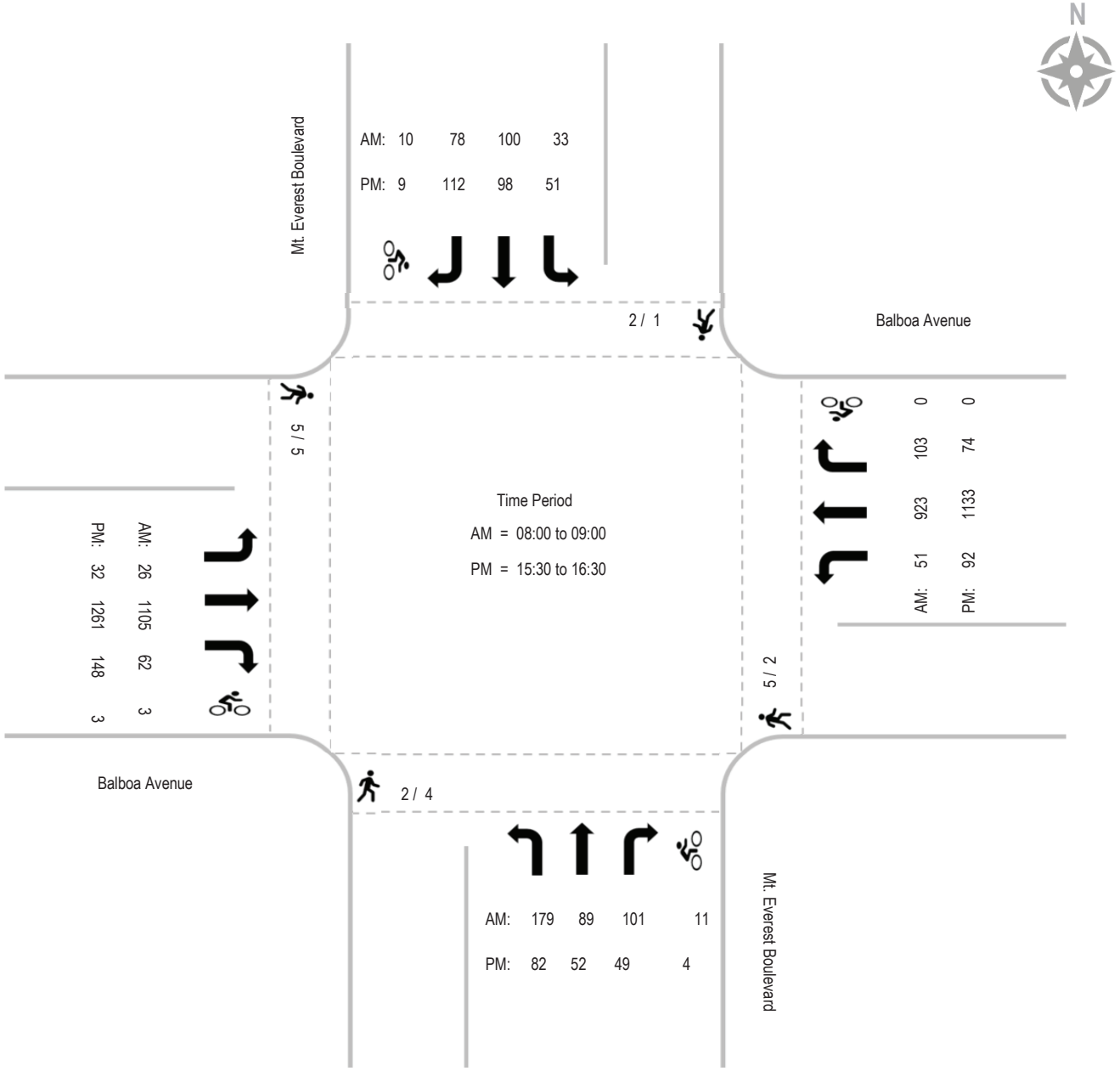
LINSCOTT LAW & GREENSPAN engineers	Location:	#10	File Name:	ITM-18-075-10
	Intersection:	Mt. Everest Boulevard & Balboa Avenue	Project:	LLG Ref. 3-18-2908
	Date of Count:	Thursday, June 07, 2018		John Muir School

AM	Mt. Everest Boulevard Southbound				Balboa Avenue Westbound				Mt. Everest Boulevard Northbound				Balboa Avenue Eastbound				Totals	
	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	Bicycle
7:00	0	0	4	0	0	0	0	0	0	0	2	0	1	0	0	0	1	6
7:15	0	1	0	0	4	0	0	0	0	0	0	0	2	0	0	0	6	1
7:30	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	3
7:45	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	2	1
8:00	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
8:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
8:30	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7
8:45	0	0	2	0	0	0	0	0	0	0	2	0	2	0	1	0	2	5
Ped Total	2				5				2				5				14	
Bike Total		2	7	1		0	0	0		0	11	0		0	3	0		24

PM	Mt. Everest Boulevard Southbound				Balboa Avenue Westbound				Mt. Everest Boulevard Northbound				Balboa Avenue Eastbound				Totals	
	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	B-Left	B-Thru	B-Right	Ped	Bicycle
16:00	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	4	0
16:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
16:30	0	0	0	0	1	0	0	0	1	0	0	0	2	0	0	0	4	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	1	3
17:15	0	0	1	0	1	0	0	0	0	0	1	0	0	0	2	0	1	4
17:30	0	0	8	0	0	0	0	0	0	0	0	0	0	0	1	0	0	9
17:45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Ped Total	1				2				4				5				12	
Bike Total		0	9	0		0	0	0		0	4	0		0	3	0		16

Intersection Turning Movement - Peak Hour Summary

LINSCOTT LAW & GREENSPAN engineers	Location:	#10	File Name:	ITM-18-075-10
	Intersection:	Mt. Everest Boulevard & Balboa Avenue	Project:	LLG Ref. 3-18-2908
	Date of Count:	Thursday, June 07, 2018		John Muir School



THURSDAY - JUNE 7, 2018 CITY: CLAIREMONT PROJECT: PTD18-0608-02

GENESEE AVENUE - WO MT. HERBERT AVENUE

AM Period	NB	SB	EB		WB			PM Period	NB	SB	EB		WB		
00:00			17		22			12:00			172		203		
00:15			26		17			12:15			203		206		
00:30			18		10			12:30			191		219		
00:45			18	79	11	60	139	12:45			228	794	209	837	1631
01:00			14		12			13:00			180		206		
01:15			7		9			13:15			192		219		
01:30			4		9			13:30			192		203		
01:45			9	34	10	40	74	13:45			216	780	190	818	1598
02:00			7		5			14:00			190		206		
02:15			7		4			14:15			229		198		
02:30			4		5			14:30			255		226		
02:45			6	24	8	22	46	14:45			264	938	208	838	1776
03:00			6		7			15:00			265		232		
03:15			3		5			15:15			331		204		
03:30			6		7			15:30			320		225		
03:45			4	19	10	29	48	15:45			350	1266	236	897	2163
04:00			11		9			16:00			351		234		
04:15			7		8			16:15			356		216		
04:30			16		9			16:30			340		195		
04:45			13	47	15	41	88	16:45			337	1384	179	824	2208
05:00			10		29			17:00			345		210		
05:15			10		27			17:15			359		194		
05:30			14		53			17:30			335		207		
05:45			24	58	66	175	233	17:45			333	1372	169	780	2152
06:00			19		77			18:00			304		196		
06:15			45		107			18:15			295		189		
06:30			39		180			18:30			316		161		
06:45			48	151	226	590	741	18:45			259	1174	157	703	1877
07:00			88		254			19:00			191		166		
07:15			109		273			19:15			189		150		
07:30			131		329			19:30			206		158		
07:45			160	488	291	1147	1635	19:45			145	731	139	613	1344
08:00			151		289			20:00			137		122		
08:15			164		316			20:15			144		133		
08:30			117		331			20:30			116		125		
08:45			158	590	319	1255	1845	20:45			137	534	117	497	1031
09:00			178		256			21:00			113		112		
09:15			152		225			21:15			87		135		
09:30			169		215			21:30			89		75		
09:45			170	669	173	869	1538	21:45			82	371	99	421	792
10:00			182		202			22:00			66		79		
10:15			146		184			22:15			75		44		
10:30			177		194			22:30			53		48		
10:45			187	692	174	754	1446	22:45			35	229	34	205	434
11:00			157		208			23:00			46		40		
11:15			185		197			23:15			44		29		
11:30			183		195			23:30			24		33		
11:45			203	728	192	792	1520	23:45			19	133	16	118	251
Total Vol.				3579		5774	**9353**					9706		7551	**17257**

Daily Totals

NB	SB	EB	WB	Combined
		13285	13325	**26610**

	AM			PM		
Split %	38.3%	61.7%	**35.1%**	56.2%	43.8%	**64.9%**
Peak Hour	11:45	08:00	**08:00**	15:45	15:30	**15:30**
Volume	769	1255	**1845**	1397	911	**2288**
P.H.F.	0.95	0.95	**0.96**	0.98	0.97	**0.98**

PACIFIC TECHNICAL DATA

THURSDAY - JUNE 7, 2018 CITY: CLAIREMONT PROJECT: PTD18-0608-02

ADT02 GENESEE - MT. FORAKER TO MT. ETNA

AM Period	NB	SB	EB		WB			PM Period	NB	SB	EB		WB		
00:00			16		19			12:00			161		193		
00:15			30		18			12:15			195		193		
00:30			18		9			12:30			176		202		
00:45			17	81	15	61	142	12:45			209	741	195	783	1524
01:00			14		9			13:00			169		185		
01:15			7		9			13:15			179		204		
01:30			4		9			13:30			184		178		
01:45			8	33	11	38	71	13:45			209	741	182	749	1490
02:00			6		6			14:00			171		192		
02:15			8		4			14:15			218		180		
02:30			4		5			14:30			230		205		
02:45			5	23	8	23	46	14:45			248	867	183	760	1627
03:00			6		7			15:00			248		211		
03:15			2		6			15:15			297		194		
03:30			6		5			15:30			277		206		
03:45			3	17	8	26	43	15:45			345	1167	197	808	1975
04:00			9		7			16:00			335		210		
04:15			8		5			16:15			328		203		
04:30			16		7			16:30			311		179		
04:45			13	46	12	31	77	16:45			321	1295	181	773	2068
05:00			10		28			17:00			300		184		
05:15			10		23			17:15			316		169		
05:30			13		45			17:30			326		193		
05:45			23	56	53	149	205	17:45			313	1255	151	697	1952
06:00			21		59			18:00			282		180		
06:15			42		85			18:15			281		178		
06:30			47		157			18:30			292		141		
06:45			55	165	177	478	643	18:45			233	1088	148	647	1735
07:00			87		215			19:00			175		157		
07:15			99		218			19:15			166		125		
07:30			122		283			19:30			183		139		
07:45			150	458	240	956	1414	19:45			130	654	132	553	1207
08:00			145		246			20:00			110		114		
08:15			151		266			20:15			141		122		
08:30			111		284			20:30			114		125		
08:45			148	555	284	1080	1635	20:45			124	489	113	474	963
09:00			172		210			21:00			94		107		
09:15			147		200			21:15			77		127		
09:30			155		196			21:30			78		71		
09:45			171	645	153	759	1404	21:45			72	321	89	394	715
10:00			170		174			22:00			63		70		
10:15			155		162			22:15			69		41		
10:30			166		167			22:30			46		45		
10:45			185	676	156	659	1335	22:45			31	209	33	189	398
11:00			159		197			23:00			40		42		
11:15			170		170			23:15			33		29		
11:30			173		178			23:30			24		29		
11:45			181	683	174	719	1402	23:45			19	116	15	115	231
Total Vol.				3438		4979	**8417**					8943		6942	**15885**

			Daily Totals		
	NB	SB	EB	WB	**Combined**
			12381	11921	**24302**

	AM			**PM**		
Split %	40.8%	59.2%	**34.6%**	56.3%	43.7%	**65.4%**
Peak Hour	11:45	08:00	**08:00**	15:45	15:30	**15:45**
Volume	713	1080	**1635**	1319	816	**2108**
P.H.F.	0.91	0.95	**0.95**	0.96	0.97	**0.97**

THURSDAY - JUNE 7, 2018 CITY: CLAIREMONT PROJECT: PTD18-0608-02

ADT03 GENESEE - BALBOA TO MT. ALIFAN

AM Period	NB		SB		EB	WB		PM Period	NB		SB		EB	WB	
00:00	11		33					12:00	178		121				
00:15	10		24					12:15	171		168				
00:30	14		12					12:30	170		137				
00:45	4	39	14	83			122	12:45	205	724	145	571			1295
01:00	18		17					13:00	138		157				
01:15	7		15					13:15	200		160				
01:30	7		6					13:30	147		134				
01:45	8	40	14	52			92	13:45	151	636	155	606			1242
02:00	2		11					14:00	163		156				
02:15	5		5					14:15	177		195				
02:30	3		5					14:30	186		193				
02:45	3	13	9	30			43	14:45	174	700	245	789			1489
03:00	4		6					15:00	192		219				
03:15	4		1					15:15	181		247				
03:30	3		9					15:30	197		240				
03:45	5	16	11	27			43	15:45	184	754	266	972			1726
04:00	4		15					16:00	230		306				
04:15	6		12					16:15	186		300				
04:30	6		20					16:30	197		304				
04:45	19	35	23	70			105	16:45	173	786	297	1207			1993
05:00	29		17					17:00	150		300				
05:15	21		29					17:15	217		317				
05:30	39		37					17:30	173		312				
05:45	55	144	52	135			279	17:45	185	725	288	1217			1942
06:00	54		50					18:00	165		315				
06:15	86		60					18:15	161		248				
06:30	145		68					18:30	155		267				
06:45	210	495	100	278			773	18:45	145	626	228	1058			1684
07:00	231		85					19:00	145		205				
07:15	215		118					19:15	133		169				
07:30	269		114					19:30	121		144				
07:45	287	1002	121	438			1440	19:45	107	506	142	660			1166
08:00	233		136					20:00	111		129				
08:15	267		126					20:15	109		132				
08:30	315		118					20:30	101		129				
08:45	291	1106	121	501			1607	20:45	104	425	125	515			940
09:00	222		125					21:00	91		103				
09:15	184		127					21:15	98		108				
09:30	183		132					21:30	76		80				
09:45	126	715	139	523			1238	21:45	66	331	65	356			687
10:00	157		114					22:00	52		73				
10:15	145		128					22:15	35		77				
10:30	133		114					22:30	50		48				
10:45	157	592	111	467			1059	22:45	22	159	48	246			405
11:00	149		125					23:00	27		34				
11:15	168		99					23:15	25		42				
11:30	161		144					23:30	26		23				
11:45	174	652	142	510			1162	23:45	7	85	40	139			224
Total Vol.		4849		3114			**7963**			6457		8336			**14793**

Daily Totals

NB	SB	EB	WB	**Combined**
11306	11450			**22756**

	AM			**PM**		
Split %	60.9%	39.1%	**35.0%**	43.6%	56.4%	**65.0%**
Peak Hour	08:00	11:30	**08:00**	15:30	17:15	**16:00**
Volume	1106	575	**1607**	797	1232	**1993**
P.H.F.	0.88	0.86	**0.93**	0.91	0.97	**0.93**

PACIFIC TECHNICAL DATA

THURSDAY - JUNE 7, 2018 CITY: CLAIREMONT PROJECT: PTD18-0608-02

MT. HERBERT AVENUE - MT. GAYWAS DRIVE TO MT. ETNA DRIVE

AM Period	NB		SB		EB	WB		PM Period	NB		SB		EB	WB	
00:00	2		5					12:00	11		17				
00:15	3		3					12:15	14		14				
00:30	1		4					12:30	15		14				
00:45	0	6	2	14			20	12:45	18	58	12	57			115
01:00	1		1					13:00	14		18				
01:15	1		1					13:15	8		10				
01:30	1		1					13:30	17		16				
01:45	0	3	0	3			6	13:45	19	58	10	54			112
02:00	0		1					14:00	21		18				
02:15	0		0					14:15	16		26				
02:30	0		1					14:30	23		16				
02:45	0	0	0	2			2	14:45	18	78	28	88			166
03:00	0		0					15:00	19		18				
03:15	0		1					15:15	18		26				
03:30	2		0					15:30	18		34				
03:45	1	3	1	2			5	15:45	44	99	37	115			214
04:00	1		2					16:00	21		17				
04:15	1		0					16:15	22		25				
04:30	2		0					16:30	23		26				
04:45	1	5	1	3			8	16:45	16	82	31	99			181
05:00	4		3					17:00	17		23				
05:15	5		1					17:15	17		29				
05:30	7		1					17:30	20		24				
05:45	9	25	3	8			33	17:45	18	72	23	99			171
06:00	14		3					18:00	16		30				
06:15	14		4					18:15	18		25				
06:30	21		2					18:30	17		17				
06:45	24	73	7	16			89	18:45	21	72	24	96			168
07:00	27		10					19:00	17		14				
07:15	29		12					19:15	21		28				
07:30	29		9					19:30	19		19				
07:45	24	109	18	49			158	19:45	9	66	11	72			138
08:00	29		13					20:00	8		18				
08:15	27		13					20:15	4		13				
08:30	38		24					20:30	11		16				
08:45	42	136	25	75			211	20:45	10	33	13	60			93
09:00	35		12					21:00	4		13				
09:15	22		7					21:15	9		13				
09:30	16		18					21:30	3		9				
09:45	13	86	9	46			132	21:45	11	27	11	46			73
10:00	19		7					22:00	3		10				
10:15	21		12					22:15	6		5				
10:30	23		16					22:30	3		6				
10:45	17	80	8	43			123	22:45	4	16	6	27			43
11:00	13		16					23:00	4		3				
11:15	25		14					23:15	3		10				
11:30	6		13					23:30	5		2				
11:45	14	58	14	57			115	23:45	0	12	0	15			27
Total Vol.		584		318			**902**			673		828			**1501**

Daily Totals

NB	SB	EB	WB	**Combined**
1257	1146			**2403**

	AM			**PM**		
Split %	64.7%	35.3%	**37.5%**	44.8%	55.2%	**62.5%**
Peak Hour	08:15	08:00	**08:15**	15:45	15:00	**15:30**
Volume	142	75	**216**	110	115	**218**
P.H.F.	0.85	0.75	**0.81**	0.62	0.78	**0.67**

THURSDAY - JUNE 7, 2018 CITY: CLAIREMONT PROJECT: PTD18-0608-02

MT. HERBERT AVENUE - MT. ETNA DRIVE TO MT. KING DRIVE

AM Period	NB		SB		EB	WB		PM Period	NB		SB		EB	WB	
00:00	3		8					12:00	25		26				
00:15	2		3					12:15	24		22				
00:30	3		4					12:30	27		21				
00:45	0	8	2	17			25	12:45	22	98	25	94			192
01:00	1		1					13:00	16		26				
01:15	1		1					13:15	18		22				
01:30	1		3					13:30	30		30				
01:45	0	3	1	6			9	13:45	25	89	23	101			190
02:00	0		1					14:00	37		27				
02:15	0		0					14:15	24		38				
02:30	1		1					14:30	38		33				
02:45	0	1	0	2			3	14:45	39	138	38	136			274
03:00	0		1					15:00	26		48				
03:15	1		1					15:15	28		37				
03:30	2		0					15:30	29		47				
03:45	2	5	1	3			8	15:45	75	158	45	177			335
04:00	1		2					16:00	38		38				
04:15	4		0					16:15	26		40				
04:30	3		1					16:30	30		43				
04:45	2	10	2	5			15	16:45	23	117	44	165			282
05:00	5		4					17:00	32		37				
05:15	9		0					17:15	27		38				
05:30	11		2					17:30	27		37				
05:45	11	36	2	8			44	17:45	31	117	31	143			260
06:00	20		4					18:00	40		38				
06:15	25		7					18:15	33		41				
06:30	21		4					18:30	27		25				
06:45	38	104	5	20			124	18:45	25	125	33	137			262
07:00	52		15					19:00	23		34				
07:15	47		17					19:15	34		41				
07:30	56		14					19:30	23		32				
07:45	41	196	14	60			256	19:45	12	92	32	139			231
08:00	56		12					20:00	18		26				
08:15	37		14					20:15	9		21				
08:30	60		30					20:30	16		25				
08:45	79	232	35	91			323	20:45	13	56	25	97			153
09:00	43		13					21:00	7		28				
09:15	25		11					21:15	17		29				
09:30	24		19					21:30	10		18				
09:45	19	111	11	54			165	21:45	16	50	16	91			141
10:00	32		18					22:00	3		16				
10:15	29		21					22:15	5		14				
10:30	33		21					22:30	4		13				
10:45	19	113	19	79			192	22:45	5	17	11	54			71
11:00	19		13					23:00	4		11				
11:15	41		22					23:15	7		15				
11:30	21		31					23:30	3		3				
11:45	24	105	19	85			190	23:45	2	16	3	32			48
Total Vol.		924		430			**1354**			1073		1366			**2439**

	Daily Totals				
	NB	SB	EB	WB	**Combined**
	1997	1796			**3793**

	AM			**PM**		
Split %	68.2%	31.8%	**35.7%**	44.0%	56.0%	**64.3%**
Peak Hour	08:00	11:15	**08:00**	15:15	15:00	**15:30**
Volume	232	98	**323**	170	177	**338**
P.H.F.	0.73	0.79	**0.71**	0.69	0.92	**0.70**

PACIFIC TECHNICAL DATA

THURSDAY - JUNE 7, 2018 CITY: CLAIREMONT PROJECT: PTD18-0608-02

MT. EVEREST BOULEVARD - MT. ETNA DRIVE TO MT. DURBAN DRIVE

AM Period	NB		SB		EB	WB		PM Period	NB		SB		EB	WB	
00:00	3		2					12:00	36		33				
00:15	1		2					12:15	41		33				
00:30	0		1					12:30	28		38				
00:45	1	5	1	6			11	12:45	31	136	29	133			269
01:00	1		1					13:00	23		46				
01:15	5		2					13:15	40		40				
01:30	1		0					13:30	29		34				
01:45	4	11	0	3			14	13:45	31	123	32	152			275
02:00	0		1					14:00	44		42				
02:15	0		0					14:15	37		36				
02:30	1		0					14:30	37		50				
02:45	2	3	1	2			5	14:45	37	155	44	172			327
03:00	1		0					15:00	54		43				
03:15	0		0					15:15	45		33				
03:30	0		0					15:30	43		33				
03:45	1	2	1	1			3	15:45	40	182	62	171			353
04:00	0		1					16:00	45		49				
04:15	1		1					16:15	32		62				
04:30	2		0					16:30	38		82				
04:45	0	3	4	6			9	16:45	41	156	67	260			416
05:00	2		4					17:00	42		66				
05:15	3		2					17:15	40		74				
05:30	6		2					17:30	41		78				
05:45	4	15	4	12			27	17:45	40	163	89	307			470
06:00	12		6					18:00	38		72				
06:15	10		13					18:15	33		46				
06:30	15		13					18:30	26		28				
06:45	19	56	13	45			101	18:45	31	128	39	185			313
07:00	22		21					19:00	32		24				
07:15	27		24					19:15	25		24				
07:30	25		27					19:30	33		14				
07:45	32	106	30	102			208	19:45	32	122	19	81			203
08:00	34		43					20:00	19		18				
08:15	47		62					20:15	24		12				
08:30	52		28					20:30	21		19				
08:45	44	177	35	168			345	20:45	20	84	12	61			145
09:00	38		28					21:00	16		10				
09:15	25		30					21:15	17		9				
09:30	21		26					21:30	14		16				
09:45	29	113	30	114			227	21:45	12	59	11	46			105
10:00	26		23					22:00	10		5				
10:15	21		18					22:15	15		4				
10:30	27		29					22:30	7		6				
10:45	31	105	30	100			205	22:45	3	35	2	17			52
11:00	38		31					23:00	5		5				
11:15	28		27					23:15	7		7				
11:30	32		30					23:30	3		0				
11:45	28	126	33	121			247	23:45	3	18	1	13			31
Total Vol.		722		680			**1402**			1361		1598			**2959**

	Daily Totals				
	NB	SB	EB	WB	**Combined**
	2083	2278			**4361**

	AM			**PM**		
Split %	51.5%	48.5%	**32.1%**	46.0%	54.0%	**67.9%**
Peak Hour	08:15	08:00	**08:00**	15:00	17:15	**17:15**
Volume	181	168	**345**	182	313	**472**
P.H.F.	0.87	0.68	**0.79**	0.86	0.88	**0.91**

PACIFIC TECHNICAL DATA

THURSDAY - JUNE 7, 2018 CITY: CLAIREMONT PROJECT: PTD18-0608-02

MT. CULEBRA AVENUE - MT. DURBAN DRIVE TO MT. CASAS DRIVE

AM Period	NB		SB		EB	WB		PM Period	NB		SB		EB	WB	
00:00	2		1					12:00	11		7				
00:15	0		0					12:15	14		9				
00:30	2		1					12:30	14		4				
00:45	0	4	0	2			6	12:45	15	54	10	30			84
01:00	1		0					13:00	11		7				
01:15	0		0					13:15	17		8				
01:30	0		0					13:30	12		4				
01:45	2	3	1	1			4	13:45	11	51	10	29			80
02:00	2		1					14:00	13		9				
02:15	0		1					14:15	26		14				
02:30	0		0					14:30	23		8				
02:45	0	2	0	2			4	14:45	23	85	17	48			133
03:00	0		0					15:00	17		10				
03:15	0		2					15:15	16		14				
03:30	1		0					15:30	18		6				
03:45	0	1	1	3			4	15:45	35	86	13	43			129
04:00	0		0					16:00	30		7				
04:15	0		1					16:15	27		12				
04:30	1		1					16:30	13		15				
04:45	0	1	3	5			6	16:45	18	88	12	46			134
05:00	0		0					17:00	30		11				
05:15	1		2					17:15	20		8				
05:30	1		8					17:30	31		16				
05:45	4	6	4	14			20	17:45	15	96	10	45			141
06:00	1		2					18:00	16		13				
06:15	3		9					18:15	23		9				
06:30	3		5					18:30	17		7				
06:45	1	8	17	33			41	18:45	19	75	6	35			110
07:00	15		33					19:00	19		9				
07:15	12		21					19:15	16		5				
07:30	9		22					19:30	14		4				
07:45	12	48	28	104			152	19:45	11	60	3	21			81
08:00	10		14					20:00	11		7				
08:15	9		14					20:15	13		5				
08:30	20		20					20:30	12		4				
08:45	20	59	15	63			122	20:45	16	52	7	23			75
09:00	11		15					21:00	6		2				
09:15	8		14					21:15	10		3				
09:30	9		12					21:30	5		2				
09:45	8	36	14	55			91	21:45	11	32	5	12			44
10:00	10		10					22:00	6		0				
10:15	10		11					22:15	4		0				
10:30	12		5					22:30	3		1				
10:45	11	43	4	30			73	22:45	7	20	2	3			23
11:00	5		9					23:00	8		0				
11:15	11		8					23:15	5		5				
11:30	12		9					23:30	3		1				
11:45	11	39	12	38			77	23:45	6	22	2	8			30
Total Vol.		250		350			**600**			721		343			**1064**

Daily Totals

NB	SB	EB	WB	**Combined**
971	693			**1664**

	AM			PM		
Split %	41.7%	58.3%	**36.1%**	67.8%	32.2%	**63.9%**
Peak Hour	08:15	07:00	**07:00**	15:30	16:15	**15:45**
Volume	60	104	**152**	110	50	**152**
P.H.F.	0.75	0.79	**0.79**	0.81	0.83	**0.79**

PACIFIC TECHNICAL DATA

THURSDAY - JUNE 7, 2018 CITY: CLAIREMONT PROJECT: PTD18-0608-02

BALBOA AVENUE - W/O MT. CULEBRA AVENUE

AM Period	NB	SB	EB		WB			PM Period	NB	SB	EB		WB		
00:00			35		23			12:00			279		245		
00:15			37		22			12:15			267		271		
00:30			26		27			12:30			249		262		
00:45			15	113	17	89	202	12:45			232	1027	253	1031	2058
01:00			23		13			13:00			266		282		
01:15			19		11			13:15			255		286		
01:30			18		22			13:30			259		260		
01:45			20	80	9	55	135	13:45			254	1034	279	1107	2141
02:00			17		18			14:00			252		275		
02:15			13		10			14:15			288		317		
02:30			11		4			14:30			324		286		
02:45			4	45	6	38	83	14:45			351	1215	269	1147	2362
03:00			9		5			15:00			287		318		
03:15			4		10			15:15			334		297		
03:30			13		10			15:30			333		285		
03:45			7	33	5	30	63	15:45			402	1356	293	1193	2549
04:00			10		7			16:00			411		346		
04:15			11		11			16:15			374		313		
04:30			22		25			16:30			339		397		
04:45			9	52	29	72	124	16:45			365	1489	354	1410	2899
05:00			31		38			17:00			372		349		
05:15			48		40			17:15			361		381		
05:30			50		43			17:30			313		348		
05:45			78	207	69	190	397	17:45			350	1396	339	1417	2813
06:00			59		73			18:00			285		379		
06:15			104		107			18:15			320		329		
06:30			120		156			18:30			277		254		
06:45			196	479	224	560	1039	18:45			262	1144	263	1225	2369
07:00			236		285			19:00			254		260		
07:15			263		260			19:15			230		200		
07:30			290		273			19:30			212		187		
07:45			306	1095	309	1127	2222	19:45			168	864	174	821	1685
08:00			280		244			20:00			209		193		
08:15			268		302			20:15			200		160		
08:30			296		326			20:30			187		139		
08:45			334	1178	315	1187	2365	20:45			172	768	183	675	1443
09:00			253		237			21:00			128		150		
09:15			268		286			21:15			122		114		
09:30			213		290			21:30			121		131		
09:45			217	951	261	1074	2025	21:45			117	488	127	522	1010
10:00			231		252			22:00			75		92		
10:15			198		221			22:15			95		89		
10:30			220		231			22:30			63		84		
10:45			254	903	232	936	1839	22:45			63	296	55	320	616
11:00			250		233			23:00			48		47		
11:15			252		219			23:15			50		48		
11:30			303		225			23:30			29		38		
11:45			254	1059	278	955	2014	23:45			30	157	35	168	325
Total Vol.				6195		6313	**12508**					11234		11036	**22270**

Daily Totals

NB	SB	EB	WB	**Combined**
		17429	17349	**34778**

	AM			**PM**		
Split %	49.5%	50.5%	**36.0%**	50.4%	49.6%	**64.0%**
Peak Hour	08:00	08:00	**08:00**	15:45	16:30	**16:30**
Volume	1178	1187	**2365**	1526	1481	**2918**
P.H.F.	0.88	0.91	**0.91**	0.93	0.93	**0.98**

THURSDAY - JUNE 7, 2018 CITY: CLAIREMONT PROJECT: PTD18-0608-02

BALBOA AVENUE - MT. EVEREST BOULEVARD TO GENESEE AVENUE

AM Period	NB	SB	EB		WB			PM Period	NB	SB	EB		WB		
00:00			32		29			12:00			258		242		
00:15			34		26			12:15			272		275		
00:30			21		26			12:30			242		272		
00:45			13	100	13	94	194	12:45			238	1010	285	1074	2084
01:00			21		13			13:00			272		275		
01:15			16		13			13:15			236		266		
01:30			16		22			13:30			261		261		
01:45			18	71	9	57	128	13:45			254	1023	245	1047	2070
02:00			15		21			14:00			241		281		
02:15			13		7			14:15			274		298		
02:30			10		6			14:30			295		289		
02:45			6	44	6	40	84	14:45			320	1130	272	1140	2270
03:00			11		4			15:00			285		296		
03:15			6		8			15:15			281		292		
03:30			15		12			15:30			339		274		
03:45			7	39	5	29	68	15:45			318	1223	291	1153	2376
04:00			12		5			16:00			384		338		
04:15			12		9			16:15			305		294		
04:30			26		26			16:30			339		371		
04:45			13	63	22	62	125	16:45			311	1339	325	1328	2667
05:00			35		29			17:00			326		383		
05:15			49		26			17:15			328		333		
05:30			55		31			17:30			279		341		
05:45			83	222	61	147	369	17:45			345	1278	320	1377	2655
06:00			64		62			18:00			246		341		
06:15			112		82			18:15			294		328		
06:30			134		135			18:30			253		249		
06:45			210	520	196	475	995	18:45			229	1022	287	1205	2227
07:00			234		237			19:00			228		233		
07:15			241		203			19:15			205		228		
07:30			331		243			19:30			218		162		
07:45			283	1089	249	932	2021	19:45			154	805	188	811	1616
08:00			287		244			20:00			182		190		
08:15			250		253			20:15			179		178		
08:30			280		283			20:30			165		161		
08:45			331	1148	267	1047	2195	20:45			156	682	185	714	1396
09:00			256		217			21:00			131		161		
09:15			258		262			21:15			125		118		
09:30			209		248			21:30			126		151		
09:45			206	929	244	971	1900	21:45			103	485	138	568	1053
10:00			220		219			22:00			73		96		
10:15			202		198			22:15			88		87		
10:30			200		219			22:30			57		97		
10:45			246	868	212	848	1716	22:45			58	276	61	341	617
11:00			248		246			23:00			37		48		
11:15			239		209			23:15			44		46		
11:30			292		218			23:30			27		42		
11:45			242	1021	254	927	1948	23:45			26	134	40	176	310
Total Vol.				6114		5629	**11743**					10407		10934	**21341**

Daily Totals

NB	SB	EB	WB	**Combined**
		16521	16563	**33084**

	AM			**PM**		
Split %	52.1%	47.9%	**35.5%**	48.8%	51.2%	**64.5%**
Peak Hour	07:30	08:00	**08:00**	15:30	16:30	**16:30**
Volume	1151	1047	**2195**	1346	1412	**2716**
P.H.F.	0.87	0.92	**0.92**	0.88	0.92	**0.96**

THURSDAY - JUNE 7, 2018 CITY: CLAIREMONT PROJECT: PTD18-0608-02

BALBOA AVENUE - E/O GENESEE AVENUE

AM Period	NB	SB	EB		WB			PM Period	NB	SB	EB		WB		
00:00			33		33			12:00			299		269		
00:15			35		37			12:15			284		291		
00:30			20		34			12:30			258		270		
00:45			16	104	20	124	228	12:45			258	1099	260	1090	2189
01:00			22		21			13:00			257		284		
01:15			14		15			13:15			257		289		
01:30			15		22			13:30			278		263		
01:45			12	63	9	67	130	13:45			263	1055	297	1133	2188
02:00			19		26			14:00			276		267		
02:15			8		13			14:15			263		317		
02:30			10		7			14:30			293		308		
02:45			6	43	20	66	109	14:45			302	1134	289	1181	2315
03:00			17		7			15:00			301		315		
03:15			5		9			15:15			328		294		
03:30			18		14			15:30			335		291		
03:45			5	45	12	42	87	15:45			381	1345	324	1224	2569
04:00			10		14			16:00			368		343		
04:15			9		17			16:15			303		334		
04:30			30		22			16:30			310		356		
04:45			23	72	28	81	153	16:45			306	1287	355	1388	2675
05:00			33		41			17:00			364		374		
05:15			62		41			17:15			317		394		
05:30			51		42			17:30			305		356		
05:45			72	218	69	193	411	17:45			297	1283	361	1485	2768
06:00			65		76			18:00			275		359		
06:15			104		83			18:15			311		308		
06:30			124		125			18:30			290		295		
06:45			197	490	155	439	929	18:45			271	1147	252	1214	2361
07:00			208		174			19:00			242		274		
07:15			227		198			19:15			247		219		
07:30			290		214			19:30			257		207		
07:45			293	1018	231	817	1835	19:45			171	917	216	916	1833
08:00			230		230			20:00			168		212		
08:15			243		228			20:15			195		198		
08:30			263		288			20:30			188		192		
08:45			329	1065	273	1019	2084	20:45			156	707	193	795	1502
09:00			237		233			21:00			162		188		
09:15			236		243			21:15			119		164		
09:30			242		262			21:30			136		159		
09:45			192	907	267	1005	1912	21:45			111	528	127	638	1166
10:00			234		232			22:00			84		128		
10:15			205		210			22:15			80		93		
10:30			237		227			22:30			64		104		
10:45			266	942	228	897	1839	22:45			64	292	76	401	693
11:00			277		214			23:00			42		70		
11:15			293		227			23:15			54		61		
11:30			305		216			23:30			27		48		
11:45			286	1161	262	919	2080	23:45			21	144	55	234	378
Total Vol.				6128		5669	**11797**					10938		11699	**22637**

Daily Totals

NB	SB	EB	WB	**Combined**
		17066	17368	**34434**

	AM			**PM**		
Split %	51.9%	48.1%	**34.3%**	48.3%	51.7%	**65.7%**
Peak Hour	11:15	11:45	**11:45**	15:15	17:00	**16:30**
Volume	1183	1092	**2219**	1412	1485	**2776**
P.H.F.	0.97	0.94	**0.96**	0.93	0.94	**0.94**

APPENDIX B

JOHN MUIR SCHOOL BELL SCHEDULE

ATYPICAL SCHOOL

Daily Bell Schedules

Bell Schedule

School starts at 8:55 AM every day and ends at 3:47 PM on Monday, Tuesday, Thursday, and Friday and at 2:27 PM on Wednesday.

Elementary Bell Schedule

Monday, Tuesday, Thursday and Friday		Wednesday	
School **Starts** at	8:55 am	School **Starts** at	8:55 am
Recess	10:30 - 10:45 am	Recess	10:45 - 11:00 am
Lunch	**12:45 - 1:25 pm**	**Lunch**	**11:55 - 12:35 pm**
Recess	2:30 - 2:40 pm	School **Ends** at	2:27 pm
School **Ends** at	3:47 pm		

Secondary Bell Schedule

Monday, Tuesday, Thursday and Friday		Wednesday	
Period 1	8:55 - 9:55 am	Period 1	8:55 - 9:35 am
Period 2	10:00 - 11:00 am	Period 2	9:40 - 10:20 am
Period 3	11:05 - 12:05 pm	Period 3	10:25 - 11:05 am
Lunch	**12:10 - 12:40 pm**	Period 4	11:10 - 11:50 am
Period 4	12:45 - 1:45 pm	Period 5	11:55 am - 12:35 pm
Period 5	1:50 - 2:45 pm	**Lunch**	**12:40 - 1:10 pm**
Period 6	2:50 - 3:47 pm	Advisory	1:15 - 1:45 pm
		Period 6	1:50 - 2:27 pm

APPENDIX C

CITY OF SAN DIEGO ROADWAY CAPACITY TABLES

TABLE 2
Roadway Classifications, Levels of Service (LOS)
and Average Daily Traffic (ADT)

			LEVEL OF SERVICE				
STREET CLASSIFICATION	LANES	CROSS SECTIONS	A	B	C	D	E
Freeway	8 lanes		60,000	84,000	120,000	140,000	150,000
Freeway	6 lanes		45,000	63,000	90,000	110,000	120,000
Freeway	4 lanes		30,000	42,000	60,000	70,000	80,000
Expressway	6 lanes	102/122	30,000	42,000	60,000	70,000	80,000
Primary Arterial	6 lanes	102/122	25,000	35,000	50,000	55,000	60,000
Major Arterial	6 lanes	102/122	20,000	28,000	40,000	45,000	50,000
Major Arterial	4 lanes	78/98	15,000	21,000	30,000	35,000	40,000
Collector	4 lanes	72/92	10,000	14,000	20,000	25,000	30,000
Collector (no center lane) continuous left-turn lane)	4 lanes 2 lanes	64/84 50/70	5,000	7,000	10,000	13,000	15,000
Collector (no fronting property)	2 lanes	40/60	4,000	5,500	7,500	9,000	10,000
Collector (commercial-industrial fronting)	2 lanes	50/70	2,500	3,500	5,000	6,500	8,000
Collector (multifamily)	2 lanes	40/60	2,500	3,500	5,000	6,500	8,000
Sub-Collector (single-family)	2 lanes	36/56	—	—	2,200	—	—

LEGEND:

XXX/XXX = Curb to curb width (feet)/right-of-way width (feet): based on the City of San Diego Street Design. Manual

XX/XXX= Approximate recommended ADT based on the City of San Diego Street Design Manual.

NOTES:

1. The volumes and the average daily level of service listed above are only intended as a general planning guideline.

2. Levels of service are not applied to residential streets since their primary purpose is to serve abutting lots, not carry through traffic. Levels of service normally apply to roads carrying through traffic between major trip generators and attractors.

APPENDIX D

EXISTING INTERSECTION ANALYSIS WORKSHEETS

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	9	516	69	26	1037	14	188	6	19	22	6	36
Future Volume (veh/h)	9	516	69	26	1037	14	188	6	19	22	6	36
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.98	1.00		0.99	0.99		0.99	1.00		0.98
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	10	561	75	28	1127	15	204	7	21	24	7	39
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	19	1318	176	47	1563	21	422	12	28	190	79	203
Arrive On Green	0.01	0.42	0.42	0.03	0.44	0.44	0.22	0.22	0.22	0.22	0.22	0.22
Sat Flow, veh/h	1781	3141	419	1781	3590	48	1251	55	130	378	367	937
Grp Volume(v), veh/h	10	317	319	28	558	584	232	0	0	70	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1783	1781	1777	1861	1435	0	0	1682	0	0
Q Serve(g_s), s	0.2	5.6	5.7	0.7	11.5	11.5	5.1	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.2	5.6	5.7	0.7	11.5	11.5	6.6	0.0	0.0	1.5	0.0	0.0
Prop In Lane	1.00		0.23	1.00		0.03	0.88		0.09	0.34		0.56
Lane Grp Cap(c), veh/h	19	745	748	47	774	810	462	0	0	472	0	0
V/C Ratio(X)	0.54	0.42	0.43	0.60	0.72	0.72	0.50	0.00	0.00	0.15	0.00	0.00
Avail Cap(c_a), veh/h	207	1013	1017	223	1017	1066	1058	0	0	1131	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	22.0	9.2	9.2	21.5	10.4	10.4	16.2	0.0	0.0	14.3	0.0	0.0
Incr Delay (d2), s/veh	21.9	0.4	0.4	11.6	1.7	1.7	0.8	0.0	0.0	0.1	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	1.7	1.8	0.4	3.7	3.9	2.0	0.0	0.0	0.5	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	44.0	9.5	9.6	33.2	12.1	12.0	17.0	0.0	0.0	14.5	0.0	0.0
LnGrp LOS	D	A	A	C	B	B	B	A	A	B	A	A
Approach Vol, veh/h		646			1170			232			70	
Approach Delay, s/veh		10.1			12.6			17.0			14.5	
Approach LOS		B			B			B			B	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	5.6	24.6		14.6	4.9	25.3		14.6				
Change Period (Y+Rc), s	4.4	* 5.8		4.9	4.4	5.8		4.9				
Max Green Setting (Gmax), s	5.6	* 26		29.1	5.2	25.6		29.1				
Max Q Clear Time (g_c+I1), s	2.7	7.7		3.5	2.2	13.5		8.6				
Green Ext Time (p_c), s	0.0	3.7		0.3	0.0	5.9		1.3				

Intersection Summary	
HCM 6th Ctrl Delay	12.4
HCM 6th LOS	B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	31	38	74	98	20	93	132	972	156	118	500	42
Future Volume (veh/h)	31	38	74	98	20	93	132	972	156	118	500	42
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.99		0.98	0.99		0.99	1.00		0.99	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	34	41	80	107	22	101	143	1057	170	128	543	46
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	180	95	186	183	49	226	169	2844	457	154	2250	999
Arrive On Green	0.17	0.17	0.17	0.17	0.17	0.17	0.10	0.64	0.64	0.09	0.63	0.63
Sat Flow, veh/h	1261	559	1090	1254	289	1328	1781	4430	712	1781	3554	1578
Grp Volume(v), veh/h	34	0	121	107	0	123	143	812	415	128	543	46
Grp Sat Flow(s),veh/h/ln	1261	0	1649	1254	0	1617	1781	1702	1738	1781	1777	1578
Q Serve(g_s), s	3.5	0.0	9.2	11.7	0.0	9.6	11.1	15.7	15.7	9.9	9.3	1.5
Cycle Q Clear(g_c), s	13.0	0.0	9.2	20.9	0.0	9.6	11.1	15.7	15.7	9.9	9.3	1.5
Prop In Lane	1.00		0.66	1.00		0.82	1.00		0.41	1.00		1.00
Lane Grp Cap(c), veh/h	180	0	281	183	0	276	169	2185	1115	154	2250	999
V/C Ratio(X)	0.19	0.00	0.43	0.59	0.00	0.45	0.84	0.37	0.37	0.83	0.24	0.05
Avail Cap(c_a), veh/h	326	0	472	328	0	463	364	2185	1115	338	2250	999
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.51	0.51	0.51	1.00	1.00	1.00
Uniform Delay (d), s/veh	58.0	0.0	52.0	61.4	0.0	52.1	62.3	11.8	11.8	63.0	11.1	9.7
Incr Delay (d2), s/veh	0.5	0.0	1.0	3.0	0.0	1.1	5.8	0.2	0.5	11.0	0.3	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.1	0.0	3.9	3.9	0.0	4.0	5.3	6.0	6.2	5.0	3.7	0.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	58.5	0.0	53.0	64.3	0.0	53.3	68.2	12.0	12.3	74.0	11.4	9.8
LnGrp LOS	E	A	D	E	A	D	E	B	B	E	B	A
Approach Vol, veh/h		155			230			1370			717	
Approach Delay, s/veh		54.2			58.4			18.0			22.4	
Approach LOS		D			E			B			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	16.5	94.8		28.7	17.7	93.5		28.7				
Change Period (Y+Rc), s	4.4	4.9		4.9	4.4	4.9		4.9				
Max Green Setting (Gmax), s	26.6	59.1		40.1	28.6	57.1		40.1				
Max Q Clear Time (g_c+I1), s	11.3	17.7		15.0	13.1	11.3		22.9				
Green Ext Time (p_c), s	0.3	11.2		0.8	0.3	4.4		1.0				

Intersection Summary	
HCM 6th Ctrl Delay	25.3
HCM 6th LOS	C



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	260	818	132	62	638	312	239	785	66	180	306	164
Future Volume (veh/h)	260	818	132	62	638	312	239	785	66	180	306	164
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.96	1.00		0.97	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	283	889	143	67	693	339	260	853	72	196	333	178
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	309	1643	264	108	1342	603	314	1071	90	249	729	322
Arrive On Green	0.23	0.71	0.71	0.03	0.39	0.39	0.09	0.22	0.22	0.02	0.07	0.07
Sat Flow, veh/h	1781	3062	492	3456	3404	1530	3456	4786	402	3456	3554	1569
Grp Volume(v), veh/h	283	516	516	67	693	339	260	606	319	196	333	178
Grp Sat Flow(s),veh/h/ln	1781	1777	1777	1728	1702	1530	1728	1702	1784	1728	1777	1569
Q Serve(g_s), s	21.7	19.0	19.0	2.7	21.7	24.2	10.4	23.5	23.7	7.9	12.6	15.4
Cycle Q Clear(g_c), s	21.7	19.0	19.0	2.7	21.7	24.2	10.4	23.5	23.7	7.9	12.6	15.4
Prop In Lane	1.00		0.28	1.00		1.00	1.00		0.23	1.00		1.00
Lane Grp Cap(c), veh/h	309	953	953	108	1342	603	314	762	399	249	729	322
V/C Ratio(X)	0.92	0.54	0.54	0.62	0.52	0.56	0.83	0.80	0.80	0.79	0.46	0.55
Avail Cap(c_a), veh/h	428	953	953	163	1342	603	410	875	459	338	840	371
HCM Platoon Ratio	1.33	1.33	1.33	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33
Upstream Filter(I)	0.41	0.41	0.41	1.00	1.00	1.00	1.00	1.00	1.00	0.96	0.96	0.96
Uniform Delay (d), s/veh	52.8	12.0	12.0	67.0	32.3	33.0	62.6	51.3	51.4	67.3	57.8	59.0
Incr Delay (d2), s/veh	9.7	0.9	0.9	5.8	1.4	3.8	10.5	4.5	8.6	8.0	0.4	1.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	10.2	6.4	6.4	1.3	9.3	9.6	5.0	10.5	11.6	3.9	6.1	6.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	62.5	12.9	12.9	72.8	33.7	36.8	73.1	55.8	60.0	75.2	58.2	60.5
LnGrp LOS	E	B	B	E	C	D	E	E	E	E	E	E
Approach Vol, veh/h		1315			1099			1185			707	
Approach Delay, s/veh		23.6			37.0			60.7			63.5	
Approach LOS		C			D			E			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.8	80.5	17.1	33.6	28.7	60.6	14.5	36.2
Change Period (Y+Rc), s	4.4	* 5.4	4.4	4.9	4.4	5.4	4.4	4.9
Max Green Setting (Gmax), s	6.6	* 65	16.6	33.1	33.6	37.6	13.7	36.0
Max Q Clear Time (g_c+I1), s	4.7	21.0	12.4	17.4	23.7	26.2	9.9	25.7
Green Ext Time (p_c), s	0.0	8.7	0.3	2.5	0.6	5.4	0.2	4.4

Intersection Summary	
HCM 6th Ctrl Delay	43.8
HCM 6th LOS	D

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	8.2
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	51	38	97	133	36	39
Future Vol, veh/h	51	38	97	133	36	39
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	55	41	105	145	39	42
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	8.1	8.3	8
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	57%	48%
Vol Thru, %	42%	0%	52%
Vol Right, %	58%	43%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	230	89	75
LT Vol	0	51	36
Through Vol	97	0	39
RT Vol	133	38	0
Lane Flow Rate	250	97	82
Geometry Grp	1	1	1
Degree of Util (X)	0.265	0.121	0.102
Departure Headway (Hd)	3.819	4.485	4.495
Convergence, Y/N	Yes	Yes	Yes
Cap	923	803	801
Service Time	1.915	2.49	2.504
HCM Lane V/C Ratio	0.271	0.121	0.102
HCM Control Delay	8.3	8.1	8
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.1	0.4	0.3

Intersection	
Int Delay, s/veh	2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	56	0	0	127	62	33
Future Vol, veh/h	56	0	0	127	62	33
Conflicting Peds, #/hr	0	10	2	0	0	2
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	61	0	0	138	67	36

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	225	97	105	0	-	0
Stage 1	87	-	-	-	-	-
Stage 2	138	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	763	959	1486	-	-	-
Stage 1	936	-	-	-	-	-
Stage 2	889	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	760	948	1483	-	-	-
Mov Cap-2 Maneuver	760	-	-	-	-	-
Stage 1	934	-	-	-	-	-
Stage 2	887	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.1	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1483	-	760	-	-
HCM Lane V/C Ratio	-	-	0.08	-	-
HCM Control Delay (s)	0	-	10.1	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

Intersection	
Intersection Delay, s/veh	8.1
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	17	144	6	1	131	9	7	3	1	5	4	9
Future Vol, veh/h	17	144	6	1	131	9	7	3	1	5	4	9
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	18	157	7	1	142	10	8	3	1	5	4	10
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.2	8	7.8	7.5
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	64%	10%	1%	28%
Vol Thru, %	27%	86%	93%	22%
Vol Right, %	9%	4%	6%	50%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	11	167	141	18
LT Vol	7	17	1	5
Through Vol	3	144	131	4
RT Vol	1	6	9	9
Lane Flow Rate	12	182	153	20
Geometry Grp	1	1	1	1
Degree of Util (X)	0.016	0.207	0.174	0.024
Departure Headway (Hd)	4.753	4.102	4.088	4.426
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	757	868	869	814
Service Time	2.754	2.159	2.151	2.427
HCM Lane V/C Ratio	0.016	0.21	0.176	0.025
HCM Control Delay	7.8	8.2	8	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0	0.8	0.6	0.1

Intersection	
Int Delay, s/veh	1.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	126	58	4	47	23	19
Future Vol, veh/h	126	58	4	47	23	19
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	137	63	4	51	25	21

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	200	0	228	169
Stage 1	-	-	-	-	169	-
Stage 2	-	-	-	-	59	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1372	-	760	875
Stage 1	-	-	-	-	861	-
Stage 2	-	-	-	-	964	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1372	-	758	875
Mov Cap-2 Maneuver	-	-	-	-	758	-
Stage 1	-	-	-	-	858	-
Stage 2	-	-	-	-	964	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.6	9.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	807	-	-	1372	-
HCM Lane V/C Ratio	0.057	-	-	0.003	-
HCM Control Delay (s)	9.7	-	-	7.6	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.2	-	-	0	-

Intersection	
Intersection Delay, s/veh	8.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	1	68	72	53	48	8	82	41	44	5	43	3
Future Vol, veh/h	1	68	72	53	48	8	82	41	44	5	43	3
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	1	74	78	58	52	9	89	45	48	5	47	3
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.3	8.6	9	8.2
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	49%	1%	49%	10%
Vol Thru, %	25%	48%	44%	84%
Vol Right, %	26%	51%	7%	6%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	167	141	109	51
LT Vol	82	1	53	5
Through Vol	41	68	48	43
RT Vol	44	72	8	3
Lane Flow Rate	182	153	118	55
Geometry Grp	1	1	1	1
Degree of Util (X)	0.23	0.184	0.155	0.073
Departure Headway (Hd)	4.563	4.332	4.719	4.758
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	786	828	759	752
Service Time	2.592	2.362	2.751	2.795
HCM Lane V/C Ratio	0.232	0.185	0.155	0.073
HCM Control Delay	9	8.3	8.6	8.2
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.9	0.7	0.5	0.2

Intersection	
Intersection Delay, s/veh	7.3
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	2	9	7	6	0	0	5	35	13	5	58	0
Future Vol, veh/h	2	9	7	6	0	0	5	35	13	5	58	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	2	10	8	7	0	0	5	38	14	5	63	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.1	7.5	7.2	7.4
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	9%	11%	100%	8%
Vol Thru, %	66%	50%	0%	92%
Vol Right, %	25%	39%	0%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	53	18	6	63
LT Vol	5	2	6	5
Through Vol	35	9	0	58
RT Vol	13	7	0	0
Lane Flow Rate	58	20	7	68
Geometry Grp	1	1	1	1
Degree of Util (X)	0.062	0.021	0.008	0.077
Departure Headway (Hd)	3.902	3.945	4.367	4.038
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	918	901	814	888
Service Time	1.927	1.999	2.423	2.059
HCM Lane V/C Ratio	0.063	0.022	0.009	0.077
HCM Control Delay	7.2	7.1	7.5	7.4
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.2	0.1	0	0.2

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↰	↑↱		↰	↑↱				↱			↱
Traffic Vol, veh/h	64	1120	29	15	1157	14	0	1	25	0	0	93
Future Vol, veh/h	64	1120	29	15	1157	14	0	1	25	0	0	93
Conflicting Peds, #/hr	0	0	3	3	0	0	5	0	0	0	0	5
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	210	-	-	210	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	70	1217	32	16	1258	15	0	1	27	0	0	101

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1273	0	0	1252	0	0	-	2681	628	-	-	642
Stage 1	-	-	-	-	-	-	-	1376	-	-	-	-
Stage 2	-	-	-	-	-	-	-	1305	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	6.54	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	5.54	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	5.54	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	4.02	3.32	-	-	3.32
Pot Cap-1 Maneuver	541	-	-	552	-	-	0	22	426	0	0	417
Stage 1	-	-	-	-	-	-	0	211	-	0	0	-
Stage 2	-	-	-	-	-	-	0	228	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	541	-	-	550	-	-	-	19	425	-	-	415
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	19	-	-	-	-
Stage 1	-	-	-	-	-	-	-	183	-	-	-	-
Stage 2	-	-	-	-	-	-	-	221	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.7	0.1	14	16.4
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	425	541	-	-	550	-	-	415
HCM Lane V/C Ratio	0.064	0.129	-	-	0.03	-	-	0.244
HCM Control Delay (s)	14	12.6	-	-	11.7	-	-	16.4
HCM Lane LOS	B	B	-	-	B	-	-	C
HCM 95th %tile Q(veh)	0.2	0.4	-	-	0.1	-	-	0.9

Existing AM
11: Mt Everest Blvd & Balboa Ave

John Muir School
03/18/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	26	1105	62	51	923	103	179	89	101	33	100	78
Future Volume (veh/h)	26	1105	62	51	923	103	179	89	101	33	100	78
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	28	1201	67	55	1003	112	195	97	110	36	109	85
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	35	1456	81	70	1434	160	199	99	113	42	126	98
Arrive On Green	0.02	0.43	0.43	0.08	0.89	0.89	0.24	0.24	0.24	0.15	0.15	0.15
Sat Flow, veh/h	1781	3422	191	1781	3222	360	844	420	476	271	822	641
Grp Volume(v), veh/h	28	623	645	55	553	562	402	0	0	230	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1836	1781	1777	1805	1739	0	0	1734	0	0
Q Serve(g_s), s	2.2	43.4	43.6	4.2	12.7	12.7	32.1	0.0	0.0	18.1	0.0	0.0
Cycle Q Clear(g_c), s	2.2	43.4	43.6	4.2	12.7	12.7	32.1	0.0	0.0	18.1	0.0	0.0
Prop In Lane	1.00		0.10	1.00		0.20	0.49		0.27	0.16		0.37
Lane Grp Cap(c), veh/h	35	756	781	70	791	803	411	0	0	265	0	0
V/C Ratio(X)	0.79	0.82	0.83	0.78	0.70	0.70	0.98	0.00	0.00	0.87	0.00	0.00
Avail Cap(c_a), veh/h	69	756	781	76	791	803	411	0	0	336	0	0
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.77	0.77	0.77	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	68.3	35.6	35.6	63.9	5.0	5.0	53.1	0.0	0.0	57.9	0.0	0.0
Incr Delay (d2), s/veh	31.2	9.9	9.7	30.7	4.0	3.9	38.4	0.0	0.0	17.4	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.3	20.8	21.5	2.5	3.1	3.1	18.4	0.0	0.0	9.2	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	99.5	45.5	45.3	94.6	8.9	8.9	91.5	0.0	0.0	75.3	0.0	0.0
LnGrp LOS	F	D	D	F	A	A	F	A	A	E	A	A
Approach Vol, veh/h		1296			1170			402			230	
Approach Delay, s/veh		46.6			12.9			91.5			75.3	
Approach LOS		D			B			F			E	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	9.9	65.8		26.3	7.2	68.5		38.0				
Change Period (Y+Rc), s	4.4	* 6.2		4.9	4.4	6.2		4.9				
Max Green Setting (Gmax), s	6.0	* 54		27.1	5.4	54.0		33.1				
Max Q Clear Time (g_c+I1), s	6.2	45.6		20.1	4.2	14.7		34.1				
Green Ext Time (p_c), s	0.0	5.3		0.7	0.0	9.6		0.0				

Intersection Summary			
HCM 6th Ctrl Delay			41.8
HCM 6th LOS			D

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Existing PM
1: Mt Herbert Ave & Genesee Ave

John Muir School
03/12/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	11	1228	138	26	783	15	124	7	41	12	3	11
Future Volume (veh/h)	11	1228	138	26	783	15	124	7	41	12	3	11
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.98	1.00		1.00	0.98		0.99	1.00		0.98
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	12	1335	150	28	851	16	135	8	45	13	3	12
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	22	1760	197	45	2000	38	274	19	59	190	60	120
Arrive On Green	0.01	0.55	0.55	0.03	0.56	0.56	0.17	0.17	0.17	0.17	0.17	0.17
Sat Flow, veh/h	1781	3214	359	1781	3568	67	997	115	350	595	358	715
Grp Volume(v), veh/h	12	734	751	28	424	443	188	0	0	28	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1796	1781	1777	1858	1462	0	0	1667	0	0
Q Serve(g_s), s	0.4	18.6	18.9	0.9	8.0	8.0	6.3	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.4	18.6	18.9	0.9	8.0	8.0	7.1	0.0	0.0	0.8	0.0	0.0
Prop In Lane	1.00		0.20	1.00		0.04	0.72		0.24	0.46		0.43
Lane Grp Cap(c), veh/h	22	973	983	45	996	1041	352	0	0	371	0	0
V/C Ratio(X)	0.56	0.75	0.76	0.63	0.43	0.43	0.53	0.00	0.00	0.08	0.00	0.00
Avail Cap(c_a), veh/h	159	1242	1255	165	1239	1295	827	0	0	860	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	28.6	10.2	10.2	28.1	7.4	7.4	23.0	0.0	0.0	20.5	0.0	0.0
Incr Delay (d2), s/veh	20.5	2.0	2.1	13.6	0.3	0.3	1.3	0.0	0.0	0.1	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	6.1	6.3	0.5	2.4	2.5	2.4	0.0	0.0	0.3	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	49.1	12.2	12.4	41.8	7.7	7.7	24.3	0.0	0.0	20.6	0.0	0.0
LnGrp LOS	D	B	B	D	A	A	C	A	A	C	A	A
Approach Vol, veh/h		1497			895			188			28	
Approach Delay, s/veh		12.6			8.7			24.3			20.6	
Approach LOS		B			A			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	5.9	37.7		14.7	5.1	38.4		14.7				
Change Period (Y+Rc), s	4.4	* 5.8		4.9	4.4	5.8		4.9				
Max Green Setting (Gmax), s	5.4	* 41		29.1	5.2	40.6		29.1				
Max Q Clear Time (g_c+I1), s	2.9	20.9		2.8	2.4	10.0		9.1				
Green Ext Time (p_c), s	0.0	11.0		0.1	0.0	6.3		1.0				

Intersection Summary			
HCM 6th Ctrl Delay			12.2
HCM 6th LOS			B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	46	52	116	141	45	160	162	726	127	200	1064	59
Future Volume (veh/h)	46	52	116	141	45	160	162	726	127	200	1064	59
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	0.99		0.99	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	50	57	126	153	49	174	176	789	138	217	1157	64
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	191	124	274	226	87	307	202	2275	395	244	1932	857
Arrive On Green	0.24	0.24	0.24	0.24	0.24	0.24	0.11	0.52	0.52	0.14	0.54	0.54
Sat Flow, veh/h	1154	513	1134	1191	359	1273	1781	4373	759	1781	3554	1576
Grp Volume(v), veh/h	50	0	183	153	0	223	176	613	314	217	1157	64
Grp Sat Flow(s),veh/h/ln	1154	0	1648	1191	0	1632	1781	1702	1728	1781	1777	1576
Q Serve(g_s), s	5.6	0.0	13.3	17.6	0.0	16.8	13.6	14.7	14.9	16.8	30.8	2.7
Cycle Q Clear(g_c), s	22.4	0.0	13.3	30.9	0.0	16.8	13.6	14.7	14.9	16.8	30.8	2.7
Prop In Lane	1.00		0.69	1.00		0.78	1.00		0.44	1.00		1.00
Lane Grp Cap(c), veh/h	191	0	398	226	0	394	202	1771	899	244	1932	857
V/C Ratio(X)	0.26	0.00	0.46	0.68	0.00	0.57	0.87	0.35	0.35	0.89	0.60	0.07
Avail Cap(c_a), veh/h	227	0	448	263	0	444	313	1771	899	364	1932	857
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.70	0.70	0.70	1.00	1.00	1.00
Uniform Delay (d), s/veh	56.5	0.0	45.3	58.5	0.0	46.7	61.0	19.6	19.7	59.4	21.6	15.2
Incr Delay (d2), s/veh	0.7	0.0	0.8	5.6	0.0	1.3	11.0	0.4	0.8	16.4	1.4	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	0.0	5.6	5.7	0.0	7.0	6.8	6.0	6.2	8.7	13.1	1.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	57.2	0.0	46.2	64.1	0.0	48.0	72.1	20.0	20.4	75.7	23.0	15.4
LnGrp LOS	E	A	D	E	A	D	E	C	C	E	C	B
Approach Vol, veh/h		233			376			1103			1438	
Approach Delay, s/veh		48.5			54.5			28.5			30.6	
Approach LOS		D			D			C			C	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	23.6	77.7		38.7	20.3	81.0		38.7
Change Period (Y+Rc), s	4.4	4.9		4.9	4.4	4.9		4.9
Max Green Setting (Gmax), s	28.6	59.1		38.1	24.6	63.1		38.1
Max Q Clear Time (g_c+I1), s	18.8	16.9		24.4	15.6	32.8		32.9
Green Ext Time (p_c), s	0.4	7.6		1.0	0.3	10.7		0.9

Intersection Summary	
HCM 6th Ctrl Delay	34.0
HCM 6th LOS	C



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	218	891	199	214	809	294	224	482	82	403	687	172
Future Volume (veh/h)	218	891	199	214	809	294	224	482	82	403	687	172
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.96	1.00		0.97	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	237	968	216	233	879	320	243	524	89	438	747	187
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	264	1306	291	281	1412	512	296	825	137	487	865	383
Arrive On Green	0.05	0.15	0.15	0.08	0.39	0.39	0.09	0.19	0.19	0.19	0.32	0.32
Sat Flow, veh/h	1781	2883	642	3456	3654	1324	3456	4385	728	3456	3554	1571
Grp Volume(v), veh/h	237	596	588	233	819	380	243	404	209	438	747	187
Grp Sat Flow(s),veh/h/ln	1781	1777	1748	1728	1702	1574	1728	1702	1710	1728	1777	1571
Q Serve(g_s), s	18.5	44.9	45.1	9.3	27.2	27.4	9.7	15.3	15.8	17.3	27.6	13.4
Cycle Q Clear(g_c), s	18.5	44.9	45.1	9.3	27.2	27.4	9.7	15.3	15.8	17.3	27.6	13.4
Prop In Lane	1.00		0.37	1.00		0.84	1.00		0.43	1.00		1.00
Lane Grp Cap(c), veh/h	264	805	792	281	1315	608	296	640	321	487	865	383
V/C Ratio(X)	0.90	0.74	0.74	0.83	0.62	0.63	0.82	0.63	0.65	0.90	0.86	0.49
Avail Cap(c_a), veh/h	302	805	792	311	1315	608	385	802	403	533	990	438
HCM Platoon Ratio	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00	1.33	1.33	1.33
Upstream Filter(I)	0.12	0.12	0.12	1.00	1.00	1.00	1.00	1.00	1.00	0.75	0.75	0.75
Uniform Delay (d), s/veh	65.5	51.7	51.7	63.3	34.7	34.8	63.0	52.4	52.6	55.9	45.1	40.3
Incr Delay (d2), s/veh	4.4	0.8	0.8	15.5	2.2	4.8	10.5	1.1	2.5	13.6	5.6	0.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.3	21.7	21.4	4.7	11.7	11.3	4.7	6.7	7.1	8.2	12.3	5.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	69.9	52.4	52.5	78.9	36.9	39.6	73.4	53.4	55.1	69.5	50.7	41.1
LnGrp LOS	E	D	D	E	D	D	E	D	E	E	D	D
Approach Vol, veh/h		1421			1432			856			1372	
Approach Delay, s/veh		55.4			44.5			59.5			55.4	
Approach LOS		E			D			E			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.8	68.8	16.4	39.0	25.1	59.5	24.1	31.2
Change Period (Y+Rc), s	4.4	* 5.4	4.4	4.9	4.4	5.4	4.4	4.9
Max Green Setting (Gmax), s	12.6	* 54	15.6	39.0	23.7	42.6	21.6	33.0
Max Q Clear Time (g_c+I1), s	11.3	47.1	11.7	29.6	20.5	29.4	19.3	17.8
Green Ext Time (p_c), s	0.1	4.1	0.3	4.0	0.2	6.8	0.4	3.5

Intersection Summary	
HCM 6th Ctrl Delay	53.0
HCM 6th LOS	D

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	8.4
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	102	34	72	97	43	68
Future Vol, veh/h	102	34	72	97	43	68
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	111	37	78	105	47	74
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	8.7	8.2	8.4
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	75%	39%
Vol Thru, %	43%	0%	61%
Vol Right, %	57%	25%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	169	136	111
LT Vol	0	102	43
Through Vol	72	0	68
RT Vol	97	34	0
Lane Flow Rate	184	148	121
Geometry Grp	1	1	1
Degree of Util (X)	0.208	0.189	0.153
Departure Headway (Hd)	4.084	4.595	4.556
Convergence, Y/N	Yes	Yes	Yes
Cap	880	782	789
Service Time	2.1	2.618	2.575
HCM Lane V/C Ratio	0.209	0.189	0.153
HCM Control Delay	8.2	8.7	8.4
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.8	0.7	0.5

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	30	4	0	91	129	52
Future Vol, veh/h	30	4	0	91	129	52
Conflicting Peds, #/hr	0	10	2	0	0	2
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	33	4	0	99	140	57

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	270	181	199	0	-	0
Stage 1	171	-	-	-	-	-
Stage 2	99	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	719	862	1373	-	-	-
Stage 1	859	-	-	-	-	-
Stage 2	925	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	716	852	1370	-	-	-
Mov Cap-2 Maneuver	716	-	-	-	-	-
Stage 1	857	-	-	-	-	-
Stage 2	923	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.2	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1370	-	730	-	-
HCM Lane V/C Ratio	-	-	0.051	-	-
HCM Control Delay (s)	0	-	10.2	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

Intersection	
Intersection Delay, s/veh	8.2
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	4	119	4	3	161	16	10	10	3	7	10	8
Future Vol, veh/h	4	119	4	3	161	16	10	10	3	7	10	8
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	129	4	3	175	17	11	11	3	8	11	9
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.1	8.3	7.9	7.7
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	43%	3%	2%	28%
Vol Thru, %	43%	94%	89%	40%
Vol Right, %	13%	3%	9%	32%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	23	127	180	25
LT Vol	10	4	3	7
Through Vol	10	119	161	10
RT Vol	3	4	16	8
Lane Flow Rate	25	138	196	27
Geometry Grp	1	1	1	1
Degree of Util (X)	0.033	0.16	0.222	0.034
Departure Headway (Hd)	4.701	4.16	4.079	4.554
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	766	850	871	790
Service Time	2.702	2.244	2.153	2.556
HCM Lane V/C Ratio	0.033	0.162	0.225	0.034
HCM Control Delay	7.9	8.1	8.3	7.7
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	0.6	0.8	0.1

Intersection	
Int Delay, s/veh	2.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	78	28	21	112	52	14
Future Vol, veh/h	78	28	21	112	52	14
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	85	30	23	122	57	15

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	115	0	268	100
Stage 1	-	-	-	-	100	-
Stage 2	-	-	-	-	168	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1474	-	721	956
Stage 1	-	-	-	-	924	-
Stage 2	-	-	-	-	862	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1474	-	709	956
Mov Cap-2 Maneuver	-	-	-	-	709	-
Stage 1	-	-	-	-	908	-
Stage 2	-	-	-	-	862	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1.2	10.3
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	750	-	-	1474	-
HCM Lane V/C Ratio	0.096	-	-	0.015	-
HCM Control Delay (s)	10.3	-	-	7.5	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.3	-	-	0	-

Intersection	
Intersection Delay, s/veh	9
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	4	71	50	105	64	10	59	47	62	14	27	0
Future Vol, veh/h	4	71	50	105	64	10	59	47	62	14	27	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	77	54	114	70	11	64	51	67	15	29	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.4	9.4	9.1	8.4
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	35%	3%	59%	34%
Vol Thru, %	28%	57%	36%	66%
Vol Right, %	37%	40%	6%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	168	125	179	41
LT Vol	59	4	105	14
Through Vol	47	71	64	27
RT Vol	62	50	10	0
Lane Flow Rate	183	136	195	45
Geometry Grp	1	1	1	1
Degree of Util (X)	0.234	0.169	0.255	0.062
Departure Headway (Hd)	4.607	4.475	4.713	5
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	778	799	761	713
Service Time	2.649	2.518	2.754	3.052
HCM Lane V/C Ratio	0.235	0.17	0.256	0.063
HCM Control Delay	9.1	8.4	9.4	8.4
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.9	0.6	1	0.2

Intersection	
Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	1	2	1	4	5	1	6	83	9	3	40	3
Future Vol, veh/h	1	2	1	4	5	1	6	83	9	3	40	3
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	1	2	1	4	5	1	7	90	10	3	43	3
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.2	7.3	7.5	7.3
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	6%	25%	40%	7%
Vol Thru, %	85%	50%	50%	87%
Vol Right, %	9%	25%	10%	7%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	98	4	10	46
LT Vol	6	1	4	3
Through Vol	83	2	5	40
RT Vol	9	1	1	3
Lane Flow Rate	107	4	11	50
Geometry Grp	1	1	1	1
Degree of Util (X)	0.117	0.005	0.013	0.056
Departure Headway (Hd)	3.955	4.112	4.227	4.015
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	908	861	839	892
Service Time	1.973	2.18	2.293	2.041
HCM Lane V/C Ratio	0.118	0.005	0.013	0.056
HCM Control Delay	7.5	7.2	7.3	7.3
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.4	0	0	0.2

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	128	1376	60	28	1169	19	0	0	15	2	0	49
Future Vol, veh/h	128	1376	60	28	1169	19	0	0	15	2	0	49
Conflicting Peds, #/hr	0	0	3	3	0	0	5	0	0	0	0	5
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	210	-	-	210	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	139	1496	65	30	1271	21	0	0	16	2	0	53

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1292	0	0	1564	0	0	-	-	784	2368	-	651
Stage 1	-	-	-	-	-	-	-	-	-	1342	-	-
Stage 2	-	-	-	-	-	-	-	-	-	1026	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94	7.54	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	6.54	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	6.54	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32	3.52	-	3.32
Pot Cap-1 Maneuver	532	-	-	418	-	-	0	0	336	18	0	411
Stage 1	-	-	-	-	-	-	0	0	-	160	0	-
Stage 2	-	-	-	-	-	-	0	0	-	251	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	532	-	-	417	-	-	-	-	335	13	-	409
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	13	-	-
Stage 1	-	-	-	-	-	-	-	-	-	118	-	-
Stage 2	-	-	-	-	-	-	-	-	-	176	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.2	0.3	16.3	15.1
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	335	532	-	-	417	-	-	409
HCM Lane V/C Ratio	0.049	0.262	-	-	0.073	-	-	0.13
HCM Control Delay (s)	16.3	14.1	-	-	14.3	-	-	15.1
HCM Lane LOS	C	B	-	-	B	-	-	C
HCM 95th %tile Q(veh)	0.2	1	-	-	0.2	-	-	0.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	32	1261	148	92	1133	74	82	52	49	51	98	112
Future Volume (veh/h)	32	1261	148	92	1133	74	82	52	49	51	98	112
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	35	1371	161	100	1232	80	89	57	53	55	107	122
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	45	1570	183	84	1733	112	106	68	63	60	117	133
Arrive On Green	0.03	0.49	0.49	0.02	0.17	0.17	0.14	0.14	0.14	0.18	0.18	0.18
Sat Flow, veh/h	1781	3205	374	1781	3387	220	779	499	464	332	646	736
Grp Volume(v), veh/h	35	756	776	100	645	667	199	0	0	284	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1802	1781	1777	1830	1742	0	0	1714	0	0
Q Serve(g_s), s	2.7	52.9	54.0	6.6	48.0	48.2	15.6	0.0	0.0	22.8	0.0	0.0
Cycle Q Clear(g_c), s	2.7	52.9	54.0	6.6	48.0	48.2	15.6	0.0	0.0	22.8	0.0	0.0
Prop In Lane	1.00		0.21	1.00		0.12	0.45		0.27	0.19		0.43
Lane Grp Cap(c), veh/h	45	870	882	84	909	936	238	0	0	310	0	0
V/C Ratio(X)	0.78	0.87	0.88	1.19	0.71	0.71	0.84	0.00	0.00	0.92	0.00	0.00
Avail Cap(c_a), veh/h	84	870	882	84	909	936	337	0	0	332	0	0
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.70	0.70	0.70	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	67.9	31.7	32.0	68.9	48.4	48.4	58.9	0.0	0.0	56.3	0.0	0.0
Incr Delay (d2), s/veh	24.6	11.5	12.2	142.4	3.3	3.2	11.9	0.0	0.0	28.1	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	25.1	26.1	6.4	23.8	24.6	7.7	0.0	0.0	12.3	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	92.5	43.2	44.2	211.3	51.7	51.7	70.8	0.0	0.0	84.4	0.0	0.0
LnGrp LOS	F	D	D	F	D	D	E	A	A	F	A	A
Approach Vol, veh/h		1567			1412			199			284	
Approach Delay, s/veh		44.8			63.0			70.8			84.4	
Approach LOS		D			E			E			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	11.0	74.8		30.2	7.9	77.8		24.0				
Change Period (Y+Rc), s	4.4	* 6.2		4.9	4.4	6.2		4.9				
Max Green Setting (Gmax), s	6.6	* 60		27.1	6.6	58.8		27.1				
Max Q Clear Time (g_c+I1), s	8.6	56.0		24.8	4.7	50.2		17.6				
Green Ext Time (p_c), s	0.0	2.9		0.4	0.0	5.4		0.7				

Intersection Summary	
HCM 6th Ctrl Delay	57.0
HCM 6th LOS	E

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

APPENDIX E

EXISTING + PROJECT INTERSECTION ANALYSIS WORKSHEETS

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	9	516	126	26	1037	14	220	6	46	22	6	36
Future Volume (veh/h)	9	516	126	26	1037	14	220	6	46	22	6	36
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.98	1.00		0.99	0.99		1.00	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	10	561	137	28	1127	15	239	7	50	24	7	39
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	19	1135	276	46	1502	20	434	12	64	207	86	245
Arrive On Green	0.01	0.40	0.40	0.03	0.42	0.42	0.26	0.26	0.26	0.26	0.26	0.26
Sat Flow, veh/h	1781	2818	686	1781	3590	48	1147	47	243	413	329	934
Grp Volume(v), veh/h	10	353	345	28	558	584	296	0	0	70	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1727	1781	1777	1861	1437	0	0	1677	0	0
Q Serve(g_s), s	0.3	7.2	7.3	0.8	13.0	13.0	7.6	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.3	7.2	7.3	0.8	13.0	13.0	9.2	0.0	0.0	1.6	0.0	0.0
Prop In Lane	1.00		0.40	1.00		0.03	0.81		0.17	0.34		0.56
Lane Grp Cap(c), veh/h	19	716	696	46	743	779	510	0	0	538	0	0
V/C Ratio(X)	0.54	0.49	0.50	0.61	0.75	0.75	0.58	0.00	0.00	0.13	0.00	0.00
Avail Cap(c_a), veh/h	190	928	902	204	931	976	973	0	0	1041	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	24.0	10.9	10.9	23.5	12.0	12.0	16.5	0.0	0.0	13.9	0.0	0.0
Incr Delay (d2), s/veh	22.3	0.5	0.5	12.2	2.6	2.5	1.1	0.0	0.0	0.1	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	2.4	2.3	0.4	4.6	4.8	2.8	0.0	0.0	0.5	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	46.3	11.4	11.4	35.7	14.7	14.6	17.6	0.0	0.0	14.0	0.0	0.0
LnGrp LOS	D	B	B	D	B	B	B	A	A	B	A	A
Approach Vol, veh/h		708			1170			296			70	
Approach Delay, s/veh		11.9			15.1			17.6			14.0	
Approach LOS		B			B			B			B	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	5.7	25.5		17.7	4.9	26.2		17.7				
Change Period (Y+Rc), s	4.4	* 5.8		4.9	4.4	5.8		4.9				
Max Green Setting (Gmax), s	5.6	* 26		29.1	5.2	25.6		29.1				
Max Q Clear Time (g_c+I1), s	2.8	9.3		3.6	2.3	15.0		11.2				
Green Ext Time (p_c), s	0.0	4.1		0.3	0.0	5.4		1.7				

Intersection Summary	
HCM 6th Ctrl Delay	14.4
HCM 6th LOS	B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	31	38	101	98	20	93	173	972	156	118	527	42
Future Volume (veh/h)	31	38	101	98	20	93	173	972	156	118	527	42
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.99		0.98	0.99		0.99	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	34	41	110	107	22	101	188	1057	170	128	573	46
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	206	84	225	182	55	251	215	2761	443	154	2092	928
Arrive On Green	0.19	0.19	0.19	0.19	0.19	0.19	0.12	0.62	0.62	0.09	0.59	0.59
Sat Flow, veh/h	1261	443	1189	1223	290	1329	1781	4430	712	1781	3554	1577
Grp Volume(v), veh/h	34	0	151	107	0	123	188	812	415	128	573	46
Grp Sat Flow(s),veh/h/ln	1261	0	1632	1223	0	1619	1781	1702	1738	1781	1777	1577
Q Serve(g_s), s	3.4	0.0	11.6	12.0	0.0	9.3	14.5	16.5	16.6	9.9	11.1	1.7
Cycle Q Clear(g_c), s	12.7	0.0	11.6	23.6	0.0	9.3	14.5	16.5	16.6	9.9	11.1	1.7
Prop In Lane	1.00		0.73	1.00		0.82	1.00		0.41	1.00		1.00
Lane Grp Cap(c), veh/h	206	0	309	182	0	306	215	2121	1083	154	2092	928
V/C Ratio(X)	0.17	0.00	0.49	0.59	0.00	0.40	0.87	0.38	0.38	0.83	0.27	0.05
Avail Cap(c_a), veh/h	329	0	467	301	0	464	364	2121	1083	338	2092	928
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.49	0.49	0.49	1.00	1.00	1.00
Uniform Delay (d), s/veh	55.4	0.0	50.7	61.3	0.0	49.8	60.5	13.1	13.1	63.0	14.1	12.2
Incr Delay (d2), s/veh	0.4	0.0	1.2	3.0	0.0	0.9	6.2	0.3	0.5	11.0	0.3	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.1	0.0	4.9	3.9	0.0	3.9	6.9	6.3	6.6	5.0	4.6	0.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	55.8	0.0	51.9	64.3	0.0	50.7	66.7	13.3	13.6	74.0	14.4	12.3
LnGrp LOS	E	A	D	E	A	D	E	B	B	E	B	B
Approach Vol, veh/h		185			230			1415			747	
Approach Delay, s/veh		52.6			57.0			20.5			24.5	
Approach LOS		D			E			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	6.5	92.1		31.4	21.3	87.3		31.4				
Change Period (Y+Rc), s	4.4	4.9		4.9	4.4	4.9		4.9				
Max Green Setting (Gmax), s	26.6	59.1		40.1	28.6	57.1		40.1				
Max Q Clear Time (g_c+I1), s	11.3	18.6		14.7	16.5	13.1		25.6				
Green Ext Time (p_c), s	0.3	11.2		1.0	0.4	4.6		0.9				

Intersection Summary	
HCM 6th Ctrl Delay	27.2
HCM 6th LOS	C



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	260	818	132	62	662	320	239	818	66	207	333	164
Future Volume (veh/h)	260	818	132	62	662	320	239	818	66	207	333	164
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.96	1.00		0.97	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	283	889	143	67	720	348	260	889	72	225	362	178
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	309	1607	258	108	1302	584	314	1092	88	278	771	341
Arrive On Green	0.23	0.70	0.70	0.03	0.38	0.38	0.09	0.23	0.23	0.03	0.07	0.07
Sat Flow, veh/h	1781	3061	492	3456	3404	1528	3456	4804	388	3456	3554	1570
Grp Volume(v), veh/h	283	516	516	67	720	348	260	629	332	225	362	178
Grp Sat Flow(s),veh/h/ln	1781	1777	1777	1728	1702	1528	1728	1702	1788	1728	1777	1570
Q Serve(g_s), s	21.7	20.0	20.0	2.7	23.2	25.5	10.4	24.5	24.7	9.1	13.7	15.3
Cycle Q Clear(g_c), s	21.7	20.0	20.0	2.7	23.2	25.5	10.4	24.5	24.7	9.1	13.7	15.3
Prop In Lane	1.00		0.28	1.00		1.00	1.00		0.22	1.00		1.00
Lane Grp Cap(c), veh/h	309	932	933	108	1302	584	314	774	406	278	771	341
V/C Ratio(X)	0.92	0.55	0.55	0.62	0.55	0.60	0.83	0.81	0.82	0.81	0.47	0.52
Avail Cap(c_a), veh/h	428	932	933	163	1302	584	410	875	460	338	840	371
HCM Platoon Ratio	1.33	1.33	1.33	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33
Upstream Filter(I)	0.35	0.35	0.35	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.95	0.95
Uniform Delay (d), s/veh	52.8	13.1	13.1	67.0	33.9	34.6	62.6	51.3	51.3	67.1	57.3	58.0
Incr Delay (d2), s/veh	8.5	0.8	0.8	5.8	1.7	4.4	10.5	5.3	10.0	11.0	0.4	1.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	10.1	6.9	6.9	1.3	10.0	10.2	5.0	11.0	12.2	4.6	6.6	6.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	61.3	13.9	13.9	72.8	35.6	39.0	73.1	56.6	61.3	78.1	57.7	59.2
LnGrp LOS	E	B	B	E	D	D	E	E	E	E	E	E
Approach Vol, veh/h		1315			1135			1221			765	
Approach Delay, s/veh		24.1			38.8			61.4			64.0	
Approach LOS		C			D			E			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.8	78.9	17.1	35.3	28.7	58.9	15.7	36.7
Change Period (Y+Rc), s	4.4	* 5.4	4.4	4.9	4.4	5.4	4.4	4.9
Max Green Setting (Gmax), s	6.6	* 65	16.6	33.1	33.6	37.6	13.7	36.0
Max Q Clear Time (g_c+I1), s	4.7	22.0	12.4	17.3	23.7	27.5	11.1	26.7
Green Ext Time (p_c), s	0.0	8.7	0.3	2.7	0.6	5.1	0.2	4.3

Intersection Summary	
HCM 6th Ctrl Delay	45.0
HCM 6th LOS	D

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	9.1
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	75	81	113	149	68	64
Future Vol, veh/h	75	81	113	149	68	64
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	82	88	123	162	74	70
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	9	9.3	8.9
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	48%	52%
Vol Thru, %	43%	0%	48%
Vol Right, %	57%	52%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	262	156	132
LT Vol	0	75	68
Through Vol	113	0	64
RT Vol	149	81	0
Lane Flow Rate	285	170	143
Geometry Grp	1	1	1
Degree of Util (X)	0.33	0.219	0.189
Departure Headway (Hd)	4.171	4.652	4.742
Convergence, Y/N	Yes	Yes	Yes
Cap	863	770	756
Service Time	2.198	2.688	2.776
HCM Lane V/C Ratio	0.33	0.221	0.189
HCM Control Delay	9.3	9	8.9
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.4	0.8	0.7

Intersection	
Int Delay, s/veh	1.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	56	0	0	159	111	33
Future Vol, veh/h	56	0	0	159	111	33
Conflicting Peds, #/hr	0	10	2	0	0	2
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	61	0	0	173	121	36

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	314	151	159	0	-	0
Stage 1	141	-	-	-	-	-
Stage 2	173	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	679	895	1420	-	-	-
Stage 1	886	-	-	-	-	-
Stage 2	857	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	676	885	1417	-	-	-
Mov Cap-2 Maneuver	676	-	-	-	-	-
Stage 1	884	-	-	-	-	-
Stage 2	855	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.9	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1417	-	676	-	-
HCM Lane V/C Ratio	-	-	0.09	-	-
HCM Control Delay (s)	0	-	10.9	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

Intersection	
Intersection Delay, s/veh	8.9
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	17	193	6	1	236	9	7	3	1	5	4	9
Future Vol, veh/h	17	193	6	1	236	9	7	3	1	5	4	9
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	18	210	7	1	257	10	8	3	1	5	4	10
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.9	9.1	8.2	7.9
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	64%	8%	0%	28%
Vol Thru, %	27%	89%	96%	22%
Vol Right, %	9%	3%	4%	50%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	11	216	246	18
LT Vol	7	17	1	5
Through Vol	3	193	236	4
RT Vol	1	6	9	9
Lane Flow Rate	12	235	267	20
Geometry Grp	1	1	1	1
Degree of Util (X)	0.017	0.273	0.308	0.026
Departure Headway (Hd)	5.118	4.189	4.144	4.787
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	703	845	856	752
Service Time	3.119	2.279	2.229	2.788
HCM Lane V/C Ratio	0.017	0.278	0.312	0.027
HCM Control Delay	8.2	8.9	9.1	7.9
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	1.1	1.3	0.1

Intersection	
Int Delay, s/veh	1.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	158	75	4	136	39	19
Future Vol, veh/h	158	75	4	136	39	19
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	172	82	4	148	42	21

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	254	0	369	213
Stage 1	-	-	-	-	213	-
Stage 2	-	-	-	-	156	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1311	-	631	827
Stage 1	-	-	-	-	823	-
Stage 2	-	-	-	-	872	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1311	-	629	827
Mov Cap-2 Maneuver	-	-	-	-	629	-
Stage 1	-	-	-	-	821	-
Stage 2	-	-	-	-	872	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	10.8
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	683	-	-	1311	-
HCM Lane V/C Ratio	0.092	-	-	0.003	-
HCM Control Delay (s)	10.8	-	-	7.8	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.3	-	-	0	-

Intersection	
Intersection Delay, s/veh	9.5
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	1	95	77	53	89	8	130	41	44	5	43	3
Future Vol, veh/h	1	95	77	53	89	8	130	41	44	5	43	3
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	1	103	84	58	97	9	141	45	48	5	47	3
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	9.1	9.4	10.1	8.6
HCM LOS	A	A	B	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	60%	1%	35%	10%
Vol Thru, %	19%	55%	59%	84%
Vol Right, %	20%	45%	5%	6%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	215	173	150	51
LT Vol	130	1	53	5
Through Vol	41	95	89	43
RT Vol	44	77	8	3
Lane Flow Rate	234	188	163	55
Geometry Grp	1	1	1	1
Degree of Util (X)	0.314	0.24	0.222	0.078
Departure Headway (Hd)	4.83	4.589	4.912	5.056
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	741	779	727	703
Service Time	2.886	2.645	2.971	3.128
HCM Lane V/C Ratio	0.316	0.241	0.224	0.078
HCM Control Delay	10.1	9.1	9.4	8.6
HCM Lane LOS	B	A	A	A
HCM 95th-tile Q	1.3	0.9	0.8	0.3

Intersection	
Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	2	9	7	6	0	0	5	51	13	5	74	0
Future Vol, veh/h	2	9	7	6	0	0	5	51	13	5	74	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	2	10	8	7	0	0	5	55	14	5	80	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.2	7.5	7.3	7.5
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	7%	11%	100%	6%
Vol Thru, %	74%	50%	0%	94%
Vol Right, %	19%	39%	0%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	69	18	6	79
LT Vol	5	2	6	5
Through Vol	51	9	0	74
RT Vol	13	7	0	0
Lane Flow Rate	75	20	7	86
Geometry Grp	1	1	1	1
Degree of Util (X)	0.082	0.022	0.008	0.097
Departure Headway (Hd)	3.944	4.005	4.427	4.048
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	907	884	800	884
Service Time	1.976	2.075	2.5	2.075
HCM Lane V/C Ratio	0.083	0.023	0.009	0.097
HCM Control Delay	7.3	7.2	7.5	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.3	0.1	0	0.3

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↰	↑↕		↰	↑↕				↱			↱
Traffic Vol, veh/h	80	1144	29	15	1162	14	0	0	25	0	0	109
Future Vol, veh/h	80	1144	29	15	1162	14	0	0	25	0	0	109
Conflicting Peds, #/hr	0	0	3	3	0	0	5	0	0	0	0	5
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	210	-	-	210	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	87	1243	32	16	1263	15	0	0	27	0	0	118

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1278	0	0	1278	0	0	-	-	641	-	-	644
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	539	-	-	539	-	-	0	0	417	0	0	416
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	539	-	-	537	-	-	-	-	416	-	-	414
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.8	0.2	14.3	17.1
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	416	539	-	-	537	-	-	414
HCM Lane V/C Ratio	0.065	0.161	-	-	0.03	-	-	0.286
HCM Control Delay (s)	14.3	13	-	-	11.9	-	-	17.1
HCM Lane LOS	B	B	-	-	B	-	-	C
HCM 95th %tile Q(veh)	0.2	0.6	-	-	0.1	-	-	1.2

Existing + Proj AM
11: Mt Everest Blvd & Balboa Ave

John Muir School
03/12/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	50	1105	62	51	923	127	179	89	101	33	100	83
Future Volume (veh/h)	50	1105	62	51	923	127	179	89	101	33	100	83
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	54	1201	67	55	1003	138	195	97	110	36	109	90
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	70	1446	81	70	1327	182	199	99	113	41	125	103
Arrive On Green	0.04	0.42	0.42	0.08	0.85	0.85	0.24	0.24	0.24	0.16	0.16	0.16
Sat Flow, veh/h	1781	3422	191	1781	3137	431	844	420	476	265	803	663
Grp Volume(v), veh/h	54	623	645	55	568	573	402	0	0	235	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1835	1781	1777	1792	1739	0	0	1730	0	0
Q Serve(g_s), s	4.2	43.7	43.8	4.2	19.1	19.1	32.1	0.0	0.0	18.6	0.0	0.0
Cycle Q Clear(g_c), s	4.2	43.7	43.8	4.2	19.1	19.1	32.1	0.0	0.0	18.6	0.0	0.0
Prop In Lane	1.00		0.10	1.00		0.24	0.49		0.27	0.15		0.38
Lane Grp Cap(c), veh/h	70	751	776	70	752	758	411	0	0	269	0	0
V/C Ratio(X)	0.78	0.83	0.83	0.78	0.76	0.76	0.98	0.00	0.00	0.87	0.00	0.00
Avail Cap(c_a), veh/h	122	751	776	122	752	758	411	0	0	335	0	0
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.74	0.74	0.74	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	66.7	35.9	36.0	63.9	7.7	7.7	53.1	0.0	0.0	57.7	0.0	0.0
Incr Delay (d2), s/veh	16.7	10.3	10.1	13.0	5.2	5.2	38.4	0.0	0.0	18.4	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.2	20.9	21.6	2.1	4.3	4.4	18.4	0.0	0.0	9.5	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	83.3	46.2	46.1	76.8	12.9	12.9	91.5	0.0	0.0	76.1	0.0	0.0
LnGrp LOS	F	D	D	E	B	B	F	A	A	E	A	A
Approach Vol, veh/h		1322			1196			402			235	
Approach Delay, s/veh		47.7			15.8			91.5			76.1	
Approach LOS		D			B			F			E	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	9.9	65.4		26.7	9.9	65.4		38.0				
Change Period (Y+Rc), s	4.4	* 6.2		4.9	4.4	6.2		4.9				
Max Green Setting (Gmax), s	9.6	* 51		27.1	9.6	49.8		33.1				
Max Q Clear Time (g_c+I1), s	6.2	45.8		20.6	6.2	21.1		34.1				
Green Ext Time (p_c), s	0.0	3.3		0.7	0.0	9.2		0.0				

Intersection Summary			
HCM 6th Ctrl Delay		43.3	
HCM 6th LOS		D	

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Existing + Proj PM
1: Mt Herbert Ave & Genesee Ave

John Muir School
03/12/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	11	1228	171	26	783	15	166	7	76	12	3	11
Future Volume (veh/h)	11	1228	171	26	783	15	166	7	76	12	3	11
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.98	1.00		1.00	0.99		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	12	1335	186	28	851	16	180	8	83	13	3	12
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	21	1644	227	43	1920	36	301	17	101	214	65	151
Arrive On Green	0.01	0.53	0.53	0.02	0.54	0.54	0.22	0.22	0.22	0.22	0.22	0.22
Sat Flow, veh/h	1781	3126	432	1781	3568	67	942	74	449	604	289	670
Grp Volume(v), veh/h	12	754	767	28	424	443	271	0	0	28	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1781	1781	1777	1858	1465	0	0	1563	0	0
Q Serve(g_s), s	0.5	23.5	24.1	1.0	9.7	9.7	10.9	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.5	23.5	24.1	1.0	9.7	9.7	11.8	0.0	0.0	0.9	0.0	0.0
Prop In Lane	1.00		0.24	1.00		0.04	0.66		0.31	0.46		0.43
Lane Grp Cap(c), veh/h	21	935	937	43	956	1000	419	0	0	430	0	0
V/C Ratio(X)	0.56	0.81	0.82	0.65	0.44	0.44	0.65	0.00	0.00	0.07	0.00	0.00
Avail Cap(c_a), veh/h	138	1077	1079	143	1074	1123	720	0	0	733	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	33.0	13.1	13.3	32.5	9.4	9.4	24.6	0.0	0.0	20.5	0.0	0.0
Incr Delay (d2), s/veh	21.3	4.1	4.5	15.2	0.3	0.3	1.7	0.0	0.0	0.1	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	8.9	9.2	0.6	3.3	3.4	4.0	0.0	0.0	0.3	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	54.3	17.2	17.8	47.7	9.7	9.7	26.3	0.0	0.0	20.6	0.0	0.0
LnGrp LOS	D	B	B	D	A	A	C	A	A	C	A	A
Approach Vol, veh/h		1533			895			271			28	
Approach Delay, s/veh		17.8			10.9			26.3			20.6	
Approach LOS		B			B			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	6.0	41.1		20.0	5.2	42.0		20.0				
Change Period (Y+Rc), s	4.4	* 5.8		4.9	4.4	5.8		4.9				
Max Green Setting (Gmax), s	5.4	* 41		29.1	5.2	40.6		29.1				
Max Q Clear Time (g_c+I1), s	3.0	26.1		2.9	2.5	11.7		13.8				
Green Ext Time (p_c), s	0.0	9.2		0.1	0.0	6.2		1.4				

Intersection Summary			
HCM 6th Ctrl Delay		16.4	
HCM 6th LOS		B	

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	46	52	151	141	45	160	186	726	127	200	1099	59
Future Volume (veh/h)	46	52	151	141	45	160	186	726	127	200	1099	59
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	0.99		0.99	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	50	57	164	153	49	174	202	789	138	217	1195	64
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	220	111	318	221	94	335	228	2182	379	244	1805	800
Arrive On Green	0.26	0.26	0.26	0.26	0.26	0.26	0.13	0.50	0.50	0.14	0.51	0.51
Sat Flow, veh/h	1154	421	1212	1152	359	1274	1781	4373	759	1781	3554	1576
Grp Volume(v), veh/h	50	0	221	153	0	223	202	613	314	217	1195	64
Grp Sat Flow(s),veh/h/ln	1154	0	1634	1152	0	1632	1781	1702	1727	1781	1777	1576
Q Serve(g_s), s	5.4	0.0	16.1	18.3	0.0	16.3	15.6	15.4	15.6	16.8	34.9	2.9
Cycle Q Clear(g_c), s	21.7	0.0	16.1	34.4	0.0	16.3	15.6	15.4	15.6	16.8	34.9	2.9
Prop In Lane	1.00		0.74	1.00		0.78	1.00		0.44	1.00		1.00
Lane Grp Cap(c), veh/h	220	0	429	221	0	429	228	1698	862	244	1805	800
V/C Ratio(X)	0.23	0.00	0.51	0.69	0.00	0.52	0.89	0.36	0.36	0.89	0.66	0.08
Avail Cap(c_a), veh/h	231	0	445	232	0	444	313	1698	862	364	1805	800
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.68	0.68	0.68	1.00	1.00	1.00
Uniform Delay (d), s/veh	53.4	0.0	44.0	58.7	0.0	44.1	60.0	21.4	21.5	59.4	25.5	17.7
Incr Delay (d2), s/veh	0.5	0.0	1.0	8.0	0.0	1.0	14.5	0.4	0.8	16.4	1.9	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	0.0	6.7	5.8	0.0	6.8	8.0	6.3	6.6	8.7	15.1	1.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	53.9	0.0	45.0	66.7	0.0	45.1	74.5	21.8	22.3	75.7	27.5	17.9
LnGrp LOS	D	A	D	E	A	D	E	C	C	E	C	B
Approach Vol, veh/h		271			376			1129			1476	
Approach Delay, s/veh		46.6			53.9			31.4			34.1	
Approach LOS		D			D			C			C	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	23.6	74.7		41.7	22.3	76.0		41.7
Change Period (Y+Rc), s	4.4	4.9		4.9	4.4	4.9		4.9
Max Green Setting (Gmax), s	23.6	59.1		38.1	24.6	63.1		38.1
Max Q Clear Time (g_c+I1), s	18.8	17.6		23.7	17.6	36.9		36.4
Green Ext Time (p_c), s	0.4	7.6		1.3	0.3	10.5		0.3

Intersection Summary	
HCM 6th Ctrl Delay	36.5
HCM 6th LOS	D



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	218	891	199	214	823	299	224	501	82	438	722	172
Future Volume (veh/h)	218	891	199	214	823	299	224	501	82	438	722	172
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.96	1.00		0.97	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	237	968	216	233	895	325	243	545	89	476	785	187
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	264	1272	283	281	1369	495	296	840	134	519	907	401
Arrive On Green	0.05	0.15	0.15	0.08	0.37	0.37	0.09	0.19	0.19	0.20	0.34	0.34
Sat Flow, veh/h	1781	2882	642	3456	3655	1322	3456	4413	706	3456	3554	1572
Grp Volume(v), veh/h	237	596	588	233	833	387	243	418	216	476	785	187
Grp Sat Flow(s),veh/h/ln	1781	1777	1748	1728	1702	1573	1728	1702	1715	1728	1777	1572
Q Serve(g_s), s	18.5	45.1	45.3	9.3	28.4	28.5	9.7	15.9	16.4	18.9	28.9	13.1
Cycle Q Clear(g_c), s	18.5	45.1	45.3	9.3	28.4	28.5	9.7	15.9	16.4	18.9	28.9	13.1
Prop In Lane	1.00		0.37	1.00		0.84	1.00		0.41	1.00		1.00
Lane Grp Cap(c), veh/h	264	784	771	281	1275	589	296	648	327	519	907	401
V/C Ratio(X)	0.90	0.76	0.76	0.83	0.65	0.66	0.82	0.64	0.66	0.92	0.87	0.47
Avail Cap(c_a), veh/h	302	784	771	311	1275	589	385	802	404	533	990	438
HCM Platoon Ratio	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00	1.33	1.33	1.33
Upstream Filter(I)	0.15	0.15	0.15	1.00	1.00	1.00	1.00	1.00	1.00	0.70	0.70	0.70
Uniform Delay (d), s/veh	65.5	52.7	52.7	63.3	36.2	36.3	63.0	52.3	52.5	55.1	44.0	38.8
Incr Delay (d2), s/veh	5.4	1.1	1.1	15.5	2.6	5.6	10.5	1.2	2.9	15.6	5.5	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.3	21.9	21.6	4.7	12.3	11.9	4.7	6.9	7.3	9.1	12.8	4.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	70.9	53.8	53.9	78.9	38.9	41.9	73.4	53.5	55.4	70.8	49.5	39.3
LnGrp LOS	E	D	D	E	D	D	E	D	E	E	D	D
Approach Vol, veh/h		1421			1453			877			1448	
Approach Delay, s/veh		56.7			46.1			59.5			55.2	
Approach LOS		E			D			E			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.8	67.2	16.4	40.6	25.1	57.9	25.4	31.6
Change Period (Y+Rc), s	4.4	* 5.4	4.4	4.9	4.4	5.4	4.4	4.9
Max Green Setting (Gmax), s	12.6	* 54	15.6	39.0	23.7	42.6	21.6	33.0
Max Q Clear Time (g_c+I1), s	11.3	47.3	11.7	30.9	20.5	30.5	20.9	18.4
Green Ext Time (p_c), s	0.1	4.0	0.3	3.7	0.2	6.5	0.2	3.6

Intersection Summary	
HCM 6th Ctrl Delay	53.8
HCM 6th LOS	D

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	9.2
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	116	90	93	118	62	82
Future Vol, veh/h	116	90	93	118	62	82
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	126	98	101	128	67	89
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	9.6	9	9.1
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	56%	43%
Vol Thru, %	44%	0%	57%
Vol Right, %	56%	44%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	211	206	144
LT Vol	0	116	62
Through Vol	93	0	82
RT Vol	118	90	0
Lane Flow Rate	229	224	157
Geometry Grp	1	1	1
Degree of Util (X)	0.276	0.289	0.209
Departure Headway (Hd)	4.331	4.65	4.814
Convergence, Y/N	Yes	Yes	Yes
Cap	828	770	743
Service Time	2.366	2.691	2.855
HCM Lane V/C Ratio	0.277	0.291	0.211
HCM Control Delay	9	9.6	9.1
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.1	1.2	0.8

Intersection	
Int Delay, s/veh	1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	30	4	0	133	157	52
Future Vol, veh/h	30	4	0	133	157	52
Conflicting Peds, #/hr	0	10	2	0	0	2
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	33	4	0	145	171	57

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	347	212	230	0	-	0
Stage 1	202	-	-	-	-	-
Stage 2	145	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	650	828	1338	-	-	-
Stage 1	832	-	-	-	-	-
Stage 2	882	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	647	819	1335	-	-	-
Mov Cap-2 Maneuver	647	-	-	-	-	-
Stage 1	830	-	-	-	-	-
Stage 2	880	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.8	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1335	-	663	-	-
HCM Lane V/C Ratio	-	-	0.056	-	-
HCM Control Delay (s)	0	-	10.8	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

Intersection	
Intersection Delay, s/veh	8.9
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	4	181	4	3	223	16	10	10	3	7	10	8
Future Vol, veh/h	4	181	4	3	223	16	10	10	3	7	10	8
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	197	4	3	242	17	11	11	3	8	11	9
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.8	9.2	8.2	8.1
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	43%	2%	1%	28%
Vol Thru, %	43%	96%	92%	40%
Vol Right, %	13%	2%	7%	32%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	23	189	242	25
LT Vol	10	4	3	7
Through Vol	10	181	223	10
RT Vol	3	4	16	8
Lane Flow Rate	25	205	263	27
Geometry Grp	1	1	1	1
Degree of Util (X)	0.035	0.247	0.311	0.037
Departure Headway (Hd)	4.999	4.32	4.251	4.85
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	717	834	850	738
Service Time	3.026	2.335	2.251	2.878
HCM Lane V/C Ratio	0.035	0.246	0.309	0.037
HCM Control Delay	8.2	8.8	9.2	8.1
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	1	1.3	0.1

Intersection	
Int Delay, s/veh	2.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	120	48	21	164	62	14
Future Vol, veh/h	120	48	21	164	62	14
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	130	52	23	178	67	15

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	182	0	380	156
Stage 1	-	-	-	-	156	-
Stage 2	-	-	-	-	224	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1393	-	622	890
Stage 1	-	-	-	-	872	-
Stage 2	-	-	-	-	813	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1393	-	611	890
Mov Cap-2 Maneuver	-	-	-	-	611	-
Stage 1	-	-	-	-	856	-
Stage 2	-	-	-	-	813	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.9	11.4
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	648	-	-	1393	-
HCM Lane V/C Ratio	0.127	-	-	0.016	-
HCM Control Delay (s)	11.4	-	-	7.6	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.4	-	-	0.1	-

Intersection	
Intersection Delay, s/veh	9.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	4	106	57	105	88	10	87	47	62	14	27	0
Future Vol, veh/h	4	106	57	105	88	10	87	47	62	14	27	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	115	62	114	96	11	95	51	67	15	29	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	9.1	10	9.9	8.7
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	44%	2%	52%	34%
Vol Thru, %	24%	63%	43%	66%
Vol Right, %	32%	34%	5%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	196	167	203	41
LT Vol	87	4	105	14
Through Vol	47	106	88	27
RT Vol	62	57	10	0
Lane Flow Rate	213	182	221	45
Geometry Grp	1	1	1	1
Degree of Util (X)	0.286	0.234	0.298	0.065
Departure Headway (Hd)	4.84	4.646	4.861	5.243
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	737	768	735	677
Service Time	2.9	2.707	2.919	3.322
HCM Lane V/C Ratio	0.289	0.237	0.301	0.066
HCM Control Delay	9.9	9.1	10	8.7
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1.2	0.9	1.2	0.2

Intersection	
Intersection Delay, s/veh	7.5
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	1	2	1	4	5	1	6	93	9	3	61	3
Future Vol, veh/h	1	2	1	4	5	1	6	93	9	3	61	3
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	1	2	1	4	5	1	7	101	10	3	66	3
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.3	7.4	7.6	7.4
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	6%	25%	40%	4%
Vol Thru, %	86%	50%	50%	91%
Vol Right, %	8%	25%	10%	4%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	108	4	10	67
LT Vol	6	1	4	3
Through Vol	93	2	5	61
RT Vol	9	1	1	3
Lane Flow Rate	117	4	11	73
Geometry Grp	1	1	1	1
Degree of Util (X)	0.13	0.005	0.013	0.082
Departure Headway (Hd)	3.977	4.169	4.284	4.031
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	902	846	825	888
Service Time	1.999	2.254	2.367	2.061
HCM Lane V/C Ratio	0.13	0.005	0.013	0.082
HCM Control Delay	7.6	7.3	7.4	7.4
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.4	0	0	0.3

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	138	1390	60	28	1176	19	0	0	15	0	0	70
Future Vol, veh/h	138	1390	60	28	1176	19	0	0	15	0	0	70
Conflicting Peds, #/hr	0	0	3	3	0	0	5	0	0	0	0	5
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	210	-	-	210	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	150	1511	65	30	1278	21	0	0	16	0	0	76

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1299	0	0	1579	0	0	-	-	791	-	-	655
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	529	-	-	413	-	-	0	0	332	0	0	409
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	529	-	-	412	-	-	-	-	331	-	-	407
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.3	0.3	16.4	15.9
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	331	529	-	-	412	-	-	407
HCM Lane V/C Ratio	0.049	0.284	-	-	0.074	-	-	0.187
HCM Control Delay (s)	16.4	14.5	-	-	14.4	-	-	15.9
HCM Lane LOS	C	B	-	-	B	-	-	C
HCM 95th %tile Q(veh)	0.2	1.2	-	-	0.2	-	-	0.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	46	1261	148	92	1133	88	82	52	49	51	98	119
Future Volume (veh/h)	46	1261	148	92	1133	88	82	52	49	51	98	119
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	50	1371	161	100	1232	96	89	57	53	55	107	129
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	64	1512	176	109	1661	129	106	68	63	60	116	140
Arrive On Green	0.04	0.47	0.47	0.02	0.16	0.16	0.14	0.14	0.14	0.18	0.18	0.18
Sat Flow, veh/h	1781	3205	374	1781	3340	260	779	499	464	323	629	758
Grp Volume(v), veh/h	50	756	776	100	654	674	199	0	0	291	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1802	1781	1777	1823	1742	0	0	1710	0	0
Q Serve(g_s), s	3.9	54.8	55.9	7.8	49.1	49.3	15.6	0.0	0.0	23.4	0.0	0.0
Cycle Q Clear(g_c), s	3.9	54.8	55.9	7.8	49.1	49.3	15.6	0.0	0.0	23.4	0.0	0.0
Prop In Lane	1.00		0.21	1.00		0.14	0.45		0.27	0.19		0.44
Lane Grp Cap(c), veh/h	64	838	850	109	883	906	238	0	0	315	0	0
V/C Ratio(X)	0.78	0.90	0.91	0.91	0.74	0.74	0.84	0.00	0.00	0.92	0.00	0.00
Avail Cap(c_a), veh/h	66	838	850	109	883	906	337	0	0	331	0	0
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.68	0.68	0.68	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	66.9	34.0	34.3	68.2	49.9	50.0	58.9	0.0	0.0	56.1	0.0	0.0
Incr Delay (d2), s/veh	42.4	14.8	15.8	46.6	3.8	3.8	11.9	0.0	0.0	29.7	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.5	26.7	27.8	5.1	24.4	25.2	7.7	0.0	0.0	12.7	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	109.3	48.7	50.1	114.8	53.8	53.8	70.8	0.0	0.0	85.8	0.0	0.0
LnGrp LOS	F	D	D	F	D	D	E	A	A	F	A	A
Approach Vol, veh/h		1582			1428			199			291	
Approach Delay, s/veh		51.3			58.1			70.8			85.8	
Approach LOS		D			E			E			F	

Timer - Assigned Phs	1	2	4	5	6	8
Phs Duration (G+Y+Rc), s	13.0	72.3	30.7	9.5	75.8	24.0
Change Period (Y+Rc), s	4.4	* 6.2	4.9	4.4	6.2	4.9
Max Green Setting (Gmax), s	8.6	* 58	27.1	5.2	60.2	27.1
Max Q Clear Time (g_c+I1), s	9.8	57.9	25.4	5.9	51.3	17.6
Green Ext Time (p_c), s	0.0	0.0	0.3	0.0	5.6	0.7

Intersection Summary	
HCM 6th Ctrl Delay	58.0
HCM 6th LOS	E

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

APPENDIX F

CUMULATIVE PROJECTS ASSIGNMENT

INTERSECTION	DIRECTION	TOTAL CUMULATIVE						Adjustments						Boys and Girls Club					
		Ram	Rpm	Tam	Tpm	Lam	Lpm	Ram	Rpm	Tam	Tpm	Lam	Lpm	Ram	Rpm	Tam	Tpm	Lam	Lpm
1 Genesee Ave / Mt Herbert Ave	Sb	0	0	0	0	0	0												
	Wb	0	0	69	59	0	0			2	5					2	5		
	Nb	0	0	0	0	2	1												
	Eb	1	2	58	74	0	0			1	3					1	3		
2 Genesee Ave / Mt Etna Dr	Sb	18	56	51	43	0	0			1	3					1	3		
	Wb	0	0	3	8	1	5												
	Nb	5	2	41	42	24	97			2	5					2	5		
	Eb	77	60	7	5	44	35												
3 Genesee Ave / Balboa Ave	Sb	3	9	48	25	74	62	1	2	0	1	0	0	1	2	0	1	0	0
	Wb	33	85	23	43	122	43	0	1					0	1				
	Nb	101	53	30	37	5	3			1	1					1	1		
	Eb	7	3	39	39	7	8					1	3					1	3
4 Mt Herbert Ave / Mt Etna Dr	Sb	0	0	0	0	1	2												
	Wb	2	1	0	0	0	0												
	Nb	0	0	0	0	0	0												
	Eb	0	0	0	0	0	0												
5 Mt Herbert Ave / Mt King Dr	Sb	0	0	0	0	0	0												
	Wb	0	0	0	0	0	0												
	Nb	0	0	0	0	0	0												
	Eb	0	0	0	0	0	0												
6 Mt Etna Dr / Mt Foraker Ave	Sb	0	0	0	0	0	0												
	Wb	0	0	2	1	0	0												
	Nb	0	0	0	0	0	0												
	Eb	0	0	1	2	0	0												
7 Mt Etna Dr / Mt Davis Ave	Sb	0	0	0	0	0	0												
	Wb	0	0	2	1	0	0												
	Nb	0	0	0	0	0	0												
	Eb	0	0	1	2	0	0												
8 Mt Etna Dr / Mt Everest Blvd	Sb	0	0	25	7	0	0												
	Wb	0	0	2	1	23	18												
	Nb	9	29	20	8	0	0												
	Eb	0	0	1	2	0	0												
9 Mt Culebra Ave / Mt Durban Dr	Sb	0	0	0	0	0	0												
	Wb	0	0	0	0	0	0												
	Nb	0	0	0	0	0	0												
	Eb	0	0	0	0	0	0												
10 Mt Culebra Ave / Balboa Ave	Sb	0	0	0	0	0	0												
	Wb	0	0	137	107	0	0			1	2					1	2		
	Nb	0	0	0	0	0	0												
	Eb	0	0	153	110	0	0			1	3					1	3		
11 Mt Everest Blvd / Balboa Ave	Sb	30	19	22	7	6	2												
	Wb	5	2	27	53	0	0			1	2					1	2		
	Nb	0	0	16	10	80	35												
	Eb	102	29	37	47	14	34			1	3					1	3		

INTERSECTION	DIRECTION	Garfield Starbucks						Restaurant					
		Ram	Rpm	Tam	Tpm	Lam	Lpm	Ram	Rpm	Tam	Tpm	Lam	Lpm
1 Genesee Ave / Mt Herbert Ave	Sb												
	Wb									6	13		
	Nb												
	Eb									8	13		
2 Genesee Ave / Mt Etna Dr	Sb									8	13		
	Wb												
	Nb									6	13		
	Eb												
3 Genesee Ave / Balboa Ave	Sb											8	13
	Wb			2	3			6	13	3	9	2	5
	Nb					1	1	3	5				
	Eb	1	0	1	1					5	9		
4 Mt Herbert Ave / Mt Etna Dr	Sb												
	Wb												
	Nb												
	Eb												
5 Mt Herbert Ave / Mt King Dr	Sb												
	Wb												
	Nb												
	Eb												
6 Mt Etna Dr / Mt Foraker Ave	Sb												
	Wb												
	Nb												
	Eb												
7 Mt Etna Dr / Mt Davis Ave	Sb												
	Wb												
	Nb												
	Eb												
8 Mt Etna Dr / Mt Everest Blvd	Sb												
	Wb												
	Nb												
	Eb												
9 Mt Culebra Ave / Mt Durban Dr	Sb												
	Wb												
	Nb												
	Eb												
10 Mt Culebra Ave / Balboa Ave	Sb												
	Wb			3	4					3	9		
	Nb												
	Eb			2	1					5	9		
11 Mt Everest Blvd / Balboa Ave	Sb												
	Wb			3	4					3	9		
	Nb												
	Eb			2	1					5	9		

INTERSECTION	DIRECTION	Atlas Street						Chen Ryan Cumulative + Crime Lab CPA					
		Ram	Rpm	Tam	Tpm	Lam	Lpm	Ram	Rpm	Tam	Tpm	Lam	Lpm
1 Genesee Ave / Mt Herbert Ave	Sb							0	0	0	0	0	0
	Wb			1	0			0	0	58	36	0	0
	Nb							0	0	0	0	2	1
	Eb			0	1			1	2	48	54	0	0
2 Genesee Ave / Mt Etna Dr	Sb			0	1			18	56	41	23	0	0
	Wb							0	0	3	8	1	5
	Nb			1	0			5	2	30	19	24	97
	Eb							77	60	7	5	44	35
3 Genesee Ave / Balboa Ave	Sb			0	1			1	5	48	22	66	49
	Wb							27	70	18	31	120	38
	Nb			1	1	1	0	98	48	27	34	3	2
	Eb	0	1					6	2	33	29	5	2
4 Mt Herbert Ave / Mt Etna Dr	Sb											1	2
	Wb							2	1				
	Nb												
	Eb												
5 Mt Herbert Ave / Mt King Dr	Sb												
	Wb												
	Nb												
	Eb												
6 Mt Etna Dr / Mt Foraker Ave	Sb												
	Wb									2	1		
	Nb												
	Eb									1	2		
7 Mt Etna Dr / Mt Davis Ave	Sb												
	Wb									2	1		
	Nb												
	Eb									1	2		
8 Mt Etna Dr / Mt Everest Blvd	Sb							0	0	25	7	0	0
	Wb							0	0	2	1	23	18
	Nb							9	29	20	8	0	0
	Eb							0	0	1	2	0	0
9 Mt Culebra Ave / Mt Durban Dr	Sb												
	Wb												
	Nb												
	Eb												
10 Mt Culebra Ave / Balboa Ave	Sb												
	Wb									129	90		
	Nb												
	Eb									144	94		
11 Mt Everest Blvd / Balboa Ave	Sb							30	19	22	7	6	2
	Wb							5	2	19	36	0	0
	Nb							0	0	16	10	80	35
	Eb							102	29	28	31	14	34

APPENDIX G

NEAR-TERM (OPENING YEAR 2022) INTERSECTION ANALYSIS WORKSHEETS

Near-Term AM
1: Mt Herbert Ave & Genesee Ave

John Muir School
03/12/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	9	574	70	26	1106	14	190	6	19	22	6	36
Future Volume (veh/h)	9	574	70	26	1106	14	190	6	19	22	6	36
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.98	1.00		0.99	0.99		0.99	1.00		0.98
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	10	624	76	28	1202	15	207	7	21	24	7	39
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	19	1371	167	47	1606	20	419	11	28	188	79	204
Arrive On Green	0.01	0.43	0.43	0.03	0.45	0.45	0.22	0.22	0.22	0.22	0.22	0.22
Sat Flow, veh/h	1781	3180	387	1781	3594	45	1256	50	128	385	362	940
Grp Volume(v), veh/h	10	348	352	28	594	623	235	0	0	70	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1790	1781	1777	1862	1434	0	0	1686	0	0
Q Serve(g_s), s	0.3	6.4	6.5	0.7	12.9	12.9	5.4	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.3	6.4	6.5	0.7	12.9	12.9	7.0	0.0	0.0	1.6	0.0	0.0
Prop In Lane	1.00		0.22	1.00		0.02	0.88		0.09	0.34		0.56
Lane Grp Cap(c), veh/h	19	766	772	47	794	832	458	0	0	471	0	0
V/C Ratio(X)	0.54	0.45	0.46	0.60	0.75	0.75	0.51	0.00	0.00	0.15	0.00	0.00
Avail Cap(c_a), veh/h	200	977	984	215	980	1027	1020	0	0	1092	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	22.8	9.3	9.3	22.4	10.7	10.7	16.8	0.0	0.0	14.8	0.0	0.0
Incr Delay (d2), s/veh	22.1	0.4	0.4	11.9	2.5	2.4	0.9	0.0	0.0	0.1	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	2.0	2.0	0.4	4.3	4.5	2.1	0.0	0.0	0.5	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	44.9	9.8	9.8	34.2	13.2	13.1	17.7	0.0	0.0	15.0	0.0	0.0
LnGrp LOS	D	A	A	C	B	B	B	A	A	B	A	A
Approach Vol, veh/h		710			1245			235			70	
Approach Delay, s/veh		10.3			13.6			17.7			15.0	
Approach LOS		B			B			B			B	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	5.6	25.8		15.0	4.9	26.5		15.0				
Change Period (Y+Rc), s	4.4	* 5.8		4.9	4.4	5.8		4.9				
Max Green Setting (Gmax), s	5.6	* 26		29.1	5.2	25.6		29.1				
Max Q Clear Time (g_c+I1), s	2.7	8.5		3.6	2.3	14.9		9.0				
Green Ext Time (p_c), s	0.0	4.1		0.3	0.0	5.8		1.3				

Intersection Summary	
HCM 6th Ctrl Delay	13.0
HCM 6th LOS	B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Near-Term AM
2: Genesee Ave & Mt Etna Dr

John Muir School
03/12/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	75	45	151	99	23	93	156	1013	161	118	551	60
Future Volume (veh/h)	75	45	151	99	23	93	156	1013	161	118	551	60
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	0.99		0.99	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	82	49	164	108	25	101	170	1101	175	128	599	65
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	256	85	284	180	73	296	197	2596	412	154	1992	884
Arrive On Green	0.23	0.23	0.23	0.23	0.23	0.23	0.11	0.58	0.58	0.09	0.56	0.56
Sat Flow, veh/h	1259	374	1250	1159	323	1303	1781	4438	705	1781	3554	1577
Grp Volume(v), veh/h	82	0	213	108	0	126	170	844	432	128	599	65
Grp Sat Flow(s),veh/h/ln	1259	0	1624	1159	0	1626	1781	1702	1738	1781	1777	1577
Q Serve(g_s), s	8.2	0.0	16.3	12.8	0.0	9.1	13.1	19.2	19.2	9.9	12.5	2.6
Cycle Q Clear(g_c), s	17.3	0.0	16.3	29.1	0.0	9.1	13.1	19.2	19.2	9.9	12.5	2.6
Prop In Lane	1.00		0.77	1.00		0.80	1.00		0.41	1.00		1.00
Lane Grp Cap(c), veh/h	256	0	369	180	0	370	197	1991	1017	154	1992	884
V/C Ratio(X)	0.32	0.00	0.58	0.60	0.00	0.34	0.86	0.42	0.42	0.83	0.30	0.07
Avail Cap(c_a), veh/h	330	0	465	248	0	466	364	1991	1017	338	1992	884
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.41	0.41	0.41	1.00	1.00	1.00
Uniform Delay (d), s/veh	52.5	0.0	48.1	61.0	0.0	45.3	61.2	16.0	16.0	63.0	16.3	14.1
Incr Delay (d2), s/veh	0.7	0.0	1.4	3.2	0.0	0.5	4.7	0.3	0.5	11.0	0.4	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.7	0.0	6.8	3.9	0.0	3.8	6.2	7.5	7.8	5.0	5.2	1.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	53.2	0.0	49.5	64.2	0.0	45.8	66.0	16.3	16.6	74.0	16.6	14.3
LnGrp LOS	D	A	D	E	A	D	E	B	B	E	B	B
Approach Vol, veh/h		295			234			1446			792	
Approach Delay, s/veh		50.5			54.3			22.2			25.7	
Approach LOS		D			D			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	16.5	86.8		36.7	19.9	83.4		36.7				
Change Period (Y+Rc), s	4.4	4.9		4.9	4.4	4.9		4.9				
Max Green Setting (Gmax), s	26.6	59.1		40.1	28.6	57.1		40.1				
Max Q Clear Time (g_c+I1), s	11.3	21.2		19.3	15.1	14.5		31.1				
Green Ext Time (p_c), s	0.3	11.6		1.5	0.4	4.9		0.7				

Intersection Summary	
HCM 6th Ctrl Delay	29.0
HCM 6th LOS	C



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	267	857	139	184	661	345	244	815	167	254	354	167
Future Volume (veh/h)	267	857	139	184	661	345	244	815	167	254	354	167
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.96	1.00		0.97	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	290	932	151	200	718	375	265	886	182	276	385	182
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	319	1474	239	163	1191	533	318	1015	207	326	861	381
Arrive On Green	0.12	0.32	0.32	0.05	0.35	0.35	0.09	0.24	0.24	0.03	0.08	0.08
Sat Flow, veh/h	1781	3058	495	3456	3404	1523	3456	4228	864	3456	3554	1571
Grp Volume(v), veh/h	290	541	542	200	718	375	265	712	356	276	385	182
Grp Sat Flow(s),veh/h/ln	1781	1777	1776	1728	1702	1523	1728	1702	1687	1728	1777	1571
Q Serve(g_s), s	22.5	36.3	36.3	6.6	24.3	29.7	10.6	28.2	28.4	11.1	14.5	15.5
Cycle Q Clear(g_c), s	22.5	36.3	36.3	6.6	24.3	29.7	10.6	28.2	28.4	11.1	14.5	15.5
Prop In Lane	1.00		0.28	1.00		1.00	1.00		0.51	1.00		1.00
Lane Grp Cap(c), veh/h	319	857	856	163	1191	533	318	818	405	326	861	381
V/C Ratio(X)	0.91	0.63	0.63	1.23	0.60	0.70	0.83	0.87	0.88	0.85	0.45	0.48
Avail Cap(c_a), veh/h	428	857	856	163	1191	533	410	875	434	338	861	381
HCM Platoon Ratio	0.67	0.67	0.67	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33
Upstream Filter(I)	0.09	0.09	0.09	1.00	1.00	1.00	1.00	1.00	1.00	0.93	0.93	0.93
Uniform Delay (d), s/veh	60.5	36.8	36.8	66.7	37.5	39.2	62.5	51.1	51.2	66.8	55.5	55.9
Incr Delay (d2), s/veh	2.3	0.3	0.3	144.6	2.3	7.6	10.9	9.1	17.4	16.4	0.3	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	10.7	16.7	16.7	6.2	10.6	12.3	5.1	13.0	14.0	6.0	7.0	6.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	62.8	37.2	37.2	211.3	39.8	46.8	73.4	60.2	68.6	83.3	55.8	56.8
LnGrp LOS	E	D	D	F	D	D	E	E	E	F	E	E
Approach Vol, veh/h		1373			1293			1333			843	
Approach Delay, s/veh		42.6			68.4			65.1			65.0	
Approach LOS		D			E			E			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.0	72.9	17.3	38.8	29.5	54.4	17.6	38.5
Change Period (Y+Rc), s	4.4	* 5.4	4.4	4.9	4.4	5.4	4.4	4.9
Max Green Setting (Gmax), s	6.6	* 65	16.6	33.1	33.6	37.6	13.7	36.0
Max Q Clear Time (g_c+I1), s	8.6	38.3	12.6	17.5	24.5	31.7	13.1	30.4
Green Ext Time (p_c), s	0.0	8.3	0.3	2.8	0.6	3.5	0.1	3.2

Intersection Summary	
HCM 6th Ctrl Delay	59.6
HCM 6th LOS	E

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	8.2
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	51	40	97	133	37	39
Future Vol, veh/h	51	40	97	133	37	39
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	55	43	105	145	40	42
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	8.1	8.3	8
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	56%	49%
Vol Thru, %	42%	0%	51%
Vol Right, %	58%	44%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	230	91	76
LT Vol	0	51	37
Through Vol	97	0	39
RT Vol	133	40	0
Lane Flow Rate	250	99	83
Geometry Grp	1	1	1
Degree of Util (X)	0.265	0.123	0.103
Departure Headway (Hd)	3.823	4.478	4.501
Convergence, Y/N	Yes	Yes	Yes
Cap	923	805	800
Service Time	1.92	2.482	2.509
HCM Lane V/C Ratio	0.271	0.123	0.104
HCM Control Delay	8.3	8.1	8
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.1	0.4	0.3

Intersection	
Int Delay, s/veh	2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	56	0	0	127	62	33
Future Vol, veh/h	56	0	0	127	62	33
Conflicting Peds, #/hr	0	10	2	0	0	2
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	61	0	0	138	67	36

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	225	97	105	0	-	0
Stage 1	87	-	-	-	-	-
Stage 2	138	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	763	959	1486	-	-	-
Stage 1	936	-	-	-	-	-
Stage 2	889	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	760	948	1483	-	-	-
Mov Cap-2 Maneuver	760	-	-	-	-	-
Stage 1	934	-	-	-	-	-
Stage 2	887	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.1	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1483	-	760	-	-
HCM Lane V/C Ratio	-	-	0.08	-	-
HCM Control Delay (s)	0	-	10.1	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

Intersection	
Intersection Delay, s/veh	8.1
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	17	145	6	1	133	9	7	3	1	5	4	9
Future Vol, veh/h	17	145	6	1	133	9	7	3	1	5	4	9
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	18	158	7	1	145	10	8	3	1	5	4	10
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.3	8	7.8	7.5
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	64%	10%	1%	28%
Vol Thru, %	27%	86%	93%	22%
Vol Right, %	9%	4%	6%	50%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	11	168	143	18
LT Vol	7	17	1	5
Through Vol	3	145	133	4
RT Vol	1	6	9	9
Lane Flow Rate	12	183	155	20
Geometry Grp	1	1	1	1
Degree of Util (X)	0.016	0.208	0.177	0.024
Departure Headway (Hd)	4.76	4.104	4.089	4.433
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	756	867	869	812
Service Time	2.761	2.161	2.153	2.434
HCM Lane V/C Ratio	0.016	0.211	0.178	0.025
HCM Control Delay	7.8	8.3	8	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0	0.8	0.6	0.1

Intersection	
Int Delay, s/veh	1.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	127	58	4	49	23	19
Future Vol, veh/h	127	58	4	49	23	19
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	138	63	4	53	25	21

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	201	0	231	170
Stage 1	-	-	-	-	170	-
Stage 2	-	-	-	-	61	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1371	-	757	874
Stage 1	-	-	-	-	860	-
Stage 2	-	-	-	-	962	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1371	-	755	874
Mov Cap-2 Maneuver	-	-	-	-	755	-
Stage 1	-	-	-	-	857	-
Stage 2	-	-	-	-	962	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.6	9.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	805	-	-	1371	-
HCM Lane V/C Ratio	0.057	-	-	0.003	-
HCM Control Delay (s)	9.7	-	-	7.6	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.2	-	-	0	-

Intersection	
Intersection Delay, s/veh	9.1
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	1	69	72	76	50	8	82	61	53	5	68	3
Future Vol, veh/h	1	69	72	76	50	8	82	61	53	5	68	3
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	1	75	78	83	54	9	89	66	58	5	74	3
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.7	9.2	9.5	8.6
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	42%	1%	57%	7%
Vol Thru, %	31%	49%	37%	89%
Vol Right, %	27%	51%	6%	4%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	196	142	134	76
LT Vol	82	1	76	5
Through Vol	61	69	50	68
RT Vol	53	72	8	3
Lane Flow Rate	213	154	146	83
Geometry Grp	1	1	1	1
Degree of Util (X)	0.276	0.194	0.198	0.112
Departure Headway (Hd)	4.667	4.523	4.901	4.896
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	767	790	730	728
Service Time	2.713	2.572	2.952	2.953
HCM Lane V/C Ratio	0.278	0.195	0.2	0.114
HCM Control Delay	9.5	8.7	9.2	8.6
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1.1	0.7	0.7	0.4

Intersection	
Intersection Delay, s/veh	7.3
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	2	9	7	6	0	0	5	35	13	5	58	0
Future Vol, veh/h	2	9	7	6	0	0	5	35	13	5	58	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	2	10	8	7	0	0	5	38	14	5	63	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.1	7.5	7.2	7.4
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	9%	11%	100%	8%
Vol Thru, %	66%	50%	0%	92%
Vol Right, %	25%	39%	0%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	53	18	6	63
LT Vol	5	2	6	5
Through Vol	35	9	0	58
RT Vol	13	7	0	0
Lane Flow Rate	58	20	7	68
Geometry Grp	1	1	1	1
Degree of Util (X)	0.062	0.021	0.008	0.077
Departure Headway (Hd)	3.902	3.945	4.367	4.038
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	918	901	814	888
Service Time	1.927	1.999	2.423	2.059
HCM Lane V/C Ratio	0.063	0.022	0.009	0.077
HCM Control Delay	7.2	7.1	7.5	7.4
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.2	0.1	0	0.2

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↰	↑↕		↰	↑↕				↱			↱
Traffic Vol, veh/h	64	1273	29	15	1294	14	0	0	25	0	0	93
Future Vol, veh/h	64	1273	29	15	1294	14	0	0	25	0	0	93
Conflicting Peds, #/hr	0	0	3	3	0	0	5	0	0	0	0	5
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	210	-	-	210	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	70	1384	32	16	1407	15	0	0	27	0	0	101

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1422	0	0	1419	0	0	-	-	711	-	-	716
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	475	-	-	476	-	-	0	0	375	0	0	373
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	475	-	-	475	-	-	-	-	374	-	-	371
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.7	0.1	15.4	18.3
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	374	475	-	-	475	-	-	371
HCM Lane V/C Ratio	0.073	0.146	-	-	0.034	-	-	0.272
HCM Control Delay (s)	15.4	13.9	-	-	12.8	-	-	18.3
HCM Lane LOS	C	B	-	-	B	-	-	C
HCM 95th %tile Q(veh)	0.2	0.5	-	-	0.1	-	-	1.1

Near-Term AM
11: Mt Everest Blvd & Balboa Ave

John Muir School
03/12/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	40	1142	164	51	950	108	259	105	101	39	122	108
Future Volume (veh/h)	40	1142	164	51	950	108	259	105	101	39	122	108
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	43	1241	178	55	1033	117	282	114	110	42	133	117
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	55	1210	173	70	1274	144	238	96	93	46	144	127
Arrive On Green	0.03	0.39	0.39	0.08	0.79	0.79	0.24	0.24	0.24	0.18	0.18	0.18
Sat Flow, veh/h	1781	3120	445	1781	3217	364	975	394	381	248	786	692
Grp Volume(v), veh/h	43	704	715	55	570	580	506	0	0	292	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1789	1781	1777	1804	1750	0	0	1727	0	0
Q Serve(g_s), s	3.4	54.3	54.3	4.2	26.1	26.2	34.1	0.0	0.0	23.3	0.0	0.0
Cycle Q Clear(g_c), s	3.4	54.3	54.3	4.2	26.1	26.2	34.1	0.0	0.0	23.3	0.0	0.0
Prop In Lane	1.00		0.25	1.00		0.20	0.56		0.22	0.14		0.40
Lane Grp Cap(c), veh/h	55	689	694	70	704	714	426	0	0	317	0	0
V/C Ratio(X)	0.78	1.02	1.03	0.78	0.81	0.81	1.19	0.00	0.00	0.92	0.00	0.00
Avail Cap(c_a), veh/h	69	689	694	71	704	714	426	0	0	334	0	0
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.70	0.70	0.70	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	67.3	42.9	42.9	63.9	11.5	11.5	53.0	0.0	0.0	56.1	0.0	0.0
Incr Delay (d2), s/veh	34.8	39.9	42.4	31.7	7.1	7.0	105.5	0.0	0.0	29.1	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.1	31.2	31.9	2.5	5.9	6.0	27.4	0.0	0.0	12.7	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	102.1	82.7	85.3	95.6	18.6	18.5	158.4	0.0	0.0	85.3	0.0	0.0
LnGrp LOS	F	F	F	F	B	B	F	A	A	F	A	A
Approach Vol, veh/h		1462			1205			506			292	
Approach Delay, s/veh		84.5			22.1			158.4			85.3	
Approach LOS		F			C			F			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	9.9	60.5		30.6	8.7	61.6		39.0				
Change Period (Y+Rc), s	4.4	* 6.2		4.9	4.4	6.2		4.9				
Max Green Setting (Gmax), s	5.6	* 54		27.1	5.4	53.0		34.1				
Max Q Clear Time (g_c+I1), s	6.2	56.3		25.3	5.4	28.2		36.1				
Green Ext Time (p_c), s	0.0	0.0		0.3	0.0	8.8		0.0				

Intersection Summary		
HCM 6th Ctrl Delay		73.7
HCM 6th LOS		E

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Near-Term PM
1: Mt Herbert Ave & Genesee Ave

John Muir School
03/12/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	11	1302	140	26	842	15	125	7	41	12	3	11
Future Volume (veh/h)	11	1302	140	26	842	15	125	7	41	12	3	11
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.98	1.00		1.00	0.98		0.99	1.00		0.98
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	12	1415	152	28	915	16	136	8	45	13	3	12
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	22	1807	193	44	2043	36	270	19	58	187	59	119
Arrive On Green	0.01	0.56	0.56	0.02	0.57	0.57	0.17	0.17	0.17	0.17	0.17	0.17
Sat Flow, veh/h	1781	3231	344	1781	3573	62	1002	111	348	597	351	711
Grp Volume(v), veh/h	12	773	794	28	455	476	189	0	0	28	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1799	1781	1777	1859	1461	0	0	1659	0	0
Q Serve(g_s), s	0.4	20.6	21.2	0.9	9.0	9.0	6.6	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.4	20.6	21.2	0.9	9.0	9.0	7.5	0.0	0.0	0.8	0.0	0.0
Prop In Lane	1.00		0.19	1.00		0.03	0.72		0.24	0.46		0.43
Lane Grp Cap(c), veh/h	22	993	1006	44	1016	1063	347	0	0	365	0	0
V/C Ratio(X)	0.56	0.78	0.79	0.63	0.45	0.45	0.54	0.00	0.00	0.08	0.00	0.00
Avail Cap(c_a), veh/h	152	1190	1205	158	1187	1242	793	0	0	824	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	29.9	10.5	10.6	29.4	7.5	7.5	24.1	0.0	0.0	21.4	0.0	0.0
Incr Delay (d2), s/veh	20.7	2.8	3.0	14.1	0.3	0.3	1.3	0.0	0.0	0.1	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	7.0	7.3	0.6	2.8	2.9	2.5	0.0	0.0	0.3	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	50.5	13.2	13.6	43.4	7.8	7.8	25.4	0.0	0.0	21.5	0.0	0.0
LnGrp LOS	D	B	B	D	A	A	C	A	A	C	A	A
Approach Vol, veh/h		1579			959			189			28	
Approach Delay, s/veh		13.7			8.8			25.4			21.5	
Approach LOS		B			A			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	5.9	39.8		15.1	5.1	40.5		15.1				
Change Period (Y+Rc), s	4.4	* 5.8		4.9	4.4	5.8		4.9				
Max Green Setting (Gmax), s	5.4	* 41		29.1	5.2	40.6		29.1				
Max Q Clear Time (g_c+I1), s	2.9	23.2		2.8	2.4	11.0		9.5				
Green Ext Time (p_c), s	0.0	10.8		0.1	0.0	6.9		1.0				

Intersection Summary		
HCM 6th Ctrl Delay		12.9
HCM 6th LOS		B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	81	57	176	146	53	160	259	768	129	200	1107	115
Future Volume (veh/h)	81	57	176	146	53	160	259	768	129	200	1107	115
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	0.99		0.99	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	88	62	191	159	58	174	282	835	140	217	1203	125
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	226	109	335	207	112	335	304	2155	359	244	1619	717
Arrive On Green	0.27	0.27	0.27	0.27	0.27	0.27	0.17	0.49	0.49	0.14	0.46	0.46
Sat Flow, veh/h	1145	400	1231	1120	410	1231	1781	4403	734	1781	3554	1575
Grp Volume(v), veh/h	88	0	253	159	0	232	282	644	331	217	1203	125
Grp Sat Flow(s),veh/h/ln	1145	0	1631	1120	0	1641	1781	1702	1732	1781	1777	1575
Q Serve(g_s), s	9.9	0.0	18.7	19.4	0.0	16.8	21.8	16.7	16.9	16.8	39.0	6.6
Cycle Q Clear(g_c), s	26.7	0.0	18.7	38.1	0.0	16.8	21.8	16.7	16.9	16.8	39.0	6.6
Prop In Lane	1.00		0.75	1.00		0.75	1.00		0.42	1.00		1.00
Lane Grp Cap(c), veh/h	226	0	444	207	0	447	304	1666	848	244	1619	717
V/C Ratio(X)	0.39	0.00	0.57	0.77	0.00	0.52	0.93	0.39	0.39	0.89	0.74	0.17
Avail Cap(c_a), veh/h	226	0	444	207	0	447	313	1666	848	364	1619	717
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.62	0.62	0.62	1.00	1.00	1.00
Uniform Delay (d), s/veh	54.5	0.0	43.9	60.5	0.0	43.2	57.2	22.5	22.6	59.4	31.4	22.5
Incr Delay (d2), s/veh	1.1	0.0	1.7	16.1	0.0	1.1	23.1	0.4	0.8	16.4	3.1	0.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.9	0.0	7.8	6.6	0.0	7.0	11.8	6.8	7.1	8.7	17.3	2.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	55.6	0.0	45.6	76.6	0.0	44.3	80.3	22.9	23.4	75.7	34.5	23.1
LnGrp LOS	E	A	D	E	A	D	F	C	C	E	C	C
Approach Vol, veh/h		341			391			1257			1545	
Approach Delay, s/veh		48.2			57.4			35.9			39.4	
Approach LOS		D			E			D			D	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	33.6	73.4		43.0	28.3	68.7		43.0
Change Period (Y+Rc), s	4.4	4.9		4.9	4.4	4.9		4.9
Max Green Setting (Gmax), s	28.6	59.1		38.1	24.6	63.1		38.1
Max Q Clear Time (g_c+I1), s	18.8	18.9		28.7	23.8	41.0		40.1
Green Ext Time (p_c), s	0.4	8.1		1.3	0.1	10.0		0.0

Intersection Summary	
HCM 6th Ctrl Delay	41.0
HCM 6th LOS	D



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	226	930	202	257	852	379	227	519	135	465	712	181
Future Volume (veh/h)	226	930	202	257	852	379	227	519	135	465	712	181
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.96	1.00		0.97	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	246	1011	220	279	926	412	247	564	147	505	774	197
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	272	1212	263	311	1213	539	300	810	206	533	955	423
Arrive On Green	0.05	0.14	0.14	0.09	0.36	0.36	0.09	0.20	0.20	0.21	0.36	0.36
Sat Flow, veh/h	1781	2898	629	3456	3413	1516	3456	4029	1022	3456	3554	1573
Grp Volume(v), veh/h	246	619	612	279	924	414	247	474	237	505	774	197
Grp Sat Flow(s),veh/h/ln	1781	1777	1750	1728	1702	1525	1728	1702	1647	1728	1777	1573
Q Serve(g_s), s	19.2	47.5	47.7	11.2	33.6	33.7	9.8	18.1	18.8	20.2	27.6	13.5
Cycle Q Clear(g_c), s	19.2	47.5	47.7	11.2	33.6	33.7	9.8	18.1	18.8	20.2	27.6	13.5
Prop In Lane	1.00		0.36	1.00		0.99	1.00		0.62	1.00		1.00
Lane Grp Cap(c), veh/h	272	743	732	311	1209	542	300	684	331	533	955	423
V/C Ratio(X)	0.90	0.83	0.84	0.90	0.76	0.76	0.82	0.69	0.72	0.95	0.81	0.47
Avail Cap(c_a), veh/h	302	743	732	311	1209	542	385	802	388	533	990	438
HCM Platoon Ratio	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00	1.33	1.33	1.33
Upstream Filter(I)	0.09	0.09	0.09	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.60	0.60
Uniform Delay (d), s/veh	65.4	55.6	55.7	63.1	39.9	39.9	62.9	51.9	52.2	55.1	41.8	37.2
Incr Delay (d2), s/veh	3.6	1.1	1.1	26.8	4.6	9.9	10.9	2.1	5.1	18.7	3.1	0.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.5	23.0	22.8	6.1	14.8	14.1	4.8	8.0	8.3	9.9	11.9	5.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	69.1	56.6	56.8	89.9	44.5	49.8	73.8	54.0	57.3	73.7	44.8	37.7
LnGrp LOS	E	E	E	F	D	D	E	D	E	E	D	D
Approach Vol, veh/h		1477			1617			958			1476	
Approach Delay, s/veh		58.8			53.7			59.9			53.8	
Approach LOS		E			D			E			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	17.0	64.0	16.5	42.5	25.8	55.1	26.0	33.0
Change Period (Y+Rc), s	4.4	* 5.4	4.4	4.9	4.4	5.4	4.4	4.9
Max Green Setting (Gmax), s	12.6	* 54	15.6	39.0	23.7	42.6	21.6	33.0
Max Q Clear Time (g_c+I1), s	13.2	49.7	11.8	29.6	21.2	35.7	22.2	20.8
Green Ext Time (p_c), s	0.0	2.7	0.3	4.1	0.2	4.6	0.0	3.8

Intersection Summary	
HCM 6th Ctrl Delay	56.2
HCM 6th LOS	E

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	8.4
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	102	35	72	97	45	68
Future Vol, veh/h	102	35	72	97	45	68
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	111	38	78	105	49	74
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	8.7	8.2	8.4
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	74%	40%
Vol Thru, %	43%	0%	60%
Vol Right, %	57%	26%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	169	137	113
LT Vol	0	102	45
Through Vol	72	0	68
RT Vol	97	35	0
Lane Flow Rate	184	149	123
Geometry Grp	1	1	1
Degree of Util (X)	0.209	0.19	0.156
Departure Headway (Hd)	4.089	4.597	4.56
Convergence, Y/N	Yes	Yes	Yes
Cap	880	782	787
Service Time	2.105	2.62	2.58
HCM Lane V/C Ratio	0.209	0.191	0.156
HCM Control Delay	8.2	8.7	8.4
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.8	0.7	0.6

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	30	4	0	91	129	52
Future Vol, veh/h	30	4	0	91	129	52
Conflicting Peds, #/hr	0	10	2	0	0	2
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	33	4	0	99	140	57

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	270	181	199	0	-	0
Stage 1	171	-	-	-	-	-
Stage 2	99	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	719	862	1373	-	-	-
Stage 1	859	-	-	-	-	-
Stage 2	925	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	716	852	1370	-	-	-
Mov Cap-2 Maneuver	716	-	-	-	-	-
Stage 1	857	-	-	-	-	-
Stage 2	923	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.2	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1370	-	730	-	-
HCM Lane V/C Ratio	-	-	0.051	-	-
HCM Control Delay (s)	0	-	10.2	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

Intersection	
Intersection Delay, s/veh	8.2
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	4	121	4	3	162	16	10	10	3	7	10	8
Future Vol, veh/h	4	121	4	3	162	16	10	10	3	7	10	8
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	132	4	3	176	17	11	11	3	8	11	9
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.1	8.3	7.9	7.7
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	43%	3%	2%	28%
Vol Thru, %	43%	94%	90%	40%
Vol Right, %	13%	3%	9%	32%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	23	129	181	25
LT Vol	10	4	3	7
Through Vol	10	121	162	10
RT Vol	3	4	16	8
Lane Flow Rate	25	140	197	27
Geometry Grp	1	1	1	1
Degree of Util (X)	0.033	0.162	0.223	0.034
Departure Headway (Hd)	4.707	4.161	4.081	4.56
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	765	850	870	790
Service Time	2.708	2.245	2.155	2.561
HCM Lane V/C Ratio	0.033	0.165	0.226	0.034
HCM Control Delay	7.9	8.1	8.3	7.7
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	0.6	0.9	0.1

Intersection	
Int Delay, s/veh	2.7

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	80	28	21	113	52	14
Future Vol, veh/h	80	28	21	113	52	14
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	87	30	23	123	57	15

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	117	0	271	102
Stage 1	-	-	-	-	102	-
Stage 2	-	-	-	-	169	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1471	-	718	953
Stage 1	-	-	-	-	922	-
Stage 2	-	-	-	-	861	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1471	-	706	953
Mov Cap-2 Maneuver	-	-	-	-	706	-
Stage 1	-	-	-	-	906	-
Stage 2	-	-	-	-	861	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1.2	10.3
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	747	-	-	1471	-
HCM Lane V/C Ratio	0.096	-	-	0.016	-
HCM Control Delay (s)	10.3	-	-	7.5	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.3	-	-	0	-

Intersection	
Intersection Delay, s/veh	9.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	4	73	50	123	65	10	59	55	91	14	34	0
Future Vol, veh/h	4	73	50	123	65	10	59	55	91	14	34	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	79	54	134	71	11	64	60	99	15	37	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.7	9.9	9.6	8.6
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	29%	3%	62%	29%
Vol Thru, %	27%	57%	33%	71%
Vol Right, %	44%	39%	5%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	205	127	198	48
LT Vol	59	4	123	14
Through Vol	55	73	65	34
RT Vol	91	50	10	0
Lane Flow Rate	223	138	215	52
Geometry Grp	1	1	1	1
Degree of Util (X)	0.287	0.178	0.29	0.074
Departure Headway (Hd)	4.634	4.629	4.847	5.119
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	771	770	738	695
Service Time	2.686	2.688	2.902	3.187
HCM Lane V/C Ratio	0.289	0.179	0.291	0.075
HCM Control Delay	9.6	8.7	9.9	8.6
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1.2	0.6	1.2	0.2

Intersection	
Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	1	2	1	4	5	1	6	83	9	3	40	3
Future Vol, veh/h	1	2	1	4	5	1	6	83	9	3	40	3
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	1	2	1	4	5	1	7	90	10	3	43	3
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.2	7.3	7.5	7.3
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	6%	25%	40%	7%
Vol Thru, %	85%	50%	50%	87%
Vol Right, %	9%	25%	10%	7%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	98	4	10	46
LT Vol	6	1	4	3
Through Vol	83	2	5	40
RT Vol	9	1	1	3
Lane Flow Rate	107	4	11	50
Geometry Grp	1	1	1	1
Degree of Util (X)	0.117	0.005	0.013	0.056
Departure Headway (Hd)	3.955	4.112	4.227	4.015
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	908	861	839	892
Service Time	1.973	2.18	2.293	2.041
HCM Lane V/C Ratio	0.118	0.005	0.013	0.056
HCM Control Delay	7.5	7.2	7.3	7.3
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.4	0	0	0.2

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	128	1486	60	28	1276	19	0	0	15	0	0	49
Future Vol, veh/h	128	1486	60	28	1276	19	0	0	15	0	0	49
Conflicting Peds, #/hr	0	0	3	3	0	0	5	0	0	0	0	5
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	210	-	-	210	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	139	1615	65	30	1387	21	0	0	16	0	0	53

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1408	0	0	1683	0	0	-	-	843	-	-	709
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	481	-	-	376	-	-	0	0	307	0	0	377
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	481	-	-	375	-	-	-	-	306	-	-	375
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.2	0.3	17.4	16.2
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	306	481	-	-	375	-	-	375
HCM Lane V/C Ratio	0.053	0.289	-	-	0.081	-	-	0.142
HCM Control Delay (s)	17.4	15.5	-	-	15.4	-	-	16.2
HCM Lane LOS	C	C	-	-	C	-	-	C
HCM 95th %tile Q(veh)	0.2	1.2	-	-	0.3	-	-	0.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	66	1308	177	92	1186	76	117	62	49	53	105	131
Future Volume (veh/h)	66	1308	177	92	1186	76	117	62	49	53	105	131
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	72	1422	192	100	1289	83	127	67	53	58	114	142
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	89	1408	188	97	1530	98	144	76	60	61	120	149
Arrive On Green	0.05	0.45	0.45	0.02	0.15	0.15	0.16	0.16	0.16	0.19	0.19	0.19
Sat Flow, veh/h	1781	3149	421	1781	3390	218	902	476	376	316	620	773
Grp Volume(v), veh/h	72	796	818	100	675	697	247	0	0	314	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1793	1781	1777	1831	1753	0	0	1708	0	0
Q Serve(g_s), s	5.6	62.6	62.6	7.6	51.7	51.9	19.3	0.0	0.0	25.4	0.0	0.0
Cycle Q Clear(g_c), s	5.6	62.6	62.6	7.6	51.7	51.9	19.3	0.0	0.0	25.4	0.0	0.0
Prop In Lane	1.00		0.23	1.00		0.12	0.51		0.21	0.18		0.45
Lane Grp Cap(c), veh/h	89	794	802	97	802	826	281	0	0	329	0	0
V/C Ratio(X)	0.81	1.00	1.02	1.03	0.84	0.84	0.88	0.00	0.00	0.95	0.00	0.00
Avail Cap(c_a), veh/h	89	794	802	97	802	826	338	0	0	329	0	0
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.59	0.59	0.59	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	65.8	38.7	38.7	68.7	54.7	54.8	57.5	0.0	0.0	55.9	0.0	0.0
Incr Delay (d2), s/veh	40.6	32.4	37.0	79.6	6.4	6.4	19.8	0.0	0.0	37.2	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.6	33.9	35.3	5.7	26.2	27.1	10.1	0.0	0.0	14.4	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	106.4	71.1	75.7	148.3	61.1	61.2	77.3	0.0	0.0	93.1	0.0	0.0
LnGrp LOS	F	F	F	F	E	E	E	A	A	F	A	A
Approach Vol, veh/h		1686			1472			247			314	
Approach Delay, s/veh		74.9			67.1			77.3			93.1	
Approach LOS		E			E			E			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	12.0	68.8		31.9	11.4	69.4		27.3				
Change Period (Y+Rc), s	4.4	* 6.2		4.9	4.4	6.2		4.9				
Max Green Setting (Gmax), s	7.6	* 59		27.0	7.0	58.6		27.0				
Max Q Clear Time (g_c+I1), s	9.6	64.6		27.4	7.6	53.9		21.3				
Green Ext Time (p_c), s	0.0	0.0		0.0	0.0	3.4		0.7				

Intersection Summary		
HCM 6th Ctrl Delay	73.5	
HCM 6th LOS	E	

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

APPENDIX H

NEAR-TERM (OPENING YEAR 2022) + PROJECT INTERSECTION ANALYSIS WORKSHEETS

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	9	574	127	26	1106	14	222	6	46	22	6	36
Future Volume (veh/h)	9	574	127	26	1106	14	222	6	46	22	6	36
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.98	1.00		0.99	0.99		1.00	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	10	624	138	28	1202	15	241	7	50	24	7	39
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	18	1192	263	46	1543	19	431	11	63	205	85	244
Arrive On Green	0.01	0.41	0.41	0.03	0.43	0.43	0.26	0.26	0.26	0.26	0.26	0.26
Sat Flow, veh/h	1781	2879	635	1781	3594	45	1153	42	241	417	325	934
Grp Volume(v), veh/h	10	385	377	28	594	623	298	0	0	70	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1737	1781	1777	1862	1436	0	0	1676	0	0
Q Serve(g_s), s	0.3	8.2	8.2	0.8	14.5	14.5	8.0	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.3	8.2	8.2	0.8	14.5	14.5	9.6	0.0	0.0	1.6	0.0	0.0
Prop In Lane	1.00		0.37	1.00		0.02	0.81		0.17	0.34		0.56
Lane Grp Cap(c), veh/h	18	735	719	46	763	799	505	0	0	534	0	0
V/C Ratio(X)	0.54	0.52	0.52	0.61	0.78	0.78	0.59	0.00	0.00	0.13	0.00	0.00
Avail Cap(c_a), veh/h	183	896	877	197	900	943	941	0	0	1007	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	24.9	11.1	11.1	24.4	12.4	12.4	17.2	0.0	0.0	14.4	0.0	0.0
Incr Delay (d2), s/veh	22.4	0.6	0.6	12.4	3.7	3.6	1.1	0.0	0.0	0.1	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	2.7	2.7	0.5	5.4	5.6	3.0	0.0	0.0	0.6	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	47.3	11.7	11.7	36.8	16.1	16.0	18.3	0.0	0.0	14.5	0.0	0.0
LnGrp LOS	D	B	B	D	B	B	B	A	A	B	A	A
Approach Vol, veh/h		772			1245			298			70	
Approach Delay, s/veh		12.1			16.5			18.3			14.5	
Approach LOS		B			B			B			B	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	5.7	26.7		18.1	4.9	27.5		18.1				
Change Period (Y+Rc), s	4.4	* 5.8		4.9	4.4	5.8		4.9				
Max Green Setting (Gmax), s	5.6	* 26		29.1	5.2	25.6		29.1				
Max Q Clear Time (g_c+I1), s	2.8	10.2		3.6	2.3	16.5		11.6				
Green Ext Time (p_c), s	0.0	4.4		0.3	0.0	5.2		1.7				

Intersection Summary	
HCM 6th Ctrl Delay	15.2
HCM 6th LOS	B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	75	45	178	99	23	93	197	1013	161	118	578	60
Future Volume (veh/h)	75	45	178	99	23	93	197	1013	161	118	578	60
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	0.99		0.99	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	82	49	193	108	25	101	214	1101	175	128	628	65
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	280	80	316	178	79	319	241	2517	400	154	1842	817
Arrive On Green	0.25	0.25	0.25	0.25	0.25	0.25	0.14	0.57	0.57	0.09	0.52	0.52
Sat Flow, veh/h	1259	327	1290	1130	323	1304	1781	4438	705	1781	3554	1576
Grp Volume(v), veh/h	82	0	242	108	0	126	214	844	432	128	628	65
Grp Sat Flow(s),veh/h/ln	1259	0	1617	1130	0	1626	1781	1702	1738	1781	1777	1576
Q Serve(g_s), s	8.0	0.0	18.6	13.1	0.0	8.9	16.5	20.0	20.0	9.9	14.5	2.9
Cycle Q Clear(g_c), s	16.9	0.0	18.6	31.7	0.0	8.9	16.5	20.0	20.0	9.9	14.5	2.9
Prop In Lane	1.00		0.80	1.00		0.80	1.00		0.41	1.00		1.00
Lane Grp Cap(c), veh/h	280	0	396	178	0	398	241	1931	986	154	1842	817
V/C Ratio(X)	0.29	0.00	0.61	0.61	0.00	0.32	0.89	0.44	0.44	0.83	0.34	0.08
Avail Cap(c_a), veh/h	332	0	463	225	0	466	364	1931	986	338	1842	817
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.38	0.38	0.38	1.00	1.00	1.00
Uniform Delay (d), s/veh	50.1	0.0	46.9	61.0	0.0	43.3	59.5	17.4	17.4	63.0	19.7	16.9
Incr Delay (d2), s/veh	0.6	0.0	1.8	3.3	0.0	0.5	7.0	0.3	0.5	11.0	0.5	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.6	0.0	7.7	3.9	0.0	3.7	7.9	7.9	8.1	5.0	6.2	1.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	50.7	0.0	48.7	64.3	0.0	43.7	66.5	17.7	18.0	74.0	20.2	17.1
LnGrp LOS	D	A	D	E	A	D	E	B	B	E	C	B
Approach Vol, veh/h		324			234			1490			821	
Approach Delay, s/veh		49.2			53.2			24.8			28.4	
Approach LOS		D			D			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	6.5	84.3		39.2	23.3	77.5		39.2				
Change Period (Y+Rc), s	4.4	4.9		4.9	4.4	4.9		4.9				
Max Green Setting (Gmax), s	26.6	59.1		40.1	28.6	57.1		40.1				
Max Q Clear Time (g_c+I1), s	11.9	22.0		20.6	18.5	16.5		33.7				
Green Ext Time (p_c), s	0.3	11.6		1.7	0.4	5.2		0.6				

Intersection Summary	
HCM 6th Ctrl Delay	30.9
HCM 6th LOS	C



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	267	857	139	184	685	353	244	848	167	281	381	167
Future Volume (veh/h)	267	857	139	184	685	353	244	848	167	281	381	167
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.96	1.00		0.97	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	290	932	151	200	745	384	265	922	182	305	414	182
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	319	1450	235	163	1165	520	318	1041	205	338	889	393
Arrive On Green	0.12	0.32	0.32	0.05	0.34	0.34	0.09	0.24	0.24	0.03	0.08	0.08
Sat Flow, veh/h	1781	3058	495	3456	3404	1521	3456	4260	837	3456	3554	1572
Grp Volume(v), veh/h	290	541	542	200	745	384	265	736	368	305	414	182
Grp Sat Flow(s),veh/h/ln	1781	1777	1776	1728	1702	1521	1728	1702	1694	1728	1777	1572
Q Serve(g_s), s	22.5	36.6	36.6	6.6	25.8	31.1	10.6	29.2	29.4	12.3	15.6	15.5
Cycle Q Clear(g_c), s	22.5	36.6	36.6	6.6	25.8	31.1	10.6	29.2	29.4	12.3	15.6	15.5
Prop In Lane	1.00		0.28	1.00		1.00	1.00		0.49	1.00		1.00
Lane Grp Cap(c), veh/h	319	843	842	163	1165	520	318	832	414	338	889	393
V/C Ratio(X)	0.91	0.64	0.64	1.23	0.64	0.74	0.83	0.88	0.89	0.90	0.47	0.46
Avail Cap(c_a), veh/h	428	843	842	163	1165	520	410	875	435	338	889	393
HCM Platoon Ratio	0.67	0.67	0.67	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33
Upstream Filter(I)	0.09	0.09	0.09	1.00	1.00	1.00	1.00	1.00	1.00	0.89	0.89	0.89
Uniform Delay (d), s/veh	60.5	37.6	37.6	66.7	38.8	40.5	62.5	51.0	51.1	67.1	55.3	55.3
Incr Delay (d2), s/veh	2.3	0.3	0.3	144.6	2.7	9.0	10.9	10.4	19.2	23.9	0.3	0.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	10.7	16.8	16.8	6.2	11.3	13.0	5.1	13.6	14.7	6.9	7.5	6.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	62.8	37.9	37.9	211.3	41.5	49.6	73.4	61.4	70.3	91.0	55.6	56.0
LnGrp LOS	E	D	D	F	D	D	E	E	E	F	E	E
Approach Vol, veh/h		1373			1329			1369			901	
Approach Delay, s/veh		43.2			69.4			66.1			67.7	
Approach LOS		D			E			E			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.0	71.8	17.3	39.9	29.5	53.3	18.1	39.1
Change Period (Y+Rc), s	4.4	* 5.4	4.4	4.9	4.4	5.4	4.4	4.9
Max Green Setting (Gmax), s	6.6	* 65	16.6	33.1	33.6	37.6	13.7	36.0
Max Q Clear Time (g_c+I1), s	8.6	38.6	12.6	17.6	24.5	33.1	14.3	31.4
Green Ext Time (p_c), s	0.0	8.3	0.3	3.0	0.6	2.8	0.0	2.8

Intersection Summary	
HCM 6th Ctrl Delay	60.9
HCM 6th LOS	E

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	9.1
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	75	83	113	149	69	64
Future Vol, veh/h	75	83	113	149	69	64
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	82	90	123	162	75	70
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	9	9.3	8.9
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	47%	52%
Vol Thru, %	43%	0%	48%
Vol Right, %	57%	53%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	262	158	133
LT Vol	0	75	69
Through Vol	113	0	64
RT Vol	149	83	0
Lane Flow Rate	285	172	145
Geometry Grp	1	1	1
Degree of Util (X)	0.331	0.222	0.191
Departure Headway (Hd)	4.178	4.649	4.749
Convergence, Y/N	Yes	Yes	Yes
Cap	860	771	755
Service Time	2.206	2.689	2.784
HCM Lane V/C Ratio	0.331	0.223	0.192
HCM Control Delay	9.3	9	8.9
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.5	0.8	0.7

Intersection	
Int Delay, s/veh	1.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	56	0	0	159	111	33
Future Vol, veh/h	56	0	0	159	111	33
Conflicting Peds, #/hr	0	10	2	0	0	2
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	61	0	0	173	121	36

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	314	151	159	0	-	0
Stage 1	141	-	-	-	-	-
Stage 2	173	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	679	895	1420	-	-	-
Stage 1	886	-	-	-	-	-
Stage 2	857	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	676	885	1417	-	-	-
Mov Cap-2 Maneuver	676	-	-	-	-	-
Stage 1	884	-	-	-	-	-
Stage 2	855	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.9	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1417	-	676	-	-
HCM Lane V/C Ratio	-	-	0.09	-	-
HCM Control Delay (s)	0	-	10.9	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

Intersection	
Intersection Delay, s/veh	8.9
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	17	194	6	1	238	9	7	3	1	5	4	9
Future Vol, veh/h	17	194	6	1	238	9	7	3	1	5	4	9
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	18	211	7	1	259	10	8	3	1	5	4	10
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.9	9.1	8.2	7.9
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	64%	8%	0%	28%
Vol Thru, %	27%	89%	96%	22%
Vol Right, %	9%	3%	4%	50%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	11	217	248	18
LT Vol	7	17	1	5
Through Vol	3	194	238	4
RT Vol	1	6	9	9
Lane Flow Rate	12	236	270	20
Geometry Grp	1	1	1	1
Degree of Util (X)	0.017	0.275	0.31	0.026
Departure Headway (Hd)	5.125	4.191	4.145	4.794
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	702	844	855	751
Service Time	3.126	2.281	2.231	2.795
HCM Lane V/C Ratio	0.017	0.28	0.316	0.027
HCM Control Delay	8.2	8.9	9.1	7.9
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	1.1	1.3	0.1

Intersection	
Int Delay, s/veh	1.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	159	75	4	138	39	19
Future Vol, veh/h	159	75	4	138	39	19
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	173	82	4	150	42	21

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	255	0	372	214
Stage 1	-	-	-	-	214	-
Stage 2	-	-	-	-	158	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1310	-	629	826
Stage 1	-	-	-	-	822	-
Stage 2	-	-	-	-	871	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1310	-	627	826
Mov Cap-2 Maneuver	-	-	-	-	627	-
Stage 1	-	-	-	-	820	-
Stage 2	-	-	-	-	871	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	10.8
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	681	-	-	1310	-
HCM Lane V/C Ratio	0.093	-	-	0.003	-
HCM Control Delay (s)	10.8	-	-	7.8	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.3	-	-	0	-

Intersection	
Intersection Delay, s/veh	10.1
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	1	96	77	76	91	8	130	61	53	5	68	3
Future Vol, veh/h	1	96	77	76	91	8	130	61	53	5	68	3
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	1	104	84	83	99	9	141	66	58	5	74	3
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	9.5	10.1	10.9	9
HCM LOS	A	B	B	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	53%	1%	43%	7%
Vol Thru, %	25%	55%	52%	89%
Vol Right, %	22%	44%	5%	4%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	244	174	175	76
LT Vol	130	1	76	5
Through Vol	61	96	91	68
RT Vol	53	77	8	3
Lane Flow Rate	265	189	190	83
Geometry Grp	1	1	1	1
Degree of Util (X)	0.364	0.252	0.27	0.122
Departure Headway (Hd)	4.94	4.793	5.101	5.31
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	721	740	696	679
Service Time	3.024	2.882	3.19	3.31
HCM Lane V/C Ratio	0.368	0.255	0.273	0.122
HCM Control Delay	10.9	9.5	10.1	9
HCM Lane LOS	B	A	B	A
HCM 95th-tile Q	1.7	1	1.1	0.4

Intersection	
Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	2	9	7	6	0	0	5	51	13	5	74	0
Future Vol, veh/h	2	9	7	6	0	0	5	51	13	5	74	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	2	10	8	7	0	0	5	55	14	5	80	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.2	7.5	7.3	7.5
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	7%	11%	100%	6%
Vol Thru, %	74%	50%	0%	94%
Vol Right, %	19%	39%	0%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	69	18	6	79
LT Vol	5	2	6	5
Through Vol	51	9	0	74
RT Vol	13	7	0	0
Lane Flow Rate	75	20	7	86
Geometry Grp	1	1	1	1
Degree of Util (X)	0.082	0.022	0.008	0.097
Departure Headway (Hd)	3.944	4.005	4.427	4.048
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	907	884	800	884
Service Time	1.976	2.075	2.5	2.075
HCM Lane V/C Ratio	0.083	0.023	0.009	0.097
HCM Control Delay	7.3	7.2	7.5	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.3	0.1	0	0.3

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕				↱			↱
Traffic Vol, veh/h	80	1297	29	15	1299	14	0	0	25	0	0	109
Future Vol, veh/h	80	1297	29	15	1299	14	0	0	25	0	0	109
Conflicting Peds, #/hr	0	0	3	3	0	0	5	0	0	0	0	5
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	210	-	-	210	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	87	1410	32	16	1412	15	0	0	27	0	0	118

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1427	0	0	1445	0	0	-	-	724	-	-	719
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	473	-	-	465	-	-	0	0	368	0	0	371
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	473	-	-	464	-	-	-	-	367	-	-	369
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.8	0.1	15.6	19.3
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	367	473	-	-	464	-	-	369
HCM Lane V/C Ratio	0.074	0.184	-	-	0.035	-	-	0.321
HCM Control Delay (s)	15.6	14.3	-	-	13	-	-	19.3
HCM Lane LOS	C	B	-	-	B	-	-	C
HCM 95th %tile Q(veh)	0.2	0.7	-	-	0.1	-	-	1.4

Near-Term + Proj AM
11: Mt Everest Blvd & Balboa Ave

John Muir School
03/12/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	64	1142	164	51	950	132	259	105	101	39	122	113
Future Volume (veh/h)	64	1142	164	51	950	132	259	105	101	39	122	113
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	70	1241	178	55	1033	143	282	114	110	42	133	123
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	89	1262	180	70	1234	171	217	88	85	46	145	134
Arrive On Green	0.05	0.40	0.40	0.08	0.79	0.79	0.22	0.22	0.22	0.19	0.19	0.19
Sat Flow, veh/h	1781	3121	445	1781	3134	433	975	394	380	243	769	711
Grp Volume(v), veh/h	70	704	715	55	585	591	506	0	0	298	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1789	1781	1777	1791	1750	0	0	1723	0	0
Q Serve(g_s), s	5.4	54.7	55.5	4.2	28.7	28.8	31.1	0.0	0.0	23.8	0.0	0.0
Cycle Q Clear(g_c), s	5.4	54.7	55.5	4.2	28.7	28.8	31.1	0.0	0.0	23.8	0.0	0.0
Prop In Lane	1.00		0.25	1.00		0.24	0.56		0.22	0.14		0.41
Lane Grp Cap(c), veh/h	89	718	723	70	700	705	389	0	0	325	0	0
V/C Ratio(X)	0.79	0.98	0.99	0.78	0.84	0.84	1.30	0.00	0.00	0.92	0.00	0.00
Avail Cap(c_a), veh/h	160	718	723	135	700	705	389	0	0	358	0	0
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.67	0.67	0.67	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	65.8	41.1	41.4	63.9	12.1	12.1	54.5	0.0	0.0	55.8	0.0	0.0
Incr Delay (d2), s/veh	14.0	29.0	30.9	11.8	7.9	8.0	153.4	0.0	0.0	26.6	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.8	29.4	30.4	2.1	6.3	6.4	30.2	0.0	0.0	12.7	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	79.8	70.2	72.3	75.7	20.0	20.0	207.8	0.0	0.0	82.3	0.0	0.0
LnGrp LOS	E	E	E	E	C	C	F	A	A	F	A	A
Approach Vol, veh/h		1489			1231			506			298	
Approach Delay, s/veh		71.6			22.5			207.8			82.3	
Approach LOS		E			C			F			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	9.9	62.8		31.3	11.4	61.3		36.0				
Change Period (Y+Rc), s	4.4	* 6.2		4.9	4.4	6.2		4.9				
Max Green Setting (Gmax), s	10.6	* 50		29.1	12.6	46.8		31.1				
Max Q Clear Time (g_c+I1), s	6.2	57.5		25.8	7.4	30.8		33.1				
Green Ext Time (p_c), s	0.0	0.0		0.5	0.0	7.3		0.0				

Intersection Summary			
HCM 6th Ctrl Delay			74.9
HCM 6th LOS			E

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Near-Term + Proj PM
1: Mt Herbert Ave & Genesee Ave

John Muir School
03/12/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	11	1302	173	26	842	15	167	7	76	12	3	11
Future Volume (veh/h)	11	1302	173	26	842	15	167	7	76	12	3	11
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.98	1.00		1.00	0.99		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	12	1415	188	28	915	16	182	8	83	13	3	12
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	21	1682	221	43	1953	34	300	16	100	212	64	150
Arrive On Green	0.01	0.53	0.53	0.02	0.55	0.55	0.22	0.22	0.22	0.22	0.22	0.22
Sat Flow, veh/h	1781	3148	414	1781	3573	62	950	69	445	607	284	668
Grp Volume(v), veh/h	12	792	811	28	455	476	273	0	0	28	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1784	1781	1777	1859	1464	0	0	1559	0	0
Q Serve(g_s), s	0.5	26.1	27.0	1.1	10.9	10.9	11.4	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.5	26.1	27.0	1.1	10.9	10.9	12.3	0.0	0.0	0.9	0.0	0.0
Prop In Lane	1.00		0.23	1.00		0.03	0.67		0.30	0.46		0.43
Lane Grp Cap(c), veh/h	21	950	953	43	971	1016	415	0	0	426	0	0
V/C Ratio(X)	0.57	0.83	0.85	0.65	0.47	0.47	0.66	0.00	0.00	0.07	0.00	0.00
Avail Cap(c_a), veh/h	133	1038	1042	138	1035	1083	694	0	0	706	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	34.2	13.6	13.8	33.7	9.6	9.6	25.6	0.0	0.0	21.3	0.0	0.0
Incr Delay (d2), s/veh	21.6	5.6	6.4	15.6	0.4	0.3	1.8	0.0	0.0	0.1	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	10.2	10.8	0.6	3.7	3.9	4.3	0.0	0.0	0.4	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	55.8	19.2	20.2	49.4	10.0	10.0	27.4	0.0	0.0	21.3	0.0	0.0
LnGrp LOS	E	B	C	D	A	A	C	A	A	C	A	A
Approach Vol, veh/h		1615			959			273			28	
Approach Delay, s/veh		20.0			11.1			27.4			21.3	
Approach LOS		B			B			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	6.1	43.0		20.6	5.2	43.9		20.6				
Change Period (Y+Rc), s	4.4	* 5.8		4.9	4.4	5.8		4.9				
Max Green Setting (Gmax), s	5.4	* 41		29.1	5.2	40.6		29.1				
Max Q Clear Time (g_c+I1), s	3.1	29.0		2.9	2.5	12.9		14.3				
Green Ext Time (p_c), s	0.0	8.2		0.1	0.0	6.8		1.4				

Intersection Summary			
HCM 6th Ctrl Delay			17.8
HCM 6th LOS			B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	81	57	211	146	53	160	283	768	129	200	1142	115
Future Volume (veh/h)	81	57	211	146	53	160	283	768	129	200	1142	115
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.99	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	88	62	229	159	58	174	308	835	140	217	1241	125
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	226	94	347	174	112	335	313	2155	359	244	1602	710
Arrive On Green	0.27	0.27	0.27	0.27	0.27	0.27	0.18	0.49	0.49	0.14	0.45	0.45
Sat Flow, veh/h	1145	346	1276	1083	410	1231	1781	4403	734	1781	3554	1575
Grp Volume(v), veh/h	88	0	291	159	0	232	308	644	331	217	1241	125
Grp Sat Flow(s),veh/h/ln	1145	0	1622	1083	0	1641	1781	1702	1732	1781	1777	1575
Q Serve(g_s), s	9.9	0.0	22.3	15.8	0.0	16.8	24.1	16.7	16.9	16.8	41.3	6.6
Cycle Q Clear(g_c), s	26.7	0.0	22.3	38.1	0.0	16.8	24.1	16.7	16.9	16.8	41.3	6.6
Prop In Lane	1.00		0.79	1.00		0.75	1.00		0.42	1.00		1.00
Lane Grp Cap(c), veh/h	226	0	441	174	0	447	313	1666	848	244	1602	710
V/C Ratio(X)	0.39	0.00	0.66	0.91	0.00	0.52	0.98	0.39	0.39	0.89	0.77	0.18
Avail Cap(c_a), veh/h	226	0	441	174	0	447	313	1666	848	364	1602	710
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.61	0.61	0.61	1.00	1.00	1.00
Uniform Delay (d), s/veh	54.5	0.0	45.2	63.9	0.0	43.2	57.5	22.5	22.6	59.4	32.5	22.9
Incr Delay (d2), s/veh	1.1	0.0	3.6	44.5	0.0	1.1	35.5	0.4	0.8	16.4	3.7	0.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.9	0.0	9.5	7.9	0.0	7.0	13.9	6.8	7.1	8.7	18.5	2.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	55.6	0.0	48.8	108.4	0.0	44.3	93.0	22.9	23.4	75.7	36.2	23.5
LnGrp LOS	E	A	D	F	A	D	F	C	C	E	D	C
Approach Vol, veh/h		379			391			1283			1583	
Approach Delay, s/veh		50.4			70.4			39.9			40.6	
Approach LOS		D			E			D			D	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	33.6	73.4		43.0	29.0	68.0		43.0
Change Period (Y+Rc), s	4.4	4.9		4.9	4.4	4.9		4.9
Max Green Setting (Gmax), s	28.6	59.1		38.1	24.6	63.1		38.1
Max Q Clear Time (g_c+I1), s	18.8	18.9		28.7	26.1	43.3		40.1
Green Ext Time (p_c), s	0.4	8.1		1.5	0.0	9.8		0.0

Intersection Summary	
HCM 6th Ctrl Delay	44.6
HCM 6th LOS	D



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	226	930	202	257	866	384	227	538	135	500	747	181
Future Volume (veh/h)	226	930	202	257	866	384	227	538	135	500	747	181
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.96	1.00		0.97	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	246	1011	220	279	941	417	247	585	147	543	812	197
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	272	1205	262	311	1206	534	300	826	202	533	963	426
Arrive On Green	0.05	0.14	0.14	0.09	0.35	0.35	0.09	0.20	0.20	0.21	0.36	0.36
Sat Flow, veh/h	1781	2898	629	3456	3417	1513	3456	4062	996	3456	3554	1573
Grp Volume(v), veh/h	246	619	612	279	938	420	247	488	244	543	812	197
Grp Sat Flow(s),veh/h/ln	1781	1777	1750	1728	1702	1525	1728	1702	1653	1728	1777	1573
Q Serve(g_s), s	19.2	47.5	47.8	11.2	34.4	34.5	9.8	18.7	19.3	21.6	29.4	13.5
Cycle Q Clear(g_c), s	19.2	47.5	47.8	11.2	34.4	34.5	9.8	18.7	19.3	21.6	29.4	13.5
Prop In Lane	1.00		0.36	1.00		0.99	1.00		0.60	1.00		1.00
Lane Grp Cap(c), veh/h	272	739	728	311	1202	539	300	692	336	533	963	426
V/C Ratio(X)	0.90	0.84	0.84	0.90	0.78	0.78	0.82	0.71	0.73	1.02	0.84	0.46
Avail Cap(c_a), veh/h	302	739	728	311	1202	539	385	802	390	533	990	438
HCM Platoon Ratio	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00	1.33	1.33	1.33
Upstream Filter(I)	0.09	0.09	0.09	1.00	1.00	1.00	1.00	1.00	1.00	0.49	0.49	0.49
Uniform Delay (d), s/veh	65.4	55.8	55.9	63.1	40.4	40.4	62.9	51.9	52.1	55.6	42.1	37.0
Incr Delay (d2), s/veh	3.6	1.1	1.2	26.8	5.1	10.7	10.9	2.4	5.6	32.0	3.4	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.5	23.0	22.8	6.1	15.2	14.5	4.8	8.2	8.6	11.4	12.7	5.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	69.1	56.9	57.0	89.9	45.5	51.2	73.8	54.2	57.7	87.6	45.4	37.3
LnGrp LOS	E	E	E	F	D	D	E	D	E	F	D	D
Approach Vol, veh/h		1477			1637			979			1552	
Approach Delay, s/veh		59.0			54.5			60.0			59.2	
Approach LOS		E			D			E			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	17.0	63.6	16.5	42.8	25.8	54.8	26.0	33.4
Change Period (Y+Rc), s	4.4	* 5.4	4.4	4.9	4.4	5.4	4.4	4.9
Max Green Setting (Gmax), s	12.6	* 54	15.6	39.0	23.7	42.6	21.6	33.0
Max Q Clear Time (g_c+I1), s	13.2	49.8	11.8	31.4	21.2	36.5	23.6	21.3
Green Ext Time (p_c), s	0.0	2.7	0.3	3.7	0.2	4.2	0.0	3.8

Intersection Summary	
HCM 6th Ctrl Delay	57.9
HCM 6th LOS	E

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	116	91	93	118	64	82
Future Vol, veh/h	116	91	93	118	64	82
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	126	99	101	128	70	89
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	9.6	9	9.2
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	56%	44%
Vol Thru, %	44%	0%	56%
Vol Right, %	56%	44%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	211	207	146
LT Vol	0	116	64
Through Vol	93	0	82
RT Vol	118	91	0
Lane Flow Rate	229	225	159
Geometry Grp	1	1	1
Degree of Util (X)	0.276	0.291	0.212
Departure Headway (Hd)	4.336	4.655	4.819
Convergence, Y/N	Yes	Yes	Yes
Cap	826	770	743
Service Time	2.373	2.695	2.861
HCM Lane V/C Ratio	0.277	0.292	0.214
HCM Control Delay	9	9.6	9.2
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.1	1.2	0.8

Intersection	
Int Delay, s/veh	1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	30	4	0	133	157	52
Future Vol, veh/h	30	4	0	133	157	52
Conflicting Peds, #/hr	0	10	2	0	0	2
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	33	4	0	145	171	57

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	347	212	230	0	-	0
Stage 1	202	-	-	-	-	-
Stage 2	145	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	650	828	1338	-	-	-
Stage 1	832	-	-	-	-	-
Stage 2	882	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	647	819	1335	-	-	-
Mov Cap-2 Maneuver	647	-	-	-	-	-
Stage 1	830	-	-	-	-	-
Stage 2	880	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.8	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1335	-	663	-	-
HCM Lane V/C Ratio	-	-	0.056	-	-
HCM Control Delay (s)	0	-	10.8	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

Intersection	
Intersection Delay, s/veh	8.9
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	4	183	4	3	224	16	10	10	3	7	10	8
Future Vol, veh/h	4	183	4	3	224	16	10	10	3	7	10	8
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	199	4	3	243	17	11	11	3	8	11	9
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.8	9.2	8.2	8.1
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	43%	2%	1%	28%
Vol Thru, %	43%	96%	92%	40%
Vol Right, %	13%	2%	7%	32%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	23	191	243	25
LT Vol	10	4	3	7
Through Vol	10	183	224	10
RT Vol	3	4	16	8
Lane Flow Rate	25	208	264	27
Geometry Grp	1	1	1	1
Degree of Util (X)	0.035	0.249	0.312	0.037
Departure Headway (Hd)	5.004	4.321	4.253	4.856
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	716	833	851	738
Service Time	3.032	2.336	2.253	2.883
HCM Lane V/C Ratio	0.035	0.25	0.31	0.037
HCM Control Delay	8.2	8.8	9.2	8.1
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	1	1.3	0.1

Intersection	
Int Delay, s/veh	2.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	122	48	21	165	62	14
Future Vol, veh/h	122	48	21	165	62	14
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	133	52	23	179	67	15

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	185	0	384	159
Stage 1	-	-	-	-	159	-
Stage 2	-	-	-	-	225	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1390	-	619	886
Stage 1	-	-	-	-	870	-
Stage 2	-	-	-	-	812	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1390	-	608	886
Mov Cap-2 Maneuver	-	-	-	-	608	-
Stage 1	-	-	-	-	854	-
Stage 2	-	-	-	-	812	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.9	11.4
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	645	-	-	1390	-
HCM Lane V/C Ratio	0.128	-	-	0.016	-
HCM Control Delay (s)	11.4	-	-	7.6	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.4	-	-	0.1	-

Intersection	
Intersection Delay, s/veh	10.2
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	4	108	57	123	89	10	87	55	91	14	34	0
Future Vol, veh/h	4	108	57	123	89	10	87	55	91	14	34	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	117	62	134	97	11	95	60	99	15	37	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	9.5	10.6	10.5	8.9
HCM LOS	A	B	B	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	37%	2%	55%	29%
Vol Thru, %	24%	64%	40%	71%
Vol Right, %	39%	34%	5%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	233	169	222	48
LT Vol	87	4	123	14
Through Vol	55	108	89	34
RT Vol	91	57	10	0
Lane Flow Rate	253	184	241	52
Geometry Grp	1	1	1	1
Degree of Util (X)	0.343	0.245	0.335	0.079
Departure Headway (Hd)	4.87	4.808	5.003	5.473
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	732	738	712	658
Service Time	2.945	2.892	3.083	3.473
HCM Lane V/C Ratio	0.346	0.249	0.338	0.079
HCM Control Delay	10.5	9.5	10.6	8.9
HCM Lane LOS	B	A	B	A
HCM 95th-tile Q	1.5	1	1.5	0.3

Intersection	
Intersection Delay, s/veh	7.5
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	1	2	1	4	5	1	6	93	9	3	61	3
Future Vol, veh/h	1	2	1	4	5	1	6	93	9	3	61	3
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	1	2	1	4	5	1	7	101	10	3	66	3
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.3	7.4	7.6	7.4
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	6%	25%	40%	4%
Vol Thru, %	86%	50%	50%	91%
Vol Right, %	8%	25%	10%	4%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	108	4	10	67
LT Vol	6	1	4	3
Through Vol	93	2	5	61
RT Vol	9	1	1	3
Lane Flow Rate	117	4	11	73
Geometry Grp	1	1	1	1
Degree of Util (X)	0.13	0.005	0.013	0.082
Departure Headway (Hd)	3.977	4.169	4.284	4.031
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	902	846	825	888
Service Time	1.999	2.254	2.367	2.061
HCM Lane V/C Ratio	0.13	0.005	0.013	0.082
HCM Control Delay	7.6	7.3	7.4	7.4
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.4	0	0	0.3

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	138	1500	60	28	1283	19	0	0	15	0	0	70
Future Vol, veh/h	138	1500	60	28	1283	19	0	0	15	0	0	70
Conflicting Peds, #/hr	0	0	3	3	0	0	5	0	0	0	0	5
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	210	-	-	210	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	150	1630	65	30	1395	21	0	0	16	0	0	76

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1416	0	0	1698	0	0	-	-	851	-	-	713
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	477	-	-	371	-	-	0	0	303	0	0	374
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	477	-	-	370	-	-	-	-	302	-	-	372
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.3	0.3	17.6	17.1
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	302	477	-	-	370	-	-	372
HCM Lane V/C Ratio	0.054	0.314	-	-	0.082	-	-	0.205
HCM Control Delay (s)	17.6	16	-	-	15.6	-	-	17.1
HCM Lane LOS	C	C	-	-	C	-	-	C
HCM 95th %tile Q(veh)	0.2	1.3	-	-	0.3	-	-	0.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	80	1308	177	92	1186	90	117	62	49	53	105	138
Future Volume (veh/h)	80	1308	177	92	1186	90	117	62	49	53	105	138
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	87	1422	192	100	1289	98	127	67	53	58	114	150
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	102	1408	188	97	1487	113	144	76	60	59	116	153
Arrive On Green	0.06	0.45	0.45	0.02	0.15	0.15	0.16	0.16	0.16	0.19	0.19	0.19
Sat Flow, veh/h	1781	3149	421	1781	3347	254	902	476	376	307	604	794
Grp Volume(v), veh/h	87	796	818	100	683	704	247	0	0	322	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1793	1781	1777	1824	1753	0	0	1705	0	0
Q Serve(g_s), s	6.8	62.6	62.6	7.6	52.6	52.9	19.3	0.0	0.0	26.3	0.0	0.0
Cycle Q Clear(g_c), s	6.8	62.6	62.6	7.6	52.6	52.9	19.3	0.0	0.0	26.3	0.0	0.0
Prop In Lane	1.00		0.23	1.00		0.14	0.51		0.21	0.18		0.47
Lane Grp Cap(c), veh/h	102	794	802	97	789	810	281	0	0	329	0	0
V/C Ratio(X)	0.85	1.00	1.02	1.03	0.87	0.87	0.88	0.00	0.00	0.98	0.00	0.00
Avail Cap(c_a), veh/h	102	794	802	97	789	810	338	0	0	329	0	0
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.55	0.55	0.55	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	65.4	38.7	38.7	68.7	55.6	55.8	57.5	0.0	0.0	56.2	0.0	0.0
Incr Delay (d2), s/veh	46.8	32.4	37.0	77.1	7.2	7.2	19.8	0.0	0.0	43.9	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.4	33.9	35.3	5.7	26.8	27.7	10.1	0.0	0.0	15.3	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	112.2	71.1	75.7	145.9	62.8	63.0	77.3	0.0	0.0	100.1	0.0	0.0
LnGrp LOS	F	F	F	F	E	E	E	A	A	F	A	A
Approach Vol, veh/h		1701			1487			247			322	
Approach Delay, s/veh		75.4			68.5			77.3			100.1	
Approach LOS		E			E			E			F	

Timer - Assigned Phs	1	2	4	5	6	8
Phs Duration (G+Y+Rc), s	12.0	68.8	31.9	12.4	68.4	27.3
Change Period (Y+Rc), s	4.4	* 6.2	4.9	4.4	6.2	4.9
Max Green Setting (Gmax), s	7.6	* 59	27.0	8.0	57.6	27.0
Max Q Clear Time (g_c+I1), s	9.6	64.6	28.3	8.8	54.9	21.3
Green Ext Time (p_c), s	0.0	0.0	0.0	0.0	2.1	0.7

Intersection Summary		
HCM 6th Ctrl Delay	74.9	
HCM 6th LOS	E	

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

APPENDIX I

HORIZON YEAR 2035 TRAFFIC VOLUME FORECASTS

INTERSECTION	DIRECTION	EXISTING + NT CUMULATIVE Figure 9-3						Chen Ryan Adjusted "Final" 2050					
		Ram	Rpm	Tam	Tpm	Lam	Lpm	Ram	Rpm	Tam	Tpm	Lam	Lpm
1 Genesee Ave / Mt Herbert Ave	Sb	36	11	6	3	22	12	50	20	0	10	20	20
	Wb	14	15	1106	842	26	26	10	50	1180	779	60	40
	Nb	19	41	6	7	190	125	50	60	0	10	190	110
	Eb	70	140	574	1302	9	11	60	140	620	1364	40	20
2 Genesee Ave / Mt Etna Dr	Sb	60	115	551	1107	118	200	78	186	610	1110	140	200
	Wb	93	160	23	53	99	146	90	140	43	58	100	110
	Nb	161	129	1013	768	156	259	140	170	1140	910	151	277
	Eb	151	176	45	57	75	81	157	200	37	55	84	105
3 Genesee Ave / Balboa Ave	Sb	167	181	354	712	254	465	220	250	462	704	301	484
	Wb	345	379	661	852	184	257	357	430	860	1120	120	340
	Nb	167	135	815	519	244	227	80	120	797	575	310	300
	Eb	139	202	857	930	267	226	300	280	1060	1040	240	360
4 Mt Herbert Ave / Mt Etna Dr	Sb	0	0	39	68	37	45	0	0	50	75	45	50
	Wb	40	35	0	0	51	102	45	40	0	0	50	105
	Nb	133	97	97	72	0	0	135	100	115	75	0	0
	Eb	0	0	0	0	0	0	0	0	0	0	0	0
5 Mt Herbert Ave / Mt King Dr	Sb	33	52	62	129	0	0	40	55	65	135	0	0
	Wb	0	0	0	0	0	0	0	0	0	0	0	0
	Nb	0	0	127	91	0	0	0	0	140	95	0	0
	Eb	0	4	0	0	56	30	0	5	0	0	65	35
6 Mt Etna Dr / Mt Foraker Ave	Sb	9	8	4	10	5	7	10	10	5	10	5	10
	Wb	9	16	133	162	1	3	10	20	130	135	5	5
	Nb	1	3	3	10	7	10	5	5	5	10	10	10
	Eb	6	4	145	121	17	4	10	5	150	125	20	5
7 Mt Etna Dr / Mt Davis Ave	Sb	0	0	0	0	0	0	0	0	0	0	0	0
	Wb	0	0	49	113	4	21	0	0	50	115	5	25
	Nb	19	14	0	0	23	52	5	0	0	0	5	0
	Eb	58	28	127	80	0	0	60	30	135	85	0	0
8 Mt Etna Dr / Mt Everest Blvd	Sb	3	0	68	34	5	14	10	10	60	90	20	10
	Wb	8	10	50	65	76	123	10	20	42	101	93	248
	Nb	53	91	61	55	82	59	89	119	50	40	80	110
	Eb	72	50	69	73	1	4	100	50	81	72	10	5
9 Mt Culebra Ave / Mt Durban Dr	Sb	0	3	58	40	5	3	0	5	60	40	5	5
	Wb	0	1	0	5	6	4	0	5	0	5	10	5
	Nb	13	9	35	83	5	6	15	10	35	85	5	10
	Eb	7	1	9	2	2	1	10	5	10	5	5	5
10 Mt Culebra Ave / Balboa Ave	Sb	93	49	0	0	0	0	95	30	0	0	0	0
	Wb	14	19	1294	1276	15	28	15	20	1506	1558	15	30
	Nb	25	15	0	0	0	0	25	20	0	0	0	0
	Eb	29	60	1273	1486	64	128	30	65	1467	1716	65	130
11 Mt Everest Blvd / Balboa Ave	Sb	108	131	122	105	39	53	120	169	123	162	100	90
	Wb	108	76	950	1186	51	92	130	120	1160	1450	190	200
	Nb	101	49	105	62	259	117	130	60	101	64	250	100
	Eb	164	177	1142	1308	40	66	140	180	1300	1500	100	104

INTERSECTION	DIRECTION	Adjustments						FINAL 2035					
		Ram	Rpm	Tam	Tpm	Lam	Lpm	Ram	Rpm	Tam	Tpm	Lam	Lpm
1 Genesee Ave / Mt Herbert Ave	Sb			10		10		50	20	10	10	30	20
	Wb	10	-30		130	-30	-10	20	20	1180	910	30	30
	Nb	-30	-10	10		10	20	20	50	10	10	200	130
	Eb	20				-30		80	140	620	1360	10	20
2 Genesee Ave / Mt Etna Dr	Sb							80	190	610	1110	140	200
	Wb	10	30				50	100	170	40	60	100	160
	Nb	30				10		170	170	1140	910	160	280
	Eb			10				160	200	50	60	80	110
3 Genesee Ave / Balboa Ave	Sb				100			220	250	460	800	300	480
	Wb					100		360	430	860	1120	220	340
	Nb	120	60	110	80			200	180	910	660	310	300
	Eb	-70			100	100	-40	230	280	1060	1140	340	320
4 Mt Herbert Ave / Mt Etna Dr	Sb			-10	-10	-10		0	0	40	70	40	50
	Wb					10		50	40	0	0	60	110
	Nb			-20				140	100	100	80	0	0
	Eb							0	0	0	0	0	0
5 Mt Herbert Ave / Mt King Dr	Sb				-10			40	60	70	130	0	0
	Wb							0	0	0	0	0	0
	Nb			-10				0	0	130	100	0	0
	Eb					-10		0	10	0	0	60	40
6 Mt Etna Dr / Mt Foraker Ave	Sb							10	10	10	10	10	10
	Wb			10	30			10	20	140	170	10	10
	Nb							10	10	10	10	10	10
	Eb							10	10	150	130	20	10
7 Mt Etna Dr / Mt Davis Ave	Sb							0	0	0	0	0	0
	Wb							0	0	50	120	10	30
	Nb	10	20			20	60	20	20	0	0	30	60
	Eb			-10				60	30	130	90	0	0
8 Mt Etna Dr / Mt Everest Blvd	Sb			10	-50	-10	10	10	10	70	40	10	20
	Wb			10	-30	-10	-120	10	20	50	70	80	130
	Nb	-30	-20	20	20	10	-50	60	100	70	60	90	60
	Eb	-20			10			80	50	80	80	10	10
9 Mt Culebra Ave / Mt Durban Dr	Sb							0	10	60	40	10	10
	Wb							0	10	0	10	10	10
	Nb							20	10	40	90	10	10
	Eb							10	10	10	10	10	10
10 Mt Culebra Ave / Balboa Ave	Sb		20					100	50	0	0	0	0
	Wb							20	20	1510	1560	20	30
	Nb							30	20	0	0	0	0
	Eb							30	70	1470	1720	70	130
11 Mt Everest Blvd / Balboa Ave	Sb	-10	-30	10	-50	-60	-30	110	140	130	110	40	60
	Wb	-20	-40			-130	-100	110	80	1160	1450	60	100
	Nb	-20		10	10	10	20	110	60	110	70	260	120
	Eb	30				-50	-30	170	180	1300	1500	50	70

APPENDIX J

HORIZON YEAR 2035 WITHOUT PROJECT INTERSECTION ANALYSIS WORKSHEETS

Year 2035 AM
1: Mt Herbert Ave & Genesee Ave

John Muir School
03/12/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	10	620	80	30	1180	20	200	10	20	30	10	50
Future Volume (veh/h)	10	620	80	30	1180	20	200	10	20	30	10	50
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.98	1.00		0.99	0.99		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	11	674	87	33	1283	22	217	11	22	33	11	54
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	20	1379	178	53	1627	28	419	15	29	186	84	210
Arrive On Green	0.01	0.44	0.44	0.03	0.46	0.46	0.22	0.22	0.22	0.22	0.22	0.22
Sat Flow, veh/h	1781	3155	407	1781	3575	61	1253	66	127	388	372	933
Grp Volume(v), veh/h	11	379	382	33	638	667	250	0	0	98	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1785	1781	1777	1859	1446	0	0	1693	0	0
Q Serve(g_s), s	0.3	7.5	7.5	0.9	14.9	14.9	5.3	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.3	7.5	7.5	0.9	14.9	14.9	7.7	0.0	0.0	2.3	0.0	0.0
Prop In Lane	1.00		0.23	1.00		0.03	0.87		0.09	0.34		0.55
Lane Grp Cap(c), veh/h	20	777	780	53	809	846	463	0	0	479	0	0
V/C Ratio(X)	0.54	0.49	0.49	0.63	0.79	0.79	0.54	0.00	0.00	0.20	0.00	0.00
Avail Cap(c_a), veh/h	189	925	930	204	929	972	964	0	0	1040	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	24.1	9.9	9.9	23.5	11.3	11.3	17.5	0.0	0.0	15.6	0.0	0.0
Incr Delay (d2), s/veh	20.8	0.5	0.5	11.6	4.0	3.9	1.0	0.0	0.0	0.2	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	2.4	2.4	0.5	5.4	5.6	2.4	0.0	0.0	0.8	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	44.9	10.3	10.3	35.1	15.4	15.2	18.5	0.0	0.0	15.8	0.0	0.0
LnGrp LOS	D	B	B	D	B	B	B	A	A	B	A	A
Approach Vol, veh/h		772			1338			250			98	
Approach Delay, s/veh		10.8			15.8			18.5			15.8	
Approach LOS		B			B			B			B	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	5.8	27.2		15.9	5.0	28.1		15.9				
Change Period (Y+Rc), s	4.4	* 5.8		4.9	4.4	5.8		4.9				
Max Green Setting (Gmax), s	5.6	* 26		29.1	5.2	25.6		29.1				
Max Q Clear Time (g_c+I1), s	2.9	9.5		4.3	2.3	16.9		9.7				
Green Ext Time (p_c), s	0.0	4.4		0.5	0.0	5.3		1.4				

Intersection Summary	
HCM 6th Ctrl Delay	14.5
HCM 6th LOS	B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Year 2035 AM
2: Genesee Ave & Mt Etna Dr

John Muir School
03/12/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	80	50	160	100	40	100	160	1140	170	140	610	80
Future Volume (veh/h)	80	50	160	100	40	100	160	1140	170	140	610	80
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	0.99		0.99	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	87	54	174	109	43	109	174	1239	185	152	663	87
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	248	91	295	181	111	281	201	2513	375	178	1949	864
Arrive On Green	0.24	0.24	0.24	0.24	0.24	0.24	0.11	0.56	0.56	0.10	0.55	0.55
Sat Flow, veh/h	1230	385	1241	1144	466	1182	1781	4480	669	1781	3554	1576
Grp Volume(v), veh/h	87	0	228	109	0	152	174	941	483	152	663	87
Grp Sat Flow(s),veh/h/ln	1230	0	1626	1144	0	1649	1781	1702	1745	1781	1777	1576
Q Serve(g_s), s	9.0	0.0	17.4	13.1	0.0	10.8	13.4	23.5	23.5	11.8	14.5	3.7
Cycle Q Clear(g_c), s	19.8	0.0	17.4	30.5	0.0	10.8	13.4	23.5	23.5	11.8	14.5	3.7
Prop In Lane	1.00		0.76	1.00		0.72	1.00		0.38	1.00		1.00
Lane Grp Cap(c), veh/h	248	0	386	181	0	391	201	1910	979	178	1949	864
V/C Ratio(X)	0.35	0.00	0.59	0.60	0.00	0.39	0.87	0.49	0.49	0.85	0.34	0.10
Avail Cap(c_a), veh/h	308	0	466	237	0	472	364	1910	979	338	1949	864
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.25	0.25	0.25	1.00	1.00	1.00
Uniform Delay (d), s/veh	53.2	0.0	47.3	60.9	0.0	44.8	61.1	18.6	18.6	62.0	17.6	15.1
Incr Delay (d2), s/veh	0.8	0.0	1.4	3.2	0.0	0.6	3.0	0.2	0.4	10.8	0.5	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.8	0.0	7.3	4.0	0.0	4.5	6.3	9.3	9.6	5.9	6.1	1.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	54.0	0.0	48.8	64.1	0.0	45.5	64.0	18.9	19.1	72.8	18.0	15.3
LnGrp LOS	D	A	D	E	A	D	E	B	B	E	B	B
Approach Vol, veh/h		315			261			1598			902	
Approach Delay, s/veh		50.2			53.2			23.9			27.0	
Approach LOS		D			D			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	8.4	83.4		38.1	20.2	81.7		38.1				
Change Period (Y+Rc), s	4.4	4.9		4.9	4.4	4.9		4.9				
Max Green Setting (Gmax), s	26.6	59.1		40.1	28.6	57.1		40.1				
Max Q Clear Time (g_c+I1), s	13.8	25.5		21.8	15.4	16.5		32.5				
Green Ext Time (p_c), s	0.3	13.1		1.6	0.4	5.6		0.8				

Intersection Summary	
HCM 6th Ctrl Delay	30.0
HCM 6th LOS	C



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	340	1060	230	220	860	360	310	910	200	300	460	220
Future Volume (veh/h)	340	1060	230	220	860	360	310	910	200	300	460	220
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.95	1.00		0.98	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	370	1152	250	239	935	391	337	989	217	326	500	239
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	396	1348	290	163	1005	420	385	1060	232	338	855	378
Arrive On Green	0.15	0.31	0.31	0.05	0.29	0.29	0.11	0.25	0.25	0.03	0.08	0.08
Sat Flow, veh/h	1781	2903	625	3456	3476	1451	3456	4170	913	3456	3554	1571
Grp Volume(v), veh/h	370	702	700	239	916	410	337	807	399	326	500	239
Grp Sat Flow(s),veh/h/ln	1781	1777	1751	1728	1702	1523	1728	1702	1679	1728	1777	1571
Q Serve(g_s), s	28.8	51.8	52.7	6.6	36.6	36.7	13.4	32.4	32.6	13.2	19.0	20.6
Cycle Q Clear(g_c), s	28.8	51.8	52.7	6.6	36.6	36.7	13.4	32.4	32.6	13.2	19.0	20.6
Prop In Lane	1.00		0.36	1.00		0.95	1.00		0.54	1.00		1.00
Lane Grp Cap(c), veh/h	396	825	813	163	985	441	385	866	427	338	855	378
V/C Ratio(X)	0.93	0.85	0.86	1.47	0.93	0.93	0.88	0.93	0.94	0.96	0.58	0.63
Avail Cap(c_a), veh/h	428	825	813	163	985	441	410	875	432	338	855	378
HCM Platoon Ratio	0.67	0.67	0.67	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33
Upstream Filter(I)	0.09	0.09	0.09	1.00	1.00	1.00	1.00	1.00	1.00	0.91	0.91	0.91
Uniform Delay (d), s/veh	58.6	43.7	44.0	66.7	48.4	48.4	61.2	51.0	51.1	67.5	57.7	58.4
Incr Delay (d2), s/veh	4.1	1.1	1.2	240.5	16.1	28.7	17.9	16.3	27.6	37.2	0.9	3.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	13.8	24.0	24.0	8.4	17.7	17.4	6.9	15.8	16.9	7.9	9.3	9.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	62.6	44.8	45.2	307.2	64.5	77.1	79.2	67.4	78.6	104.7	58.6	61.5
LnGrp LOS	E	D	D	F	E	E	E	E	E	F	E	E
Approach Vol, veh/h		1772			1565			1543			1065	
Approach Delay, s/veh		48.7			104.9			72.9			73.4	
Approach LOS		D			F			E			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.0	70.4	20.0	38.6	35.5	45.9	18.1	40.5
Change Period (Y+Rc), s	4.4	* 5.4	4.4	4.9	4.4	5.4	4.4	4.9
Max Green Setting (Gmax), s	6.6	* 65	16.6	33.1	33.6	37.6	13.7	36.0
Max Q Clear Time (g_c+I1), s	8.6	54.7	15.4	22.6	30.8	38.7	15.2	34.6
Green Ext Time (p_c), s	0.0	6.5	0.2	3.1	0.4	0.0	0.0	1.0

Intersection Summary	
HCM 6th Ctrl Delay	74.2
HCM 6th LOS	E

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	8.4
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	60	50	100	140	40	40
Future Vol, veh/h	60	50	100	140	40	40
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	65	54	109	152	43	43
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	8.3	8.6	8.2
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	55%	50%
Vol Thru, %	42%	0%	50%
Vol Right, %	58%	45%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	240	110	80
LT Vol	0	60	40
Through Vol	100	0	40
RT Vol	140	50	0
Lane Flow Rate	261	120	87
Geometry Grp	1	1	1
Degree of Util (X)	0.287	0.15	0.11
Departure Headway (Hd)	3.964	4.505	4.571
Convergence, Y/N	Yes	Yes	Yes
Cap	908	797	786
Service Time	1.977	2.523	2.588
HCM Lane V/C Ratio	0.287	0.151	0.111
HCM Control Delay	8.6	8.3	8.2
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.2	0.5	0.4

Intersection	
Int Delay, s/veh	2.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	60	0	0	130	70	40
Future Vol, veh/h	60	0	0	130	70	40
Conflicting Peds, #/hr	0	10	2	0	0	2
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	65	0	0	141	76	43

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	241	110	121	0	-	0
Stage 1	100	-	-	-	-	-
Stage 2	141	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	747	943	1467	-	-	-
Stage 1	924	-	-	-	-	-
Stage 2	886	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	744	932	1464	-	-	-
Mov Cap-2 Maneuver	744	-	-	-	-	-
Stage 1	922	-	-	-	-	-
Stage 2	884	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.3	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1464	-	744	-	-
HCM Lane V/C Ratio	-	-	0.088	-	-
HCM Control Delay (s)	0	-	10.3	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

Intersection	
Intersection Delay, s/veh	8.3
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	20	150	10	10	140	10	10	10	10	10	10	10
Future Vol, veh/h	20	150	10	10	140	10	10	10	10	10	10	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	22	163	11	11	152	11	11	11	11	11	11	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.5	8.3	7.9	7.9
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	33%	11%	6%	33%
Vol Thru, %	33%	83%	88%	33%
Vol Right, %	33%	6%	6%	33%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	30	180	160	30
LT Vol	10	20	10	10
Through Vol	10	150	140	10
RT Vol	10	10	10	10
Lane Flow Rate	33	196	174	33
Geometry Grp	1	1	1	1
Degree of Util (X)	0.042	0.227	0.201	0.042
Departure Headway (Hd)	4.65	4.169	4.171	4.65
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	774	847	845	774
Service Time	2.652	2.261	2.27	2.652
HCM Lane V/C Ratio	0.043	0.231	0.206	0.043
HCM Control Delay	7.9	8.5	8.3	7.9
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	0.9	0.7	0.1

Intersection	
Int Delay, s/veh	1.9

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	130	60	10	50	30	20
Future Vol, veh/h	130	60	10	50	30	20
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	141	65	11	54	33	22

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	206	0	250	174
Stage 1	-	-	-	-	174	-
Stage 2	-	-	-	-	76	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1365	-	739	869
Stage 1	-	-	-	-	856	-
Stage 2	-	-	-	-	947	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1365	-	733	869
Mov Cap-2 Maneuver	-	-	-	-	733	-
Stage 1	-	-	-	-	849	-
Stage 2	-	-	-	-	947	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1.3	9.9
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	782	-	-	1365	-
HCM Lane V/C Ratio	0.069	-	-	0.008	-
HCM Control Delay (s)	9.9	-	-	7.7	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0.2	-	-	0	-

Intersection	
Intersection Delay, s/veh	9.5
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	10	80	80	80	50	10	90	70	60	10	70	10
Future Vol, veh/h	10	80	80	80	50	10	90	70	60	10	70	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	11	87	87	87	54	11	98	76	65	11	76	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	9.2	9.5	10.1	8.9
HCM LOS	A	A	B	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	41%	6%	57%	11%
Vol Thru, %	32%	47%	36%	78%
Vol Right, %	27%	47%	7%	11%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	220	170	140	90
LT Vol	90	10	80	10
Through Vol	70	80	50	70
RT Vol	60	80	10	10
Lane Flow Rate	239	185	152	98
Geometry Grp	1	1	1	1
Degree of Util (X)	0.318	0.24	0.214	0.136
Departure Headway (Hd)	4.787	4.681	5.052	5.007
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	746	761	705	709
Service Time	2.853	2.75	3.124	3.087
HCM Lane V/C Ratio	0.32	0.243	0.216	0.138
HCM Control Delay	10.1	9.2	9.5	8.9
HCM Lane LOS	B	A	A	A
HCM 95th-tile Q	1.4	0.9	0.8	0.5

Intersection	
Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	10	10	10	10	0	0	10	40	20	10	60	0
Future Vol, veh/h	10	10	10	10	0	0	10	40	20	10	60	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	11	11	11	11	0	0	11	43	22	11	65	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.3	7.6	7.3	7.5
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	14%	33%	100%	14%
Vol Thru, %	57%	33%	0%	86%
Vol Right, %	29%	33%	0%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	70	30	10	70
LT Vol	10	10	10	10
Through Vol	40	10	0	60
RT Vol	20	10	0	0
Lane Flow Rate	76	33	11	76
Geometry Grp	1	1	1	1
Degree of Util (X)	0.083	0.037	0.013	0.087
Departure Headway (Hd)	3.925	4.073	4.424	4.097
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	909	870	801	873
Service Time	1.963	2.14	2.497	2.131
HCM Lane V/C Ratio	0.084	0.038	0.014	0.087
HCM Control Delay	7.3	7.3	7.6	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.3	0.1	0	0.3

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↰	↑↕		↰	↑↕				↱			↱
Traffic Vol, veh/h	70	1470	30	20	1510	20	0	0	30	0	0	100
Future Vol, veh/h	70	1470	30	20	1510	20	0	0	30	0	0	100
Conflicting Peds, #/hr	0	0	3	3	0	0	5	0	0	0	0	5
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	210	-	-	210	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	76	1598	33	22	1641	22	0	0	33	0	0	109

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1663	0	0	1634	0	0	-	-	819	-	-	837
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	383	-	-	393	-	-	0	0	319	0	0	310
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	383	-	-	392	-	-	-	-	318	-	-	309
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.7	0.2	17.6	22.8
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	318	383	-	-	392	-	-	309
HCM Lane V/C Ratio	0.103	0.199	-	-	0.055	-	-	0.352
HCM Control Delay (s)	17.6	16.7	-	-	14.7	-	-	22.8
HCM Lane LOS	C	C	-	-	B	-	-	C
HCM 95th %tile Q(veh)	0.3	0.7	-	-	0.2	-	-	1.5

Year 2035 AM
11: Mt Everest Blvd & Balboa Ave

John Muir School
03/12/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	50	1300	170	60	1160	110	260	110	110	40	130	110
Future Volume (veh/h)	50	1300	170	60	1160	110	260	110	110	40	130	110
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	54	1413	185	65	1261	120	283	120	120	43	141	120
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	70	1164	151	82	1230	117	237	101	101	46	152	129
Arrive On Green	0.04	0.37	0.37	0.09	0.75	0.75	0.25	0.25	0.25	0.19	0.19	0.19
Sat Flow, veh/h	1781	3162	410	1781	3279	311	946	401	401	245	802	682
Grp Volume(v), veh/h	54	788	810	65	682	699	523	0	0	304	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1795	1781	1777	1813	1748	0	0	1729	0	0
Q Serve(g_s), s	4.2	51.5	51.5	5.0	52.5	52.5	35.1	0.0	0.0	24.2	0.0	0.0
Cycle Q Clear(g_c), s	4.2	51.5	51.5	5.0	52.5	52.5	35.1	0.0	0.0	24.2	0.0	0.0
Prop In Lane	1.00		0.23	1.00		0.17	0.54		0.23	0.14		0.39
Lane Grp Cap(c), veh/h	70	654	661	82	667	680	438	0	0	327	0	0
V/C Ratio(X)	0.78	1.21	1.23	0.79	1.02	1.03	1.19	0.00	0.00	0.93	0.00	0.00
Avail Cap(c_a), veh/h	122	654	661	109	667	680	438	0	0	341	0	0
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.38	0.38	0.38	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	66.7	44.2	44.2	62.9	17.5	17.5	52.5	0.0	0.0	55.8	0.0	0.0
Incr Delay (d2), s/veh	16.7	106.4	114.6	10.3	27.4	28.8	107.5	0.0	0.0	30.4	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.2	41.8	43.7	2.4	15.5	16.1	28.4	0.0	0.0	13.3	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	83.3	150.6	158.9	73.2	44.9	46.3	160.0	0.0	0.0	86.2	0.0	0.0
LnGrp LOS	F	F	F	E	F	F	F	A	A	F	A	A
Approach Vol, veh/h		1652			1446			523			304	
Approach Delay, s/veh		152.5			46.8			160.0			86.2	
Approach LOS		F			D			F			F	
Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	10.9	57.7		31.4	9.9	58.7		40.0				
Change Period (Y+Rc), s	4.4	* 6.2		4.9	4.4	6.2		4.9				
Max Green Setting (Gmax), s	8.6	* 49		27.6	9.6	47.3		35.1				
Max Q Clear Time (g_c+I1), s	7.0	53.5		26.2	6.2	54.5		37.1				
Green Ext Time (p_c), s	0.0	0.0		0.3	0.0	0.0		0.0				
Intersection Summary												
HCM 6th Ctrl Delay			109.4									
HCM 6th LOS			F									

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Year 2035 PM
1: Mt Herbert Ave & Genesee Ave

John Muir School
03/12/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	20	1360	140	30	910	20	130	10	50	20	10	20
Future Volume (veh/h)	20	1360	140	30	910	20	130	10	50	20	10	20
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.98	1.00		1.00	0.98		0.99	1.00		0.98
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	22	1478	152	33	989	22	141	11	54	22	11	22
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	36	1818	185	49	2015	45	266	23	69	166	90	118
Arrive On Green	0.02	0.56	0.56	0.03	0.57	0.57	0.18	0.18	0.18	0.18	0.18	0.18
Sat Flow, veh/h	1781	3248	331	1781	3554	79	966	128	388	494	505	666
Grp Volume(v), veh/h	22	802	828	33	495	516	206	0	0	55	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1802	1781	1777	1856	1482	0	0	1666	0	0
Q Serve(g_s), s	0.8	23.3	24.0	1.2	10.7	10.7	6.7	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.8	23.3	24.0	1.2	10.7	10.7	8.4	0.0	0.0	1.7	0.0	0.0
Prop In Lane	1.00		0.18	1.00		0.04	0.68		0.26	0.40		0.40
Lane Grp Cap(c), veh/h	36	994	1008	49	1008	1053	357	0	0	374	0	0
V/C Ratio(X)	0.61	0.81	0.82	0.67	0.49	0.49	0.58	0.00	0.00	0.15	0.00	0.00
Avail Cap(c_a), veh/h	144	1126	1142	150	1123	1173	751	0	0	789	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	31.2	11.4	11.5	30.9	8.3	8.3	25.0	0.0	0.0	22.4	0.0	0.0
Incr Delay (d2), s/veh	15.6	4.0	4.4	14.5	0.4	0.4	1.5	0.0	0.0	0.2	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.5	8.4	8.8	0.7	3.4	3.6	3.0	0.0	0.0	0.7	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	46.8	15.3	15.9	45.4	8.7	8.7	26.5	0.0	0.0	22.6	0.0	0.0
LnGrp LOS	D	B	B	D	A	A	C	A	A	C	A	A
Approach Vol, veh/h		1652			1044			206			55	
Approach Delay, s/veh		16.0			9.9			26.5			22.6	
Approach LOS		B			A			C			C	
Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	6.2	41.7		16.3	5.7	42.2		16.3				
Change Period (Y+Rc), s	4.4	* 5.8		4.9	4.4	5.8		4.9				
Max Green Setting (Gmax), s	5.4	* 41		29.1	5.2	40.6		29.1				
Max Q Clear Time (g_c+I1), s	3.2	26.0		3.7	2.8	12.7		10.4				
Green Ext Time (p_c), s	0.0	9.9		0.2	0.0	7.6		1.1				
Intersection Summary												
HCM 6th Ctrl Delay			14.7									
HCM 6th LOS			B									

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	110	60	200	160	60	170	280	910	170	200	1110	190
Future Volume (veh/h)	110	60	200	160	60	170	280	910	170	200	1110	190
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	0.99		0.99	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	120	65	217	174	65	185	304	989	185	217	1207	207
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	211	102	341	182	116	331	313	2113	394	244	1602	710
Arrive On Green	0.27	0.27	0.27	0.27	0.27	0.27	0.18	0.49	0.49	0.14	0.45	0.45
Sat Flow, veh/h	1126	375	1252	1092	427	1216	1781	4317	806	1781	3554	1575
Grp Volume(v), veh/h	120	0	282	174	0	250	304	779	395	217	1207	207
Grp Sat Flow(s),veh/h/ln	1126	0	1627	1092	0	1643	1781	1702	1719	1781	1777	1575
Q Serve(g_s), s	14.3	0.0	21.4	16.7	0.0	18.3	23.7	21.2	21.3	16.8	39.6	11.6
Cycle Q Clear(g_c), s	32.6	0.0	21.4	38.1	0.0	18.3	23.7	21.2	21.3	16.8	39.6	11.6
Prop In Lane	1.00		0.77	1.00		0.74	1.00		0.47	1.00		1.00
Lane Grp Cap(c), veh/h	211	0	443	182	0	447	313	1666	841	244	1602	710
V/C Ratio(X)	0.57	0.00	0.64	0.96	0.00	0.56	0.97	0.47	0.47	0.89	0.75	0.29
Avail Cap(c_a), veh/h	211	0	443	182	0	447	313	1666	841	364	1602	710
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.34	0.34	0.34	1.00	1.00	1.00
Uniform Delay (d), s/veh	57.7	0.0	44.9	63.7	0.0	43.7	57.3	23.7	23.7	59.4	32.0	24.3
Incr Delay (d2), s/veh	3.6	0.0	3.0	54.0	0.0	1.6	22.8	0.3	0.6	16.4	3.3	1.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.3	0.0	9.0	9.0	0.0	7.7	12.7	8.6	8.8	8.7	17.6	4.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	61.3	0.0	47.9	117.7	0.0	45.3	80.2	24.0	24.3	75.7	35.3	25.4
LnGrp LOS	E	A	D	F	A	D	F	C	C	E	D	C
Approach Vol, veh/h		402			424			1478			1631	
Approach Delay, s/veh		51.9			75.0			35.6			39.4	
Approach LOS		D			E			D			D	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	33.6	73.4		43.0	29.0	68.0		43.0
Change Period (Y+Rc), s	4.4	4.9		4.9	4.4	4.9		4.9
Max Green Setting (Gmax), s	28.6	59.1		38.1	24.6	63.1		38.1
Max Q Clear Time (g_c+I1), s	18.8	23.3		34.6	25.7	41.6		40.1
Green Ext Time (p_c), s	0.4	10.2		0.8	0.0	10.3		0.0

Intersection Summary	
HCM 6th Ctrl Delay	43.1
HCM 6th LOS	D



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	320	1140	280	340	1120	430	300	660	180	480	800	250
Future Volume (veh/h)	320	1140	280	340	1120	430	300	660	180	480	800	250
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.96	1.00		0.97	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	348	1239	304	370	1217	467	326	717	196	522	870	272
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	300	1166	282	262	1143	437	336	882	237	533	991	439
Arrive On Green	0.06	0.14	0.14	0.08	0.32	0.32	0.10	0.22	0.22	0.21	0.37	0.37
Sat Flow, veh/h	1781	2832	684	3456	3584	1370	3456	3974	1070	3456	3554	1573
Grp Volume(v), veh/h	348	770	773	370	1156	528	326	613	300	522	870	272
Grp Sat Flow(s),veh/h/ln	1781	1777	1739	1728	1702	1551	1728	1702	1641	1728	1777	1573
Q Serve(g_s), s	23.6	57.6	57.6	10.6	44.6	44.6	13.2	23.9	24.4	21.0	32.0	19.8
Cycle Q Clear(g_c), s	23.6	57.6	57.6	10.6	44.6	44.6	13.2	23.9	24.4	21.0	32.0	19.8
Prop In Lane	1.00		0.39	1.00		0.88	1.00		0.65	1.00		1.00
Lane Grp Cap(c), veh/h	300	732	716	262	1085	494	336	755	364	533	991	439
V/C Ratio(X)	1.16	1.05	1.08	1.41	1.06	1.07	0.97	0.81	0.83	0.98	0.88	0.62
Avail Cap(c_a), veh/h	300	732	716	262	1085	494	336	802	387	533	1041	461
HCM Platoon Ratio	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00	1.33	1.33	1.33
Upstream Filter(I)	0.09	0.09	0.09	1.00	1.00	1.00	1.00	1.00	1.00	0.51	0.51	0.51
Uniform Delay (d), s/veh	66.1	60.5	60.5	64.7	47.7	47.7	63.0	51.7	51.9	55.4	41.8	38.0
Incr Delay (d2), s/veh	75.3	27.7	38.5	207.5	46.2	60.1	41.2	6.0	13.0	22.8	4.6	1.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	17.6	33.3	34.7	12.2	25.8	25.4	7.7	10.9	11.4	10.5	13.9	7.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	141.4	88.2	99.0	272.2	93.9	107.8	104.2	57.7	64.9	78.2	46.3	39.2
LnGrp LOS	F	F	F	F	F	F	F	E	E	E	D	D
Approach Vol, veh/h		1891			2054			1239			1664	
Approach Delay, s/veh		102.4			129.6			71.7			55.2	
Approach LOS		F			F			E			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	35.0	63.0	18.0	44.0	28.0	50.0	26.0	36.0
Change Period (Y+Rc), s	4.4	* 5.4	4.4	4.9	4.4	5.4	4.4	4.9
Max Green Setting (Gmax), s	30.6	* 56	13.6	41.0	23.6	42.7	21.6	33.0
Max Q Clear Time (g_c+I1), s	12.6	59.6	15.2	34.0	25.6	46.6	23.0	26.4
Green Ext Time (p_c), s	0.0	0.0	0.0	3.8	0.0	0.0	0.0	3.2

Intersection Summary	
HCM 6th Ctrl Delay	93.5
HCM 6th LOS	F

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	8.6
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	110	40	80	100	50	70
Future Vol, veh/h	110	40	80	100	50	70
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	120	43	87	109	54	76
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	8.9	8.4	8.6
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	73%	42%
Vol Thru, %	44%	0%	58%
Vol Right, %	56%	27%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	180	150	120
LT Vol	0	110	50
Through Vol	80	0	70
RT Vol	100	40	0
Lane Flow Rate	196	163	130
Geometry Grp	1	1	1
Degree of Util (X)	0.225	0.21	0.167
Departure Headway (Hd)	4.148	4.637	4.618
Convergence, Y/N	Yes	Yes	Yes
Cap	867	774	777
Service Time	2.167	2.661	2.64
HCM Lane V/C Ratio	0.226	0.211	0.167
HCM Control Delay	8.4	8.9	8.6
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.9	0.8	0.6

Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	40	10	0	100	130	60
Future Vol, veh/h	40	10	0	100	130	60
Conflicting Peds, #/hr	0	10	2	0	0	2
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	43	11	0	109	141	65

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	285	186	208	0	-	0
Stage 1	176	-	-	-	-	-
Stage 2	109	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	705	856	1363	-	-	-
Stage 1	855	-	-	-	-	-
Stage 2	916	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	702	846	1360	-	-	-
Mov Cap-2 Maneuver	702	-	-	-	-	-
Stage 1	853	-	-	-	-	-
Stage 2	914	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.4	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1360	-	727	-	-
HCM Lane V/C Ratio	-	-	0.075	-	-
HCM Control Delay (s)	0	-	10.4	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

Intersection	
Intersection Delay, s/veh	8.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	10	130	10	10	170	20	10	10	10	10	10	10
Future Vol, veh/h	10	130	10	10	170	20	10	10	10	10	10	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	11	141	11	11	185	22	11	11	11	11	11	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.3	8.6	7.9	7.9
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	33%	7%	5%	33%
Vol Thru, %	33%	87%	85%	33%
Vol Right, %	33%	7%	10%	33%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	30	150	200	30
LT Vol	10	10	10	10
Through Vol	10	130	170	10
RT Vol	10	10	20	10
Lane Flow Rate	33	163	217	33
Geometry Grp	1	1	1	1
Degree of Util (X)	0.042	0.194	0.249	0.042
Departure Headway (Hd)	4.671	4.288	4.122	4.671
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	770	841	857	770
Service Time	2.68	2.288	2.216	2.68
HCM Lane V/C Ratio	0.043	0.194	0.253	0.043
HCM Control Delay	7.9	8.3	8.6	7.9
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	0.7	1	0.1

Intersection	
Int Delay, s/veh	3.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	90	30	30	120	60	20
Future Vol, veh/h	90	30	30	120	60	20
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	98	33	33	130	65	22

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	131	0	311	115
Stage 1	-	-	-	-	115	-
Stage 2	-	-	-	-	196	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1454	-	681	937
Stage 1	-	-	-	-	910	-
Stage 2	-	-	-	-	837	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1454	-	665	937
Mov Cap-2 Maneuver	-	-	-	-	665	-
Stage 1	-	-	-	-	888	-
Stage 2	-	-	-	-	837	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1.5	10.7
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	717	-	-	1454	-
HCM Lane V/C Ratio	0.121	-	-	0.022	-
HCM Control Delay (s)	10.7	-	-	7.5	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.4	-	-	0.1	-

Intersection	
Intersection Delay, s/veh	9.9
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	10	80	50	130	70	20	60	60	100	20	40	10
Future Vol, veh/h	10	80	50	130	70	20	60	60	100	20	40	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	11	87	54	141	76	22	65	65	109	22	43	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	9.1	10.5	10.1	8.9
HCM LOS	A	B	B	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	27%	7%	59%	29%
Vol Thru, %	27%	57%	32%	57%
Vol Right, %	45%	36%	9%	14%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	220	140	220	70
LT Vol	60	10	130	20
Through Vol	60	80	70	40
RT Vol	100	50	20	10
Lane Flow Rate	239	152	239	76
Geometry Grp	1	1	1	1
Degree of Util (X)	0.316	0.203	0.329	0.109
Departure Headway (Hd)	4.763	4.808	4.95	5.17
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	748	740	720	686
Service Time	2.834	2.887	3.021	3.259
HCM Lane V/C Ratio	0.32	0.205	0.332	0.111
HCM Control Delay	10.1	9.1	10.5	8.9
HCM Lane LOS	B	A	B	A
HCM 95th-tile Q	1.4	0.8	1.4	0.4

Intersection	
Intersection Delay, s/veh	7.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	10	10	10	10	10	10	10	90	10	10	40	10
Future Vol, veh/h	10	10	10	10	10	10	10	90	10	10	40	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	11	11	11	11	11	11	11	98	11	11	43	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.4	7.4	7.8	7.5
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	9%	33%	33%	17%
Vol Thru, %	82%	33%	33%	67%
Vol Right, %	9%	33%	33%	17%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	110	30	30	60
LT Vol	10	10	10	10
Through Vol	90	10	10	40
RT Vol	10	10	10	10
Lane Flow Rate	120	33	33	65
Geometry Grp	1	1	1	1
Degree of Util (X)	0.135	0.038	0.038	0.074
Departure Headway (Hd)	4.061	4.144	4.144	4.071
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	878	850	850	872
Service Time	2.11	2.238	2.238	2.132
HCM Lane V/C Ratio	0.137	0.039	0.039	0.075
HCM Control Delay	7.8	7.4	7.4	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.5	0.1	0.1	0.2

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	130	1720	70	30	1560	20	0	0	20	0	0	50
Future Vol, veh/h	130	1720	70	30	1560	20	0	0	20	0	0	50
Conflicting Peds, #/hr	0	0	3	3	0	0	5	0	0	0	0	5
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	210	-	-	210	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	141	1870	76	33	1696	22	0	0	22	0	0	54

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1718	0	0	1949	0	0	-	-	976	-	-	864
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	365	-	-	296	-	-	0	0	251	0	0	297
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	365	-	-	295	-	-	-	-	250	-	-	296
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.4	0.3	20.8	19.9
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	250	365	-	-	295	-	-	296
HCM Lane V/C Ratio	0.087	0.387	-	-	0.111	-	-	0.184
HCM Control Delay (s)	20.8	21	-	-	18.7	-	-	19.9
HCM Lane LOS	C	C	-	-	C	-	-	C
HCM 95th %tile Q(veh)	0.3	1.8	-	-	0.4	-	-	0.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	70	1500	180	100	1450	80	120	70	60	60	110	140
Future Volume (veh/h)	70	1500	180	100	1450	80	120	70	60	60	110	140
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	76	1630	196	109	1576	87	130	76	65	65	120	152
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	89	1392	165	97	1505	83	144	84	72	64	117	149
Arrive On Green	0.05	0.44	0.44	0.02	0.14	0.14	0.17	0.17	0.17	0.19	0.19	0.19
Sat Flow, veh/h	1781	3199	379	1781	3425	188	839	490	419	329	608	770
Grp Volume(v), veh/h	76	894	932	109	814	849	271	0	0	337	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1801	1781	1777	1836	1749	0	0	1708	0	0
Q Serve(g_s), s	5.9	60.9	60.9	7.6	61.5	61.5	21.3	0.0	0.0	27.0	0.0	0.0
Cycle Q Clear(g_c), s	5.9	60.9	60.9	7.6	61.5	61.5	21.3	0.0	0.0	27.0	0.0	0.0
Prop In Lane	1.00		0.21	1.00		0.10	0.48		0.24	0.19		0.45
Lane Grp Cap(c), veh/h	89	773	784	97	781	807	301	0	0	329	0	0
V/C Ratio(X)	0.85	1.16	1.19	1.13	1.04	1.05	0.90	0.00	0.00	1.02	0.00	0.00
Avail Cap(c_a), veh/h	89	773	784	97	781	807	337	0	0	329	0	0
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.09	0.09	0.09	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	66.0	39.5	39.5	68.7	59.9	59.9	56.8	0.0	0.0	56.5	0.0	0.0
Incr Delay (d2), s/veh	51.0	84.5	98.0	69.5	23.4	27.1	24.3	0.0	0.0	55.6	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.0	44.3	47.8	5.5	34.6	36.5	11.4	0.0	0.0	16.7	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	117.0	124.1	137.5	138.2	83.2	87.0	81.1	0.0	0.0	112.1	0.0	0.0
LnGrp LOS	F	F	F	F	F	F	F	A	A	F	A	A
Approach Vol, veh/h		1902			1772			271			337	
Approach Delay, s/veh		130.4			88.4			81.1			112.1	
Approach LOS		F			F			F			F	

Timer - Assigned Phs	1	2	4	5	6	8
Phs Duration (G+Y+Rc), s	12.0	67.1	31.9	11.4	67.7	29.0
Change Period (Y+Rc), s	4.4	* 6.2	4.9	4.4	6.2	4.9
Max Green Setting (Gmax), s	7.6	* 59	27.0	7.0	58.6	27.0
Max Q Clear Time (g_c+I1), s	9.6	62.9	29.0	7.9	63.5	23.3
Green Ext Time (p_c), s	0.0	0.0	0.0	0.0	0.0	0.5

Intersection Summary	
HCM 6th Ctrl Delay	108.4
HCM 6th LOS	F

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

APPENDIX K

HORIZON YEAR 2035 WITH PROJECT INTERSECTION ANALYSIS WORKSHEETS



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	10	620	137	30	1180	20	232	10	47	30	10	50
Future Volume (veh/h)	10	620	137	30	1180	20	232	10	47	30	10	50
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.98	1.00		0.99	0.99		1.00	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	11	674	149	33	1283	22	252	11	51	33	11	54
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	20	1204	266	52	1558	27	433	14	63	202	90	248
Arrive On Green	0.01	0.42	0.42	0.03	0.44	0.44	0.27	0.27	0.27	0.27	0.27	0.27
Sat Flow, veh/h	1781	2879	636	1781	3574	61	1156	51	234	416	336	922
Grp Volume(v), veh/h	11	416	407	33	638	667	314	0	0	98	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1737	1781	1777	1859	1442	0	0	1674	0	0
Q Serve(g_s), s	0.3	9.5	9.5	1.0	16.8	16.8	8.2	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.3	9.5	9.5	1.0	16.8	16.8	10.6	0.0	0.0	2.4	0.0	0.0
Prop In Lane	1.00		0.37	1.00		0.03	0.80		0.16	0.34		0.55
Lane Grp Cap(c), veh/h	20	743	727	52	775	810	510	0	0	541	0	0
V/C Ratio(X)	0.55	0.56	0.56	0.64	0.82	0.82	0.62	0.00	0.00	0.18	0.00	0.00
Avail Cap(c_a), veh/h	174	850	831	187	854	893	890	0	0	958	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	26.2	11.8	11.8	25.6	13.2	13.2	17.9	0.0	0.0	15.1	0.0	0.0
Incr Delay (d2), s/veh	21.2	0.7	0.7	12.4	6.1	5.8	1.2	0.0	0.0	0.2	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	3.3	3.2	0.6	6.7	7.0	3.3	0.0	0.0	0.8	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	47.4	12.4	12.5	38.0	19.3	19.1	19.1	0.0	0.0	15.3	0.0	0.0
LnGrp LOS	D	B	B	D	B	B	B	A	A	B	A	A
Approach Vol, veh/h		834			1338			314			98	
Approach Delay, s/veh		12.9			19.6			19.1			15.3	
Approach LOS		B			B			B			B	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	5.9	28.1		19.3	5.0	29.0		19.3				
Change Period (Y+Rc), s	4.4	* 5.8		4.9	4.4	5.8		4.9				
Max Green Setting (Gmax), s	5.6	* 26		29.1	5.2	25.6		29.1				
Max Q Clear Time (g_c+I1), s	3.0	11.5		4.4	2.3	18.8		12.6				
Green Ext Time (p_c), s	0.0	4.6		0.5	0.0	4.4		1.8				

Intersection Summary	
HCM 6th Ctrl Delay	17.2
HCM 6th LOS	B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	80	50	187	100	40	100	201	1140	170	140	637	80
Future Volume (veh/h)	80	50	187	100	40	100	201	1140	170	140	637	80
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	0.99		0.99	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	87	54	203	109	43	109	218	1239	185	152	692	87
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	272	87	326	179	119	301	245	2436	364	178	1799	798
Arrive On Green	0.25	0.25	0.25	0.25	0.25	0.25	0.14	0.54	0.54	0.10	0.51	0.51
Sat Flow, veh/h	1230	340	1280	1115	467	1183	1781	4480	669	1781	3554	1576
Grp Volume(v), veh/h	87	0	257	109	0	152	218	941	483	152	692	87
Grp Sat Flow(s),veh/h/ln	1230	0	1620	1115	0	1649	1781	1702	1745	1781	1777	1576
Q Serve(g_s), s	8.7	0.0	19.7	13.4	0.0	10.6	16.8	24.4	24.4	11.8	16.7	4.0
Cycle Q Clear(g_c), s	19.3	0.0	19.7	33.1	0.0	10.6	16.8	24.4	24.4	11.8	16.7	4.0
Prop In Lane	1.00		0.79	1.00		0.72	1.00		0.38	1.00		1.00
Lane Grp Cap(c), veh/h	272	0	413	179	0	420	245	1851	949	178	1799	798
V/C Ratio(X)	0.32	0.00	0.62	0.61	0.00	0.36	0.89	0.51	0.51	0.85	0.38	0.11
Avail Cap(c_a), veh/h	311	0	464	214	0	472	364	1851	949	338	1799	798
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.19	0.19	0.19	1.00	1.00	1.00
Uniform Delay (d), s/veh	50.8	0.0	46.2	60.9	0.0	42.8	59.3	20.1	20.1	62.0	21.2	18.1
Incr Delay (d2), s/veh	0.7	0.0	2.1	3.5	0.0	0.5	3.9	0.2	0.4	10.8	0.6	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.8	0.0	8.2	4.0	0.0	4.4	7.9	9.7	10.0	5.9	7.2	1.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	51.4	0.0	48.3	64.4	0.0	43.4	63.2	20.3	20.5	72.8	21.8	18.3
LnGrp LOS	D	A	D	E	A	D	E	C	C	E	C	B
Approach Vol, veh/h		344			261			1642			931	
Approach Delay, s/veh		49.1			52.1			26.1			29.8	
Approach LOS		D			D			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	8.4	81.0		40.6	23.7	75.8		40.6				
Change Period (Y+Rc), s	4.4	4.9		4.9	4.4	4.9		4.9				
Max Green Setting (Gmax), s	26.6	59.1		40.1	28.6	57.1		40.1				
Max Q Clear Time (g_c+I1), s	13.3	26.4		21.7	18.8	18.7		35.1				
Green Ext Time (p_c), s	0.3	12.9		1.8	0.4	5.9		0.6				

Intersection Summary	
HCM 6th Ctrl Delay	31.8
HCM 6th LOS	C



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	340	1060	230	220	884	368	310	943	200	327	487	220
Future Volume (veh/h)	340	1060	230	220	884	368	310	943	200	327	487	220
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.95	1.00		0.98	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	370	1152	250	239	961	400	337	1025	217	355	529	239
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	393	1341	289	163	1005	418	385	1078	228	338	864	382
Arrive On Green	0.22	0.46	0.46	0.05	0.29	0.29	0.11	0.26	0.26	0.03	0.08	0.08
Sat Flow, veh/h	1781	2903	625	3456	3481	1448	3456	4201	888	3456	3554	1571
Grp Volume(v), veh/h	370	702	700	239	940	421	337	830	412	355	529	239
Grp Sat Flow(s),veh/h/ln	1781	1777	1751	1728	1702	1524	1728	1702	1684	1728	1777	1571
Q Serve(g_s), s	28.6	49.2	50.2	6.6	38.0	38.0	13.4	33.6	33.7	13.7	20.2	20.6
Cycle Q Clear(g_c), s	28.6	49.2	50.2	6.6	38.0	38.0	13.4	33.6	33.7	13.7	20.2	20.6
Prop In Lane	1.00		0.36	1.00		0.95	1.00		0.53	1.00		1.00
Lane Grp Cap(c), veh/h	393	821	809	163	982	440	385	873	432	338	864	382
V/C Ratio(X)	0.94	0.85	0.87	1.47	0.96	0.96	0.88	0.95	0.95	1.05	0.61	0.63
Avail Cap(c_a), veh/h	415	821	809	163	982	440	410	875	433	338	864	382
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33
Upstream Filter(I)	0.09	0.09	0.09	1.00	1.00	1.00	1.00	1.00	1.00	0.87	0.87	0.87
Uniform Delay (d), s/veh	53.7	33.5	33.8	66.7	48.9	49.0	61.2	51.2	51.2	67.7	58.0	58.2
Incr Delay (d2), s/veh	4.7	1.1	1.3	240.5	20.0	33.5	17.9	19.5	31.3	59.3	1.1	2.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	13.3	21.2	21.3	8.4	18.8	18.5	6.9	16.6	17.9	9.2	9.8	9.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	58.4	34.6	35.0	307.2	68.9	82.5	79.2	70.6	82.5	127.0	59.1	61.0
LnGrp LOS	E	C	D	F	E	F	E	E	F	F	E	E
Approach Vol, veh/h		1772			1600			1579			1123	
Approach Delay, s/veh		39.7			108.1			75.5			81.0	
Approach LOS		D			F			E			F	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.0	70.1	20.0	38.9	35.3	45.8	18.1	40.8
Change Period (Y+Rc), s	4.4	* 5.4	4.4	4.9	4.4	5.4	4.4	4.9
Max Green Setting (Gmax), s	6.6	* 65	16.6	33.1	32.6	38.6	13.7	36.0
Max Q Clear Time (g_c+I1), s	8.6	52.2	15.4	22.6	30.6	40.0	15.7	35.7
Green Ext Time (p_c), s	0.0	7.6	0.2	3.3	0.3	0.0	0.0	0.2

Intersection Summary	
HCM 6th Ctrl Delay	74.7
HCM 6th LOS	E

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	84	93	116	156	72	65
Future Vol, veh/h	84	93	116	156	72	65
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	91	101	126	170	78	71
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	9.3	9.5	9.1
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	47%	53%
Vol Thru, %	43%	0%	47%
Vol Right, %	57%	53%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	272	177	137
LT Vol	0	84	72
Through Vol	116	0	65
RT Vol	156	93	0
Lane Flow Rate	296	192	149
Geometry Grp	1	1	1
Degree of Util (X)	0.348	0.251	0.199
Departure Headway (Hd)	4.236	4.69	4.82
Convergence, Y/N	Yes	Yes	Yes
Cap	849	764	743
Service Time	2.27	2.733	2.862
HCM Lane V/C Ratio	0.349	0.251	0.201
HCM Control Delay	9.5	9.3	9.1
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.6	1	0.7

Intersection	
Int Delay, s/veh	1.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	60	0	0	162	119	40
Future Vol, veh/h	60	0	0	162	119	40
Conflicting Peds, #/hr	0	10	2	0	0	2
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	65	0	0	176	129	43

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	329	163	174	0	-	0
Stage 1	153	-	-	-	-	-
Stage 2	176	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	665	882	1403	-	-	-
Stage 1	875	-	-	-	-	-
Stage 2	855	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	662	872	1400	-	-	-
Mov Cap-2 Maneuver	662	-	-	-	-	-
Stage 1	873	-	-	-	-	-
Stage 2	853	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1400	-	662	-	-
HCM Lane V/C Ratio	-	-	0.099	-	-
HCM Control Delay (s)	0	-	11	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

Intersection	
Intersection Delay, s/veh	9.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	20	199	10	10	245	10	10	10	10	10	10	10
Future Vol, veh/h	20	199	10	10	245	10	10	10	10	10	10	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	22	216	11	11	266	11	11	11	11	11	11	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	9.3	9.7	8.3	8.3
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	33%	9%	4%	33%
Vol Thru, %	33%	87%	92%	33%
Vol Right, %	33%	4%	4%	33%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	30	229	265	30
LT Vol	10	20	10	10
Through Vol	10	199	245	10
RT Vol	10	10	10	10
Lane Flow Rate	33	249	288	33
Geometry Grp	1	1	1	1
Degree of Util (X)	0.045	0.303	0.347	0.045
Departure Headway (Hd)	5.021	4.387	4.343	5.021
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	713	821	830	713
Service Time	3.056	2.404	2.359	3.056
HCM Lane V/C Ratio	0.046	0.303	0.347	0.046
HCM Control Delay	8.3	9.3	9.7	8.3
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	1.3	1.6	0.1

Intersection	
Int Delay, s/veh	1.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	162	77	10	139	46	20
Future Vol, veh/h	162	77	10	139	46	20
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	176	84	11	151	50	22

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	260	0	391	218
Stage 1	-	-	-	-	218	-
Stage 2	-	-	-	-	173	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1304	-	613	822
Stage 1	-	-	-	-	818	-
Stage 2	-	-	-	-	857	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1304	-	607	822
Mov Cap-2 Maneuver	-	-	-	-	607	-
Stage 1	-	-	-	-	811	-
Stage 2	-	-	-	-	857	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.5	11.1
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	659	-	-	1304	-
HCM Lane V/C Ratio	0.109	-	-	0.008	-
HCM Control Delay (s)	11.1	-	-	7.8	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.4	-	-	0	-

Intersection	
Intersection Delay, s/veh	10.9
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	10	107	85	80	91	10	138	70	60	10	70	10
Future Vol, veh/h	10	107	85	80	91	10	138	70	60	10	70	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	11	116	92	87	99	11	150	76	65	11	76	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	10.4	10.6	11.9	9.5
HCM LOS	B	B	B	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	51%	5%	44%	11%
Vol Thru, %	26%	53%	50%	78%
Vol Right, %	22%	42%	6%	11%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	268	202	181	90
LT Vol	138	10	80	10
Through Vol	70	107	91	70
RT Vol	60	85	10	10
Lane Flow Rate	291	220	197	98
Geometry Grp	1	1	1	1
Degree of Util (X)	0.418	0.309	0.294	0.149
Departure Headway (Hd)	5.169	5.061	5.379	5.467
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	696	709	669	655
Service Time	3.198	3.092	3.411	3.503
HCM Lane V/C Ratio	0.418	0.31	0.294	0.15
HCM Control Delay	11.9	10.4	10.6	9.5
HCM Lane LOS	B	B	B	A
HCM 95th-tile Q	2.1	1.3	1.2	0.5

Intersection	
Intersection Delay, s/veh	7.5
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	10	10	10	10	0	0	10	56	20	10	76	0
Future Vol, veh/h	10	10	10	10	0	0	10	56	20	10	76	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	11	11	11	11	0	0	11	61	22	11	83	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.4	7.6	7.5	7.6
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	12%	33%	100%	12%
Vol Thru, %	65%	33%	0%	88%
Vol Right, %	23%	33%	0%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	86	30	10	86
LT Vol	10	10	10	10
Through Vol	56	10	0	76
RT Vol	20	10	0	0
Lane Flow Rate	93	33	11	93
Geometry Grp	1	1	1	1
Degree of Util (X)	0.103	0.037	0.014	0.107
Departure Headway (Hd)	3.964	4.13	4.482	4.104
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	899	854	787	870
Service Time	2.009	2.217	2.573	2.145
HCM Lane V/C Ratio	0.103	0.039	0.014	0.107
HCM Control Delay	7.5	7.4	7.6	7.6
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.3	0.1	0	0.4

Intersection	
Int Delay, s/veh	1.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↰	↑↑↱		↰	↑↑↱				↱			↱
Traffic Vol, veh/h	86	1494	30	20	1515	20	0	0	30	0	0	116
Future Vol, veh/h	86	1494	30	20	1515	20	0	0	30	0	0	116
Conflicting Peds, #/hr	0	0	3	3	0	0	5	0	0	0	0	5
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	210	-	-	210	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	93	1624	33	22	1647	22	0	0	33	0	0	126

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1669	0	0	1660	0	0	-	-	832	-	-	840
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	381	-	-	384	-	-	0	0	312	0	0	309
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	381	-	-	383	-	-	-	-	311	-	-	308
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.9	0.2	17.9	24.6
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	311	381	-	-	383	-	-	308
HCM Lane V/C Ratio	0.105	0.245	-	-	0.057	-	-	0.409
HCM Control Delay (s)	17.9	17.5	-	-	15	-	-	24.6
HCM Lane LOS	C	C	-	-	B	-	-	C
HCM 95th %tile Q(veh)	0.3	1	-	-	0.2	-	-	1.9



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	74	1300	170	60	1160	134	260	110	110	40	130	115
Future Volume (veh/h)	74	1300	170	60	1160	134	260	110	110	40	130	115
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	80	1413	185	65	1261	146	283	120	120	43	141	125
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	84	1199	155	71	1194	138	230	97	97	46	152	134
Arrive On Green	0.05	0.38	0.38	0.08	0.74	0.74	0.24	0.24	0.24	0.19	0.19	0.19
Sat Flow, veh/h	1781	3162	410	1781	3209	370	946	401	401	240	788	698
Grp Volume(v), veh/h	80	788	810	65	696	711	523	0	0	309	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1795	1781	1777	1803	1748	0	0	1726	0	0
Q Serve(g_s), s	6.3	53.1	53.1	5.1	52.1	52.1	34.0	0.0	0.0	24.7	0.0	0.0
Cycle Q Clear(g_c), s	6.3	53.1	53.1	5.1	52.1	52.1	34.0	0.0	0.0	24.7	0.0	0.0
Prop In Lane	1.00		0.23	1.00		0.21	0.54		0.23	0.14		0.40
Lane Grp Cap(c), veh/h	84	674	681	71	661	670	424	0	0	332	0	0
V/C Ratio(X)	0.95	1.17	1.19	0.91	1.05	1.06	1.23	0.00	0.00	0.93	0.00	0.00
Avail Cap(c_a), veh/h	84	674	681	71	661	670	424	0	0	346	0	0
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.35	0.35	0.35	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	66.5	43.5	43.5	64.2	17.9	17.9	53.0	0.0	0.0	55.6	0.0	0.0
Incr Delay (d2), s/veh	82.2	91.9	99.7	39.6	36.3	38.9	123.5	0.0	0.0	30.5	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.8	40.3	42.2	3.0	17.5	18.2	29.4	0.0	0.0	13.5	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	148.7	135.4	143.2	103.7	54.2	56.8	176.5	0.0	0.0	86.1	0.0	0.0
LnGrp LOS	F	F	F	F	F	F	F	A	A	F	A	A
Approach Vol, veh/h		1678			1472			523			309	
Approach Delay, s/veh		139.8			57.7			176.5			86.1	
Approach LOS		F			E			F			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	10.0	59.3		31.8	11.0	58.3		38.9				
Change Period (Y+Rc), s	4.4	* 6.2		4.9	4.4	6.2		4.9				
Max Green Setting (Gmax), s	5.6	* 53		28.1	6.6	50.9		34.0				
Max Q Clear Time (g_c+I1), s	7.1	55.1		26.7	8.3	54.1		36.0				
Green Ext Time (p_c), s	0.0	0.0		0.3	0.0	0.0		0.0				

Intersection Summary			
HCM 6th Ctrl Delay		110.1	
HCM 6th LOS		F	

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	20	1360	173	30	910	20	172	10	85	20	10	20
Future Volume (veh/h)	20	1360	173	30	910	20	172	10	85	20	10	20
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.98	1.00		1.00	0.99		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	22	1478	188	33	989	22	187	11	92	22	11	22
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	35	1687	212	48	1918	43	298	18	109	188	102	147
Arrive On Green	0.02	0.53	0.53	0.03	0.54	0.54	0.23	0.23	0.23	0.23	0.23	0.23
Sat Flow, veh/h	1781	3167	398	1781	3553	79	929	78	468	511	437	632
Grp Volume(v), veh/h	22	821	845	33	495	516	290	0	0	55	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1788	1781	1777	1856	1475	0	0	1580	0	0
Q Serve(g_s), s	0.9	29.3	30.5	1.3	12.9	12.9	11.7	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.9	29.3	30.5	1.3	12.9	12.9	13.6	0.0	0.0	1.8	0.0	0.0
Prop In Lane	1.00		0.22	1.00		0.04	0.64		0.32	0.40		0.40
Lane Grp Cap(c), veh/h	35	947	952	48	959	1002	425	0	0	438	0	0
V/C Ratio(X)	0.63	0.87	0.89	0.69	0.52	0.52	0.68	0.00	0.00	0.13	0.00	0.00
Avail Cap(c_a), veh/h	127	992	998	132	990	1034	664	0	0	684	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	35.5	14.8	15.1	35.2	10.7	10.7	26.4	0.0	0.0	22.1	0.0	0.0
Incr Delay (d2), s/veh	16.8	8.0	9.5	16.4	0.4	0.4	1.9	0.0	0.0	0.1	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.5	12.1	13.1	0.8	4.5	4.7	4.8	0.0	0.0	0.7	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	52.3	22.8	24.6	51.6	11.1	11.1	28.4	0.0	0.0	22.3	0.0	0.0
LnGrp LOS	D	C	C	D	B	B	C	A	A	C	A	A
Approach Vol, veh/h		1688			1044			290			55	
Approach Delay, s/veh		24.1			12.4			28.4			22.3	
Approach LOS		C			B			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	6.3	44.6		21.9	5.8	45.1		21.9				
Change Period (Y+Rc), s	4.4	* 5.8		4.9	4.4	5.8		4.9				
Max Green Setting (Gmax), s	5.4	* 41		29.1	5.2	40.6		29.1				
Max Q Clear Time (g_c+I1), s	3.3	32.5		3.8	2.9	14.9		15.6				
Green Ext Time (p_c), s	0.0	6.3		0.2	0.0	7.4		1.5				

Intersection Summary			
HCM 6th Ctrl Delay		20.5	
HCM 6th LOS		C	

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	110	60	235	160	60	170	304	910	170	200	1145	190
Future Volume (veh/h)	110	60	235	160	60	170	304	910	170	200	1145	190
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.99	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	120	65	255	174	65	185	330	989	185	217	1245	207
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	211	90	351	149	116	331	313	2113	394	244	1602	710
Arrive On Green	0.27	0.27	0.27	0.27	0.27	0.27	0.18	0.49	0.49	0.14	0.45	0.45
Sat Flow, veh/h	1126	329	1290	1055	427	1216	1781	4317	806	1781	3554	1575
Grp Volume(v), veh/h	120	0	320	174	0	250	330	779	395	217	1245	207
Grp Sat Flow(s),veh/h/ln	1126	0	1619	1055	0	1643	1781	1702	1719	1781	1777	1575
Q Serve(g_s), s	14.3	0.0	25.1	13.0	0.0	18.3	24.6	21.2	21.3	16.8	41.5	11.6
Cycle Q Clear(g_c), s	32.6	0.0	25.1	38.1	0.0	18.3	24.6	21.2	21.3	16.8	41.5	11.6
Prop In Lane	1.00		0.80	1.00		0.74	1.00		0.47	1.00		1.00
Lane Grp Cap(c), veh/h	211	0	441	149	0	447	313	1666	841	244	1602	710
V/C Ratio(X)	0.57	0.00	0.73	1.16	0.00	0.56	1.05	0.47	0.47	0.89	0.78	0.29
Avail Cap(c_a), veh/h	211	0	441	149	0	447	313	1666	841	364	1602	710
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.30	0.30	0.30	1.00	1.00	1.00
Uniform Delay (d), s/veh	57.7	0.0	46.2	65.7	0.0	43.7	57.7	23.7	23.7	59.4	32.5	24.3
Incr Delay (d2), s/veh	3.6	0.0	5.9	124.5	0.0	1.6	43.3	0.3	0.6	16.4	3.8	1.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.3	0.0	10.9	10.6	0.0	7.7	14.8	8.6	8.8	8.7	18.5	4.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	61.3	0.0	52.1	190.3	0.0	45.3	101.0	23.9	24.3	75.7	36.3	25.4
LnGrp LOS	E	A	D	F	A	D	F	C	C	E	D	C
Approach Vol, veh/h		440			424			1504			1669	
Approach Delay, s/veh		54.6			104.8			40.9			40.1	
Approach LOS		D			F			D			D	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	33.6	73.4		43.0	29.0	68.0		43.0
Change Period (Y+Rc), s	4.4	4.9		4.9	4.4	4.9		4.9
Max Green Setting (Gmax), s	28.6	59.1		38.1	24.6	63.1		38.1
Max Q Clear Time (g_c+I1), s	18.3	23.3		34.6	26.6	43.5		40.1
Green Ext Time (p_c), s	0.4	10.2		0.9	0.0	10.1		0.0

Intersection Summary	
HCM 6th Ctrl Delay	48.8
HCM 6th LOS	D



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	320	1140	280	340	1134	435	300	679	180	515	835	250
Future Volume (veh/h)	320	1140	280	340	1134	435	300	679	180	515	835	250
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.96	1.00		0.97	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	348	1239	304	370	1233	473	326	738	196	560	908	272
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	288	1123	271	336	1193	455	336	919	241	484	969	429
Arrive On Green	0.05	0.13	0.13	0.10	0.33	0.33	0.10	0.23	0.23	0.19	0.36	0.36
Sat Flow, veh/h	1781	2831	684	3456	3588	1370	3456	4002	1049	3456	3554	1573
Grp Volume(v), veh/h	348	770	773	370	1170	536	326	626	308	560	908	272
Grp Sat Flow(s),veh/h/ln	1781	1777	1739	1728	1702	1554	1728	1702	1647	1728	1777	1573
Q Serve(g_s), s	22.6	55.5	55.5	13.6	46.5	46.5	13.2	24.3	24.8	19.6	34.5	20.0
Cycle Q Clear(g_c), s	22.6	55.5	55.5	13.6	46.5	46.5	13.2	24.3	24.8	19.6	34.5	20.0
Prop In Lane	1.00		0.39	1.00		0.88	1.00		0.64	1.00		1.00
Lane Grp Cap(c), veh/h	288	705	690	336	1132	517	336	782	378	484	969	429
V/C Ratio(X)	1.21	1.09	1.12	1.10	1.03	1.04	0.97	0.80	0.81	1.16	0.94	0.63
Avail Cap(c_a), veh/h	288	705	690	336	1132	517	336	802	388	484	990	438
HCM Platoon Ratio	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00	1.33	1.33	1.33
Upstream Filter(I)	0.09	0.09	0.09	1.00	1.00	1.00	1.00	1.00	1.00	0.43	0.43	0.43
Uniform Delay (d), s/veh	66.3	60.8	60.8	63.2	46.7	46.7	63.0	50.9	51.1	57.0	43.5	38.9
Incr Delay (d2), s/veh	97.7	44.4	56.1	79.5	35.8	49.9	41.2	5.7	12.2	81.1	8.1	1.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	18.7	35.3	36.8	9.7	25.2	25.0	7.7	11.0	11.5	13.7	15.5	7.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	164.0	105.2	117.0	142.7	82.5	96.7	104.2	56.6	63.3	138.1	51.6	40.1
LnGrp LOS	F	F	F	F	F	F	F	E	E	F	D	D
Approach Vol, veh/h		1891			2076			1260			1740	
Approach Delay, s/veh		120.8			96.9			70.6			77.6	
Approach LOS		F			F			E			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	18.0	60.9	18.0	43.1	27.0	51.9	24.0	37.1
Change Period (Y+Rc), s	4.4	* 5.4	4.4	4.9	4.4	5.4	4.4	4.9
Max Green Setting (Gmax), s	13.6	* 55	13.6	39.0	22.6	45.7	19.6	33.0
Max Q Clear Time (g_c+I1), s	15.6	57.5	15.2	36.5	24.6	48.5	21.6	26.8
Green Ext Time (p_c), s	0.0	0.0	0.0	1.6	0.0	0.0	0.0	3.1

Intersection Summary	
HCM 6th Ctrl Delay	93.8
HCM 6th LOS	F

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	9.5
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	124	96	101	121	69	84
Future Vol, veh/h	124	96	101	121	69	84
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	135	104	110	132	75	91
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay	9.9	9.3	9.4
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	56%	45%
Vol Thru, %	45%	0%	55%
Vol Right, %	55%	44%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	222	220	153
LT Vol	0	124	69
Through Vol	101	0	84
RT Vol	121	96	0
Lane Flow Rate	241	239	166
Geometry Grp	1	1	1
Degree of Util (X)	0.295	0.313	0.225
Departure Headway (Hd)	4.396	4.706	4.879
Convergence, Y/N	Yes	Yes	Yes
Cap	816	760	733
Service Time	2.439	2.754	2.928
HCM Lane V/C Ratio	0.295	0.314	0.226
HCM Control Delay	9.3	9.9	9.4
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.2	1.3	0.9

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	40	10	0	142	158	60
Future Vol, veh/h	40	10	0	142	158	60
Conflicting Peds, #/hr	0	10	2	0	0	2
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	43	11	0	154	172	65

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	361	217	239	0	-	0
Stage 1	207	-	-	-	-	-
Stage 2	154	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	638	823	1328	-	-	-
Stage 1	828	-	-	-	-	-
Stage 2	874	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	635	814	1325	-	-	-
Mov Cap-2 Maneuver	635	-	-	-	-	-
Stage 1	826	-	-	-	-	-
Stage 2	872	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.9	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1325	-	664	-	-
HCM Lane V/C Ratio	-	-	0.082	-	-
HCM Control Delay (s)	0	-	10.9	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

Intersection	
Intersection Delay, s/veh	9.2
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	10	192	10	10	232	20	10	10	10	10	10	10
Future Vol, veh/h	10	192	10	10	232	20	10	10	10	10	10	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	11	209	11	11	252	22	11	11	11	11	11	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	9.1	9.5	8.2	8.2
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	33%	5%	4%	33%
Vol Thru, %	33%	91%	89%	33%
Vol Right, %	33%	5%	8%	33%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	30	212	262	30
LT Vol	10	10	10	10
Through Vol	10	192	232	10
RT Vol	10	10	20	10
Lane Flow Rate	33	230	285	33
Geometry Grp	1	1	1	1
Degree of Util (X)	0.045	0.28	0.34	0.045
Departure Headway (Hd)	4.97	4.371	4.3	4.97
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	720	825	837	720
Service Time	3.003	2.387	2.315	3.003
HCM Lane V/C Ratio	0.046	0.279	0.341	0.046
HCM Control Delay	8.2	9.1	9.5	8.2
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	1.1	1.5	0.1

Intersection	
Int Delay, s/veh	2.7

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	132	50	30	172	70	20
Future Vol, veh/h	132	50	30	172	70	20
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	143	54	33	187	76	22

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	197	0	423	170
Stage 1	-	-	-	-	170	-
Stage 2	-	-	-	-	253	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1376	-	588	874
Stage 1	-	-	-	-	860	-
Stage 2	-	-	-	-	789	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1376	-	572	874
Mov Cap-2 Maneuver	-	-	-	-	572	-
Stage 1	-	-	-	-	837	-
Stage 2	-	-	-	-	789	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1.1	11.9
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	620	-	-	1376	-
HCM Lane V/C Ratio	0.158	-	-	0.024	-
HCM Control Delay (s)	11.9	-	-	7.7	0
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.6	-	-	0.1	-

Intersection	
Intersection Delay, s/veh	10.9
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	10	115	57	130	94	20	88	60	100	20	40	10
Future Vol, veh/h	10	115	57	130	94	20	88	60	100	20	40	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	11	125	62	141	102	22	96	65	109	22	43	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	10.1	11.5	11.3	9.4
HCM LOS	B	B	B	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	35%	5%	53%	29%
Vol Thru, %	24%	63%	39%	57%
Vol Right, %	40%	31%	8%	14%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	248	182	244	70
LT Vol	88	10	130	20
Through Vol	60	115	94	40
RT Vol	100	57	20	10
Lane Flow Rate	270	198	265	76
Geometry Grp	1	1	1	1
Degree of Util (X)	0.382	0.28	0.385	0.118
Departure Headway (Hd)	5.106	5.096	5.221	5.566
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	706	706	690	644
Service Time	3.135	3.125	3.248	3.603
HCM Lane V/C Ratio	0.382	0.28	0.384	0.118
HCM Control Delay	11.3	10.1	11.5	9.4
HCM Lane LOS	B	B	B	A
HCM 95th-tile Q	1.8	1.1	1.8	0.4

Intersection	
Intersection Delay, s/veh	7.7
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	10	10	10	10	10	10	10	100	10	10	61	10
Future Vol, veh/h	10	10	10	10	10	10	10	100	10	10	61	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	11	11	11	11	11	11	11	109	11	11	66	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.5	7.5	7.9	7.6
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	8%	33%	33%	12%
Vol Thru, %	83%	33%	33%	75%
Vol Right, %	8%	33%	33%	12%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	120	30	30	81
LT Vol	10	10	10	10
Through Vol	100	10	10	61
RT Vol	10	10	10	10
Lane Flow Rate	130	33	33	88
Geometry Grp	1	1	1	1
Degree of Util (X)	0.148	0.039	0.039	0.1
Departure Headway (Hd)	4.081	4.312	4.312	4.097
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	871	835	835	865
Service Time	2.139	2.313	2.313	2.165
HCM Lane V/C Ratio	0.149	0.04	0.04	0.102
HCM Control Delay	7.9	7.5	7.5	7.6
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.5	0.1	0.1	0.3

Intersection	
Int Delay, s/veh	1.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	140	1734	70	30	1567	20	0	0	20	0	0	71
Future Vol, veh/h	140	1734	70	30	1567	20	0	0	20	0	0	71
Conflicting Peds, #/hr	0	0	3	3	0	0	5	0	0	0	0	5
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	210	-	-	210	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	152	1885	76	33	1703	22	0	0	22	0	0	77

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1725	0	0	1964	0	0	-	-	984	-	-	868
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	362	-	-	292	-	-	0	0	248	0	0	296
Stage 1	-	-	-	-	-	-	0	0	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	362	-	-	291	-	-	-	-	247	-	-	295
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.6	0.4	21	21.5
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	247	362	-	-	291	-	-	295
HCM Lane V/C Ratio	0.088	0.42	-	-	0.112	-	-	0.262
HCM Control Delay (s)	21	22	-	-	18.9	-	-	21.5
HCM Lane LOS	C	C	-	-	C	-	-	C
HCM 95th %tile Q(veh)	0.3	2	-	-	0.4	-	-	1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	84	1500	180	100	1450	94	120	70	60	60	110	147
Future Volume (veh/h)	84	1500	180	100	1450	94	120	70	60	60	110	147
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		0.99	1.00		0.99
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	91	1630	196	109	1576	102	130	76	65	65	120	160
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	89	1392	165	97	1489	96	144	84	72	62	114	152
Arrive On Green	0.05	0.44	0.44	0.04	0.29	0.29	0.17	0.17	0.17	0.19	0.19	0.19
Sat Flow, veh/h	1781	3199	379	1781	3389	218	839	490	419	321	593	791
Grp Volume(v), veh/h	91	894	932	109	822	856	271	0	0	345	0	0
Grp Sat Flow(s),veh/h/ln	1781	1777	1801	1781	1777	1831	1749	0	0	1705	0	0
Q Serve(g_s), s	7.0	60.9	60.9	7.6	61.5	61.5	21.3	0.0	0.0	27.0	0.0	0.0
Cycle Q Clear(g_c), s	7.0	60.9	60.9	7.6	61.5	61.5	21.3	0.0	0.0	27.0	0.0	0.0
Prop In Lane	1.00		0.21	1.00		0.12	0.48		0.24	0.19		0.46
Lane Grp Cap(c), veh/h	89	773	784	97	781	804	301	0	0	329	0	0
V/C Ratio(X)	1.02	1.16	1.19	1.13	1.05	1.06	0.90	0.00	0.00	1.05	0.00	0.00
Avail Cap(c_a), veh/h	89	773	784	97	781	804	337	0	0	329	0	0
HCM Platoon Ratio	1.00	1.00	1.00	0.67	0.67	0.67	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	0.14	0.14	0.14	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	66.5	39.5	39.5	67.5	49.4	49.4	56.8	0.0	0.0	56.5	0.0	0.0
Incr Delay (d2), s/veh	101.4	84.5	98.0	74.9	29.0	33.5	24.3	0.0	0.0	63.2	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.7	44.3	47.8	5.5	34.5	36.6	11.4	0.0	0.0	17.4	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	167.9	124.1	137.5	142.3	78.4	82.9	81.1	0.0	0.0	119.7	0.0	0.0
LnGrp LOS	F	F	F	F	F	F	F	A	A	F	A	A
Approach Vol, veh/h		1917			1787			271			345	
Approach Delay, s/veh		132.7			84.5			81.1			119.7	
Approach LOS		F			F			F			F	

Timer - Assigned Phs	1	2	4	5	6	8
Phs Duration (G+Y+Rc), s	12.0	67.1	31.9	11.4	67.7	29.0
Change Period (Y+Rc), s	4.4	* 6.2	4.9	4.4	6.2	4.9
Max Green Setting (Gmax), s	7.6	* 59	27.0	7.0	58.6	27.0
Max Q Clear Time (g_c+I1), s	9.6	62.9	29.0	9.0	63.5	23.3
Green Ext Time (p_c), s	0.0	0.0	0.0	0.0	0.0	0.5

Intersection Summary	
HCM 6th Ctrl Delay	108.5
HCM 6th LOS	F

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.