O'Farrell Charter School
Whole Site Modernization

Initial Study / Mitigated Negative Declaration

Prepared for
San Diego Unified School District

February 2021

San Diego Unified
SCHOOL DISTRICT

ESA

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ACRONYMS

ADA	Americans with Disabilities Act
ALUCP	Airport Land Use Compatibility Plan
BMPs	Best Management Practices
CalEEMod	California Emissions Estimator Model
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
CBC	California Building Code
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CH_4	Methane
CO	Carbon Monoxide
CO_2	Carbon Dioxide
CRHR	California Register of Historic Resources
DTSC	Department of Toxic Substances Control
EIR	Environmental Impact Report
EO	Executive Order
EPA	Environmental Protection Agency
FEMA	Federal Emergency Management Agency
GHG	greenhouse gases
GWh	Gigawatt hours
HRA	Health Risk Assessment
HVAC	Heating/Ventilating/Air Conditioning
I	Interstate
IS	Initial Study

LUST	Leaking Underground Storage Tank
MBTA	Migratory Bird Treaty Act
MTCO2E	metric tons of carbon dioxide equivalent
MND	Mitigated Negative Declaration
MRZ	Mineral Resource Zone
NAHC	Native American Heritage Commission
NHTSA	National Highway Traffic Safety Administration
N_2O	Nitrous Oxide
O_3	ozone
PM	Particulate Matter
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
PRC	Public Resources Code
RAQS	Regional Air Quality Strategies
SANDAG	San Diego Association of Governments
SCIC	South Coastal Information Center
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SDG&E	San Diego Gas and Electric
SLF	Sacred Lands File
SR	State Route
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
VHFHSZ	Very High Fire Hazard Severity Zones
VMT	Vehicle Miles Traveled

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/Mitigated Negative Declaration (MND) to evaluate the potential environmental impacts associated with the O'Farrell Charter School Whole Site Modernization Project (Proposed Project). The Proposed Project would involve repair, renovation, and revitalization of parts of the existing O'Farrell Charter School. Primary improvements, which are described in detail below, would include construction of a new student union building, an improved outdoor gathering space with an outdoor amphitheater, a new building for concessions and restrooms, and a new turf field in the center of campus. Security fencing, drainage improvements, parking circulation enhancements would be installed. In addition, the Proposed Project would modernize several other existing buildings on campus with new flooring, roofing, and interior lighting. The Proposed Project would not create additional capacity that would increase the amount of students or staff present at O'Farrell Charter School, but rather would provide infrastructure improvements to serve the existing student body. 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 Background

This chapter provides a description of the proposed O'Farrell Charter 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 O'Farrell Charter School (Project Site or campus), including construction of a new student union building and outdoor gathering space. The Project would also include new student drop-off areas and parking lot improvements. In addition, the Proposed Project would modernize several other buildings on campus with new flooring, roofing, and interior lighting.

O'Farrell Charter School is one of few transitional kindergarten (TK) through twelfth grade schools within the District, and has experienced growing demand over recent years. Historically O'Farrell Charter School operated as a very large middle school and elementary school (previously known as the O'Farrell Community School) on the western portion of campus, until it added a high school on the eastern portion of campus. As of October 2020, the school served approximately 1,932 students serving grades TK-12. Specifically, the school served 537 students in grades K-5, 816 students in grades 6-8, and 579 students in grades 9-12. In July 2020, the school had requested an increase in enrollment to the District Board of Education. On July 28, 2020, the District Board of Education denied revisions to the school's charter that would have allowed for an increase in its enrollment (District 2020a). The approved enrollment for the school through 2023/2024 is 1,835 students. For the purpose of this analysis, the operational capacity of the school is also 1,835 students.

While a capacity and enrollment increase has not been approved by the District Board of Education, additional improvements to serve the existing student population are needed. As such, school modernization improvements included as part of the Proposed Project would not serve to increase the enrollment of students or staff present on site, but would rather provide infrastructure improvements for the existing student body. While the number of classrooms would increase on campus, the total number of students would not exceed its previously approved enrollment/capacity amount of 1,835 identified above.

2.2 Environmental Setting

2.2.1 Project Location

O'Farrell Charter School is located at 6130 Skyline Drive in the Encanto Neighborhoods community, in the southern portion of the city of San Diego. Encanto is located east of the community of Southeastern San Diego, west of the community of Skyline-Paradise Hills and the city of Lemon Grove, south of the community of Mid-City: Eastern Area, and north of the city of National City. As shown in **Figure 1**, the Project Site is located approximately 1.6 miles east of Interstate (I-) 805 and approximately 1.3 miles southeast of State Route (SR) 94. Local access is provided by Skyline Drive to the south, Imperial Avenue to the north, and Valencia Parkway to the west.

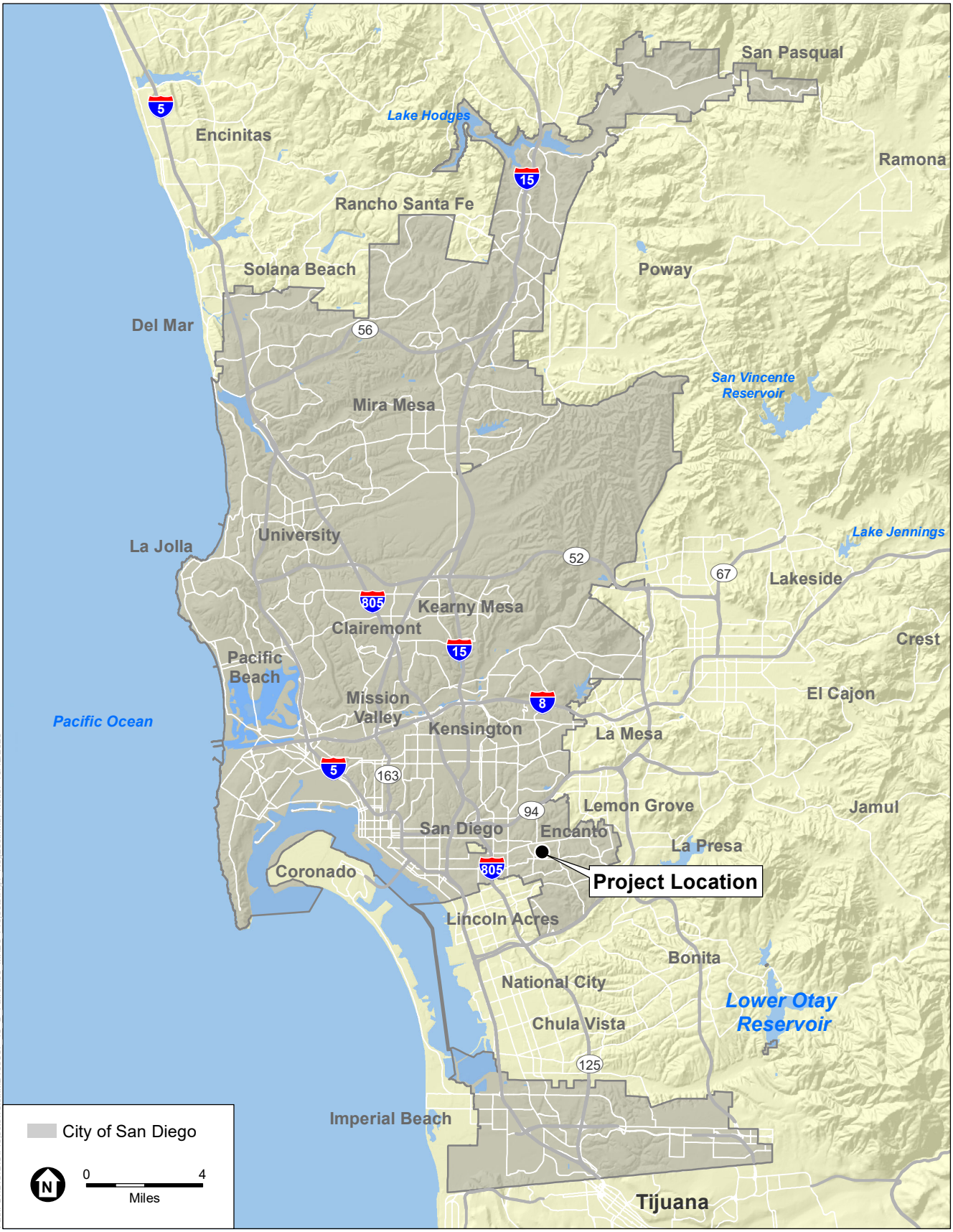
The entire 27.3-acre campus is considered to constitute the Project Site. The Project Site is located entirely within Assessor's Parcel Numbers (APNs) 549-240-07, 549-240-08, and 49-350-01. The Project Site is bound to the north by three residential homes and Pastor Timothy J. Winters Street (previously known as Benson Avenue), to the west by 61st Street, to the south by Skyline Drive, and to the east by single-family residences, as shown in **Figure 2**.

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. Residences surround the Project Site to the north, east, south, and west. A church is located adjacent to and north and south of the Project Site, Martin Luther King Jr. Memorial Park is located approximately 500 feet to the southeast; and Maranha Seventh-Day Adventist Church to the south across Skyline Drive.

2.2.3 Project Site Characteristics

The entire 27.3-acre Project Site is zoned as Residential-Single Unit RS-1-1 (City of San Diego 2019). 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, which is consistent with its use as a school (City of San Diego 2018). By state law, school facilities can be exempted from local zoning ordinances consistent with California Government Code Section 53094. The District Board of Education adopted a resolution on July 10, 2018, exempting O'Farrell Charter School from local zoning ordinances consistent with the Project being carried out as described in this Initial Study.



SOURCE: ESRI; SanGIS

O'Farrell Charter School Whole Site Modernization Project

Figure 1
Regional Location

ESA



SAN/16XX/D160537.00 - San Diego Unified School District On-Call CEQA Services/03 Working Documents/D160537.16 - O'Farrell MND/05 Graphics-GIS-Modeling/Illustrator

SOURCE: Google Earth, 2020; ESA, 2020.

O'Farrell Charter School Whole Site Modernization Project

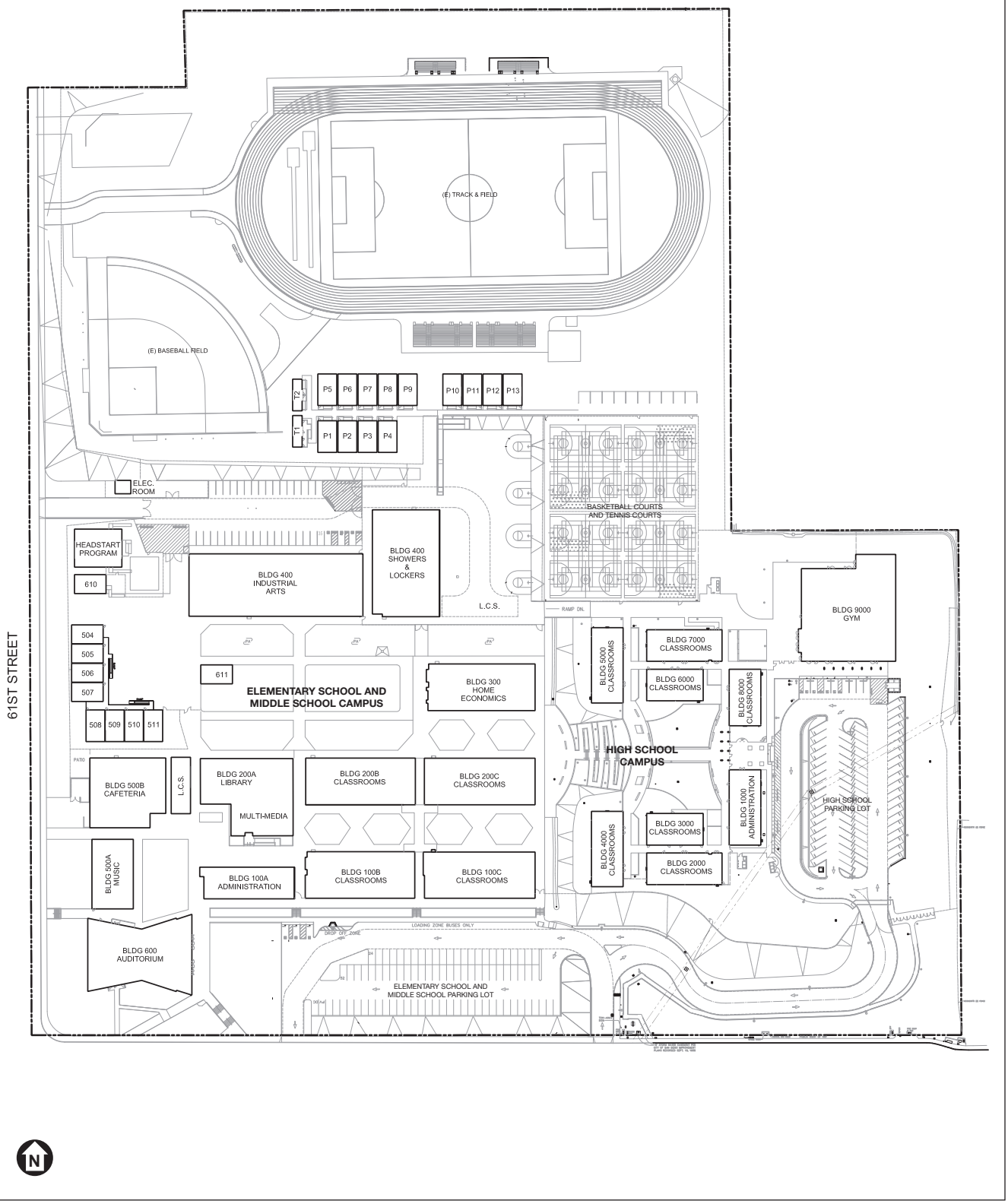
Figure 2
Project Location

ESA

The Project Site is currently occupied by O'Farrell Charter School, which includes O'Farrell Elementary School and O'Farrell Middle School on the western portion of campus, and O'Farrell High School on the eastern portion of the campus. The layout of the existing campus is shown in detail on **Figure 3**. The O'Farrell Community School campus was originally opened in 1960 and has undergone a name change and an expansion in size and facilities given the grades it now serves (District 2013). In 2013, the District approved a modernization project and adopted a Final MND for the campus. Improvements included but were not limited to, window modifications; installation of heating, ventilating, and air conditioning (HVAC) units; Americans with Disabilities Act (ADA) improvements; plumbing upgrades; construction of the high school on the eastern portion of campus (which included eight new classroom buildings and a gym); a new high school parking lot; and playfields, including a football field, baseball field, and running track in the northern portion of campus. In 2016, during construction of the modernization project, Addendum Number 1 to the 2013 Final MND was prepared and adopted, as it was determined that soils that were previously identified for export would need to be reused on site because of soil contamination (District 2016). The use of soils on site resulted in the increase of elevation of the playfields, construction of a berm on the north side of campus, and construction of bioswales throughout campus. Since 2016, the whole campus has been operating as the O'Farrell Charter School, serving kindergarten through twelfth grade students. The school currently has a reported actual student enrollment of 1,932 for the 2020/2021 school year (District 2020b). Currently the school has 84 classrooms including 60 permanent classrooms and 24 relocatable classrooms.

As shown in **Figure 3**, primary classroom development is situated in the southern portion of the Project Site (fronting Skyline Drive and 61st Street). The elementary school and middle school (kindergarten through eighth grade uses are located on the west side of campus, where buildings include permanent and portable classroom buildings, an auditorium, an administrative building, a cafeteria, library, industrial arts building, and locker rooms. The eastern high school portion of campus includes permanent classroom buildings, an administration building, and a gym. Courtyards, play areas, and student seating areas are located throughout the Project Site. Tennis and basketball courts are located north of the high school, adjacent to the northern playfields. Landscaping is limited to shade trees throughout the Project Site and ornamental landscaping along Skyline Drive and in courtyards in between classrooms.

The Project Site includes three surface parking lots, including one located in the central portion of campus accessed from 61st Street, which includes a student drop-off lane, seven general use parking spaces, 28 staff spaces, and three ADA spaces (for a total of 38 parking spaces). The remaining two surface parking lots are both accessible from Skyline Drive via a one-way entrance and one-way exit driveway, with the kindergarten through eighth grade parking lot located parallel to Skyline Drive and the high school parking lot perpendicular to Skyline Drive. The kindergarten through eighth grade parking lot includes 104 general use parking spaces and four ADA spaces (for a total of 108 parking spaces), and the high school parking lot includes a drop-off lane, 34 general use spaces, 19 student spaces, 16 staff spaces, four school van spaces, and four ADA spaces (for a total of 77 parking spaces). The Project Site also includes a fire lane access point along 61st Street north of the baseball field.



SAN/16XXX/D160537.00 - San Diego Unified School District On-Call CEQA Services/03 Working Documents/D160537.16 - O'Farrell MND/05 Graphics-GIS-Modeling/Illustrator

SOURCE: San Diego Unified School District, 2020

O'Farrell Charter School Whole Site Modernization Project

Figure 3
Existing Project Site Layout

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While the Project Site itself is relatively level (with the exception of the high school campus being elevated and a berm in the northern portion of campus), the surrounding topography slopes downward to the southwest. Pastor Timothy J. Winters Street is topographically higher along the northwestern portion of the Project Site, and then slopes down to below the berm located north of the playfields. Skyline Drive, along the southern boundary of the Project Site, is topographically lower than the Project Site along the eastern portion of campus. Vegetated slopes buffer the Project Site to the north, south, and east.

The school is open during the traditional school year (late August through June), and includes summer school sessions on campus. School hours (and the associated bell schedule) vary by grade, but generally encompass 7:00 a.m. to 3:15 p.m. Monday through Friday, except for early dismissal at 1:30 p.m. on Wednesdays. In addition, there are several after-school clubs that run on the campus. At the time of this analysis, due to the Coronavirus pandemic, all curriculum and class time is entirely virtual and there are no students accessing the campus. While the date in which schools reopen to in person learning is uncertain, the current condition is considered temporary. Therefore, for purposes of this analysis, the baseline environmental characteristics are considered as the 2020-2021 school year.

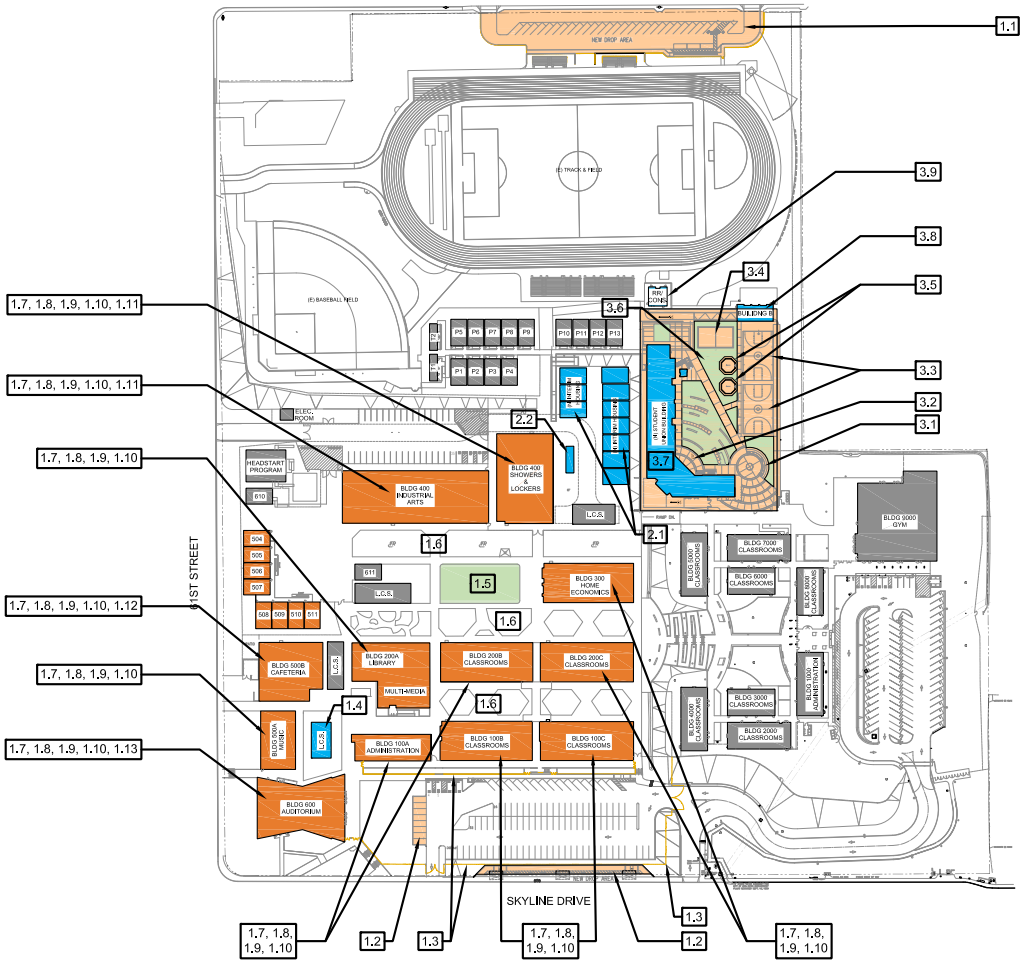
2.3 Project Characteristics

The Proposed Project would modernize the O'Farrell Charter School. Proposed Project components are shown on **Figure 4** and detailed below. The main components include:

- Interim Housing for future Whole Site Modernization
- Student Union and Outdoor Gathering Space
- Whole Site Modernization to Existing Structures
- Access, Parking, and Circulation Improvements
- Landscaping

2.3.1 Interim Housing for Future Whole Site Modernization

To accommodate the students and staff during the interior and exterior modernization elements occurring on the Project Site, ten portable classrooms and one temporary restroom would be installed in the central portion of the campus, south of the existing sports field within an existing hardcourt play area. See elements 2.1 and 2.2 in Figure 4. Modifications to accommodate the interim housing would require the reconfiguration of the existing play area; minor trenching for utilities; and minor grading, grubbing, and re-paving. The interim housing would be removed once the school modernization elements are completed and does not constitute new classroom capacity. Installation of the interim housing would take place between May and August of 2021.



KEY NOTES

4. MODERNIZATION

SITE IMPROVEMENTS

1.1 NEW STUDENT DROP-OFF AND PARKING LOT @ TIMOTHY WINTERS STREET

1.2 NEW STUDENT DROP-OFF AND PARKING LOT IMPROVEMENTS @ SKYLINE DRIVE

1.3 SECURITY FENCING @ MAIN ENTRANCE TO K-8 CAMPUS

1.4 NEW PC LUNCH SHELTER

1.5 NEW TURF FIELD @ ELEMENTARY CAMPUS

1.6 DRAINAGE IMPROVEMENTS THROUGHOUT CAMPUS

BUILDING IMPROVEMENTS

1.7 NEW FLOORING

1.8 NEW INTERIOR LIGHTING

1.9 NEW ROOFING

1.10 REPLACEMENT OF EXTERIOR SOFFITS AND BREEZEWAYS THROUGHOUT CAMPUS

1.11 ADDITION OF KINDER CLASSROOMS @ (E) BLDGS. 400A AND 400B

1.12 NEW KITCHEN EQUIPMENT AND IMPROVEMENTS @ CAFETERIA @ (E) BLDG. 500B

1.13 NEW AUDITORIUM SEATING

2. INTERIM HOUSING

2.1 (10) TEMPORARY PORTABLE CLASSROOMS

2.2 (1) TEMPORARY RESTROOMS

3. STUDENT UNION

BUILDING IMPROVEMENTS

3.1 OUTDOOR AMPITHEATER

3.2 OUTDOOR STAGE WITH LANDSCAPE SEATING

3.3 (2) BASKETBALL COURTS

3.4 VOLLEYBALL COURT

3.5 (2) GAGA PITS

3.6 NEW LANDSCAPE

NEW BUILDINGS

3.7 BUILDING A - STUDENT UNION

3.8 BUILDING B - STORAGE

3.9 BUILDING C - CONCESSIONS / RESTROOMS

GENERAL NOTES

1. FIRE PROTECTION DURING DEMOLITION AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF 2019 CBC, CHAPTER 33.

LEGEND TABLE (NOTE: FOR ADDITIONAL INFORMATION, REFER TO KEY NOTES AND GENERAL NOTES)

- MODERNIZED BUILDING STRUCTURE (OR PART OF IT)
- EXISTING BUILDING STRUCTURES (INCLUDES PORTABLES)
- NEW BUILDING
- TURF FIELD (ARTIF., NATURAL, LANDSC. AREAS, ETC.)
- SITE SCOPE NEW/ REPLACEMENT (CONCRETE, ASPHALT PAV., DG, PLAYGROUNDS, ETC.)
- PROPERTY LINE
- NEW FENCE AND GATES

SOURCE: San Diego Unified School District, 2020

O'Farrell Charter School Whole Site Modernization Project

Figure 4
Project Components

SAN/16XXX/D160537.00 - San Diego Unified School District On-Call CEQA Services/03 Working Documents/D160537.16 - O'Farrell MND/05 Graphics-GIS-Modeling/Illustrator

2.3.2 Student Union and Outdoor Gathering Space

The Proposed Project would include the removal of the existing asphalt tennis and basketball courts located north of the high school campus, and the construction of a new student union and outdoor gathering space. See in particular elements 3.1 through 3.9 in Figure 4. The 19,000 square foot two-story (38-feet in height) student union (element 3.7) would include six new student classrooms, a practice theater, a workout room, breakout rooms, restrooms, and office space. Once completed, the total number of classrooms on campus would be increased from 84 classrooms (60 permanent classrooms and 24 portable classrooms) to 90 classrooms (including the six new classrooms in the proposed student union).

The proposed outdoor gathering space would include an outdoor amphitheater, outdoor stage with landscape seating, two basketball courts, a volleyball court, two gaga pits (a variation of a handball court), and landscaping. The outdoor gathering space would be used as an occasional student gathering and recreational space, and would not be used for outdoor concerts or large events (including pep rallies or band concerts). Additionally, a 300 square foot concession stand/restroom building and a 1,000 square foot storage building would be constructed in support of the student union building. The proposed student union, concession stand/restroom, and storage building would incorporate a stucco, or similar type of material finish, similar to existing buildings on the campus.

2.3.3 Whole Site Modernization

The Proposed Project would include interior and exterior modernization improvements to all permanent buildings on the kindergarten through eighth grade portion of campus (14 buildings). Improvements would include new flooring, roofing, and interior lighting, and replacement of exterior soffits (rafter beams) and breezeways throughout campus. Security fencing would be constructed at the main entrance to the kindergarten through eighth grade portion of campus, including surrounding the kindergarten through eighth grade parking lot. In addition, the auditorium building (Building 600) would receive new interior seating and the cafeteria building would include new kitchen equipment improvements along with a new covered lunch shelter adjacent to the building. Additionally, new bathrooms would be installed within four kindergarten classrooms which are located within the industrial arts building and locker room building (Building 400). During construction, portable temporary classrooms and restrooms would be added to the campus adjacent to the existing locker building to accommodate students while the campus is under construction (element 2.1 on Figure 4).

2.3.4 Access, Parking, and Circulation

As shown on Figure 4 (element 1.1), the Proposed Project would include a new parking lot and drop-off area north of the football field, accessible via a one-way entrance driveway and one-way exit driveway along Pastor Timothy J. Winters Street. The existing landscaped berm along Pastor Timothy J. Winters Street would be graded to make way for the new parking lot, and soil would be balanced elsewhere on site. The new 11,000 square foot asphalt parking lot would include 26 general-use spaces and two ADA spaces, for a total of 28 parking spaces. The parking lot would

be accessed from the school campus via an existing concrete walkway along the perimeter of the football field.

The kindergarten through eighth grade parking lot along Skyline Drive would also be improved with an addition of eight parking spaces east of the auditorium (element 1.2 in Figure 4), in a portion of the existing natural grass area. In addition, the existing slope between Skyline Drive and kindergarten through eighth grade parking lot would be graded with a retaining wall to create a new drop-off area, curb cut along Skyline Drive. Other kindergarten through eighth grade parking lot improvements include repairs to the existing lot, and circulation restriping.

2.3.5 Landscaping

The southern half of the Project Site consists almost entirely of impervious paved surfaces with small portions of ornamental landscaping within courtyards, and the northern half of the Project Site consists of pervious playfields and vegetated berms. The Proposed Project would involve the replacement of paved tennis and basketball courts with a new building, paved hardscapes, and some pervious landscaping. In addition, the Proposed Project would replace the existing natural turf field at the center of campus, south of the industrial arts building, with artificial turf. The Project also includes irrigation and drainage infrastructure repairs and improvements throughout the Project Site. Additional paving would also be required for the proposed northern parking lot and kindergarten through eighth grade parking lot drop-off improvements. Six ornamental trees on the Project Site would be removed to construct the southernmost drop-off area along Skyline Drive. Additional drought tolerant trees and landscaping would be added throughout the site as necessary. Ornamental vegetation may not be replaced in kind. Overall, there would not be a net change in the amount of impervious surfaces on the Project Site.

2.3.6 Operational Changes

In terms of staffing and student enrollment, no operational changes would occur on the Project Site with implementation of the Proposed Project. School modernization improvements included as part of the Proposed Project would not serve to increase the enrollment of students or staff present on site, but would rather provide infrastructure improvements for the existing student body. While the number of classrooms would increase on campus, the total number of student would not exceed its previously approved enrollment/capacity amount of 1,835 students.

2.4 Construction Process and Timeline

Construction would involve demolition of existing paving, site clearing, grading and excavation of an average of 2 feet below grade for building foundations extending five feet beyond the footprint of the proposed student union, installation of improvements and structural development, and site cleanup. Construction would begin May, 2021 and would occur for approximately 36 months in 3 phases, as detailed below and in **Table 1**.

TABLE 1
CONSTRUCTION PHASING

Phase	Approximate Timeline	Description
Phase 1	May 2021 to August 2021	Construction of portable classrooms/Interim housing
Phase 2	August 2021 to October 2022	Whole site modernization improvements to existing buildings
Phase 3	September 2022 to May 2024	Construction of student union and associated improvements

SOURCE: District 2020c

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 may 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 clearly demarcated areas that would not disturb existing school uses. All soil excavated during the construction process would be balanced on site. During construction, materials and equipment may be visible from Skyline Drive and Pastor Timothy J. Winters Street, however the District would screen these areas with construction fencing. Construction workers would park on the Project Site in specially designated areas. Construction of the Proposed Project may require temporary lane closures along Skyline Drive and Pastor Timothy J. Winters Street in order to construct the new parking lot and parking lot improvements.

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 provides ministerial review of the project design and construction documents 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 (Ministerial)
- San Diego Regional Water Quality Control Board – National Pollutant Discharge Elimination System (NPDES) and Stormwater Pollution Prevention Plan (SWPPP) (Ministerial)
- City of San Diego – Encroachment Permits for the northern and southern parking lots (Ministerial)

References

City of San Diego. 2018. City of San Diego General Plan Land Use and Street System Map. Available at https://www.sandiego.gov/planning/genplan.

City of San Diego. 2019. City of San Diego Official Zoning Map. Available at https://www.sandiego.gov/sites/default/files/legacy/development-services/zoning/pdf/maps/grid20.pdf.

District. 2013. Final Initial Study/Mitigated Negative Declaration for the O'Farrell Community School Modernization and New High School Facility Project. September 2013.

District. 2016. Addendum No. 1 to the Final Initial Study/Mitigated Negative Declaration for the O'Farrell Community School Modernization and New High School Facility Project. September 2016.

District 2020a. Board of Education Agenda Item Detail: O'Farrell Charter School Action on Charter Revision to Increase Enrollment Projections. July 28, 2020. Available at https://go.boarddocs.com/ca/sandi/Board.nsf/goto?open&id=BQWTP57846DC

District. 2020b. Personal communication with District representative, Paul Garcia re: San Diego Unified School District O'Farrell Charter School Enrollment Numbers 2019-2020. June 04, 2020.

District 2020c. Personal communication with District representatives, Paul Garcia and Dion Harrington. July 30, 2020.

CHAPTER 3
Environmental Checklist

1.	**Project Title:**	O'Farrell Charter 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 (619) 913-2999
4.	**Project Location:**	O'Farrell Charter School 6130 Skyline Drive San Diego, CA 92114
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-1-1, Residential – Multiple Unit
8.	**Description of Project:**	School improvements (see Chapter 2, Project Description)
9.	**Surrounding Land Uses and Setting:**	North: Single-family and Institutional (church) South: Single-family residential East: Single-family residential 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
1	Geology/Soils	1	Greenhouse Gas Emissions	2	Hazards and Hazardous Materials
1	Hydrology/ Water Quality	0	Land Use/ Planning	0	Mineral Resources
2	Noise	0	Population/Housing	1	Public Services
2	Recreation	2	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.

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) **Less-than-Significant 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. According to the Encanto Community Plan, a number of prominent canyons and hillsides in the community contribute to providing opportunities for public views and vistas from public rights-of-ways, open space entries, and canyon trailheads throughout the community (City of San Diego 2015). While the Project Site itself does not feature scenic vistas as designated within the Encanto Community Plan, it is located approximately 0.3 miles to the east of a designated public viewshed along Valencia Parkway, and approximately 450 feet west of a public viewshed into Martin Luther King Community Park. However, due to intervening topography, the Project Site is not visible from either of the public viewsheds. While the Proposed Project would include construction near public right-of-ways that would be visible to the public, including a new parking lot along Pastor Timothy J. Winters Street and parking lot improvements along Skyline Drive, the proposed improvements would be largely limited to existing school facilities and would not change the current views to and from the school and designated scenic vistas. As a result, adverse effects on scenic vistas would be less than significant.

b) **No Impact.** Designated scenic highways within the County of San Diego include portions of SR-75, SR-163, SR-125, and SR-78, and eligible state scenic highways include I-5 and SR-52 (Caltrans 2019). The Project Site is more than five miles from SR-75, SR-125, SR-78, and SR-52, and more than three miles from I-5 and SR-163. In

addition, the Project Site does not include scenic trees, rock outcroppings, or historic buildings. 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 residential neighborhood, with single-family residences surrounding the school to the north, south, east, and west. The Project Site is currently developed as an operating school with permanent and portable buildings, athletic fields, tennis and basketball courts, playground areas, and associated parking lots. While the Project Site itself is relatively level (with the exception of the high school campus being elevated and a berm in the northern portion of campus), the surrounding topography slopes downward to the southwest.

Public views addressed in this analysis include those from Pastor Timothy J. Winters Street, 61st Street, and Skyline Drive. Views from private residences are not considered protected views under CEQA, and therefore are not further discussed.

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.

All of the Proposed Project improvements would occur entirely within the developed Project Site and would be partially to entirely visible, depending on viewing location. Prominent existing visual elements on the southern end of the Project Site, along Skyline Drive, primarily include the two-story auditorium building, a slight vegetated slope, the kindergarten through eighth grade parking lot, and classroom buildings. Views along Skyline Drive would change due to the proposed student drop-off improvements and security fence construction.

Prominent visual elements on the western portion of the Project Site, along 61st Street, primarily include the two-story auditorium building, cafeteria building, portable classroom buildings, security fencing, and, toward the northern end of 61st Street, a vegetated slope and the baseball field. Views along 61st Street would be modified during construction due to exterior improvements such as new roofing and replacement of exterior soffits and breezeways, however improvements to these structures would be minimal, and primarily include cosmetic restorations.

Due to the sloping nature of Pastor Timothy J. Winters Street, three residential homes, and a berm located north of the Project Site, only selective public views of the Project Site are available from Pastor Timothy J. Winters Street (near both goal lines of the football field). Modifications along Pastor Timothy J. Winters Street would include grading of the existing berm (which would allow more visibility of the existing football field) and the construction of a new parking lot and student drop-off area.

Despite these changes, public views along Skyline Drive, 61st Street, and Pastor Timothy J. Winters Street would not be substantially altered as the proposed modifications would be consistent in size, scale and building materials of existing campus structures. Ornamental landscaping would remain or would be re-planted along the exterior perimeter of the Project Site. Therefore, the visual character and quality of public views would not be significantly impacted from Skyline Drive, 61st Street, or Pastor Timothy J. Winters Street.

Due to site configuration and intervening structures and landscaping, the demolition activities and construction of the temporary portable classrooms, student union building and outdoor gathering space would not be visible from any of the surrounding streets. Other modernization elements of the Proposed Project, including repairing interior and exterior finishes, replacing flooring and interior lighting, and drainage improvements are all small scale modifications that would not constitute a significant change in the visual quality from public views.

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 Project Site. Therefore, impacts on the visual character or quality of public views of the Project Site or surrounding area would be less than significant.

d) **Less-than-Significant Impact.** The Project Site is located adjacent to Pastor Timothy J Winters Street, 61st Street, and Skyline Drive which contain cars and streetlights that emit light and glare during the day and night. In addition, the campus includes existing exterior security lighting that is consistent with District Site Operations Circular No. 1053, which requires all lighting to be turned off prior to 10:00 p.m. to avoid excessive energy consumption and to limit nighttime light spillover into adjacent residential areas.

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 or lighting would be required. 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. While the berm north of the football field would be graded, which would allow more visibility of the football field, stadium lighting does not exist at the Project Site and, therefore, Project implementation would not increase the visibility of lighting at the field. In addition, the proposed northern parking lot would not include the installation of lighting. 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). 2019. 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. 2015. Encanto Neighborhoods Community Plan. November 16, 2015. Available at: https://www.sandiego.gov/sites/default/files/encanto_community_plan-revised_lu_maps-reduced_6-20-16.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-1-1, which does not permit agricultural uses beyond limited community gardens (City of San Diego 2019a, City of San Diego 2019b). There are no Williamson Act contracts in the Project vicinity (California Department of Conservation 2019). 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-1-1, which does not include forest lands, timberlands, or timberland zoned Timberland Production (City of San Diego 2019a). 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 2019a). 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. 2019. Williamson Act Program Overview. Available at https://www.conservation.ca.gov/dlrp/wa

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.

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. 2019a. San Diego Municipal Code, Chapter 13, Article 1, Division 4, Residential Base Zones. Available at https://docs.sandiego.gov/municode/MuniCodeChapter13/Ch13Art01Division04.pdf

City of San Diego, 2019b. City of San Diego, Official Zoning Map. Available at https://www.sandiego.gov/sites/default/files/legacy/development-services/zoning/pdf/maps/grid20.pdf. Accessed July 2019.

Air Quality

Issues (and Supporting Information Sources):	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
III. 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 designated as in nonattainment of federal and state ambient air quality standards in the SDAB. The SDAB is currently designated as a federal nonattainment area for the 2008 and 2015 8-hour ozone (O3) 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). 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 (USEPA 2020, CARB 2020).

Areas designated as nonattainment of a criteria air pollutant 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. Generally, projects that propose development that are consistent with the land use designations and growth anticipated by the local general plan and by SANDAG would be consistent with the RAQS. Therefore, the Proposed Project would need to be consistent with the air quality standards outlined in the RAQS.

The Project would improve and modernize the existing O'Farrell Charter School, including construction of a new student union (which would include six new student classrooms, a practice theater, a workout room, breakout rooms, restrooms, and office

space) and an outdoor gathering space. Improvements would include replacing the existing natural turf field in the center of campus with artificial turf, drainage improvements throughout the campus, security fencing in the southernmost parking lot, a new student drop-off area and parking lot along the northern portion of campus, and improvements to the existing parking lot in the southern portion of campus. In addition, the Proposed Project would include interior and exterior modernization improvements to all buildings on the kindergarten through eighth grade portion of campus (see Chapter 2, Project Description, above for additional details).

The Proposed Project would continue to operate as a school, and would not result in a change in existing land uses. The Project would increase the school's number of classrooms, however, the increase would serve the existing student capacity and would not result in an increase in the number of enrolled students or staff. Therefore, the Project would increase the capacity of the school, but would not increase the school's current number of students and staff, and would not increase motor vehicle trips to the Project Site (as analyzed in Issue 3 (b) below) and would not generate an increase in area housing. As shown under (b) of Issue 3 below, emissions from Project construction and operational activities would be less than SDAPCD thresholds. 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. 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 were evaluated in order to determine whether there would be a cumulatively considerable net increase of a criteria pollutants for which the Project region is in non-attainment. The Project region, the SDAB, is currently designated as a federal nonattainment area for the federal 2008 and 2015 8-hour ozone standard, and as a state nonattainment area for the California standards for O3, PM2.5, and PM10.

Project construction activities would generate diesel exhaust and fugitive dust from the operation of heavy equipment. Project construction emissions would vary from day-to-day over the approximately 36-month construction duration, depending on the specific type and level of construction activity, fugitive dust, and the prevailing weather conditions. Project construction activities generating air pollutant emissions would include demolition, site preparation, grading, building construction, paving, landscaping, and finishing activities and would occur in three phases: Phase 1 – Construction of Portable Classrooms, Phase 2 – Whole Site Improvements and Phase 3 – Construction of the Student Union (see Chapter 2, Project Description, for additional details). Project construction activities would be relatively short-term, spread-out over a 36-month construction period, and not anticipated to involve substantial work during a single day (i.e., the worst-case day for air emissions [in pounds per day]).

During construction, emissions would result from fugitive dust from ground disturbance; construction equipment and vehicle exhaust; and exhaust and road dust emissions from worker commute trips, material deliveries, and haul truck travel. Emissions would vary from day to day, depending on the level of activity, the specific type of construction activity occurring, and, for fugitive dust, prevailing weather conditions.

Construction-related emissions were quantified for a project similar to the Proposed Project, the *Muir at Anderson School Whole Site Modernization, Initial Study/Mitigated Negative Declaration* (ESA 2019), which will be referred to as the Muir project, 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). The assumptions and methodology used in the prior analysis are similar to those that would be used for the Proposed Project. The most intensive construction phase modeled in the prior Muir project involved building construction, paving and architectural coating activities of a larger sized building than the proposed student union building and outdoor gathering space for this Project and associated site work occurring concurrently. The Proposed Project is anticipated to require similar, but no greater than the peak daily construction equipment, workers, haul and vendor trucks trips as the Muir project. As such, re-running CalEEMod for Proposed Project would result in similar emissions, which would still be substantially less than the thresholds. Therefore, the use of the previous emissions modeling output is appropriate for the Proposed Project.

The maximum daily emissions estimated from Project construction are shown in **Table 2**. Calculations are included in Appendix A.

TABLE 2
MAXIMUM DAILY UNMITIGATED REGIONAL CONSTRUCTION EMISSIONS

	Estimated Emissions (lbs/day)a					
Source	**VOC [c]**	**NOx**	**CO**	**SO_2**	**PM10**	**PM2.5**
Maximum Daily Emissions[b]						
Project Construction	69	31	30	<1	8	4
Maximum Daily 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 construction activities will overlap with both paving and architectural activities.

[c] Nitrogen oxides (NOx) and volatile organic compounds (VOC) emissions (e.g., vehicle tailpipe emissions) are O3 precursors, as O3 is not directly emitted, but rather formed by the combination of NOx and VOC in the atmosphere in the presence of sunlight.

SOURCE: ESA 2020.

As shown in Table 2, the maximum daily construction emissions would be below the applicable threshold levels. In addition, the Proposed Project is required to comply with SDAPCD's Rules and Regulations, including Rules 50, 51, and 55, as described above in Issue 3 (a) to further reduce the construction emissions shown in Table 2. Therefore, air quality impacts associated with construction of 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 new and modernized 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) and landscaping. As described above, the Proposed Project would serve the existing capacity and would not result in an increase in student capacity. Therefore, no change in the number of vehicle trips associated with operation of the school is anticipated. As such, there would be no mobile source emissions from Project operations.

Daily emissions associated with the operations of the Proposed Project were compared to the relevant thresholds. Operations-related emissions (area and energy sources) were modeled for a project similar to the Proposed Project, as detailed above, using the operational model runs from the Muir project, and compared to applicable SDAPCD thresholds for criteria pollutants, as shown in **Table 3**.

TABLE 3
MAXIMUM DAILY REGIONAL OPERATIONAL EMISSIONS

	Estimated Emissions (lbs/day)[a]					
Emissions Source	**VOC**	**NOx**	**CO**	**SO_2**	**PM10**	**PM 2.5**
Project[b]						
Area Sources	1	<1	<1	0	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile[c]	3	3	22	<1	5	1
Total Project Emissions	**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] The prior Muir project included removing existing emissions as existing classrooms were replaced with new project uses, but the existing uses to be replaced for the Project do not emit operational emissions so removing existing emissions was conservatively not assumed for the Project operational emissions.

[c] The Muir project operational emissions accounted for an increase in operational mobile emissions as a result of an increase in staff and students, while as discussed above, the Project would not result in an increase in the number of enrolled students or staff members, so there would be no change in the number of vehicle trips associated with operation of the school and mobile source emissions would not change from current conditions for the Proposed Project.

SOURCE: Appendix A, ESA 2020

As shown in Table 3, the operational emissions the Proposed Project would be well below the applicable threshold levels and impacts would be and less than significant.

Project construction and operational activities could potentially 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, construction and operation emissions of O_3 (precursors of VOC and NOx), PM10, and PM2.5 of the project similar to the Proposed Project would not exceed SDAPCD standards, and therefore, the Proposed Project would not exceed SDAPCD 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.

For public health risk from criteria air pollutants, the maximum daily construction and operational emissions for the criteria pollutants, presented in Tables 2 and 3, respectively, would be below SDAPCD significance thresholds, which were developed such 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 residences, schools, playgrounds, childcare centers, and athletic facilities. Sensitive receptors located in proximity to the Project Site include the school facilities currently operating on the Project Site, when classes are in session; two churches, Bayview Baptist Church to the north across Pastor Timothy J Winters Street and Maranha Seventh-Day Adventist Church to the south across Skyline Drive; and single-family residences located along the streets surrounding the Project Site, which are Pastor Timothy J. Winters Street to the north, Skyline Drive to the south, Lolly Lane, Kimmy Court and Henson Street to the east and 61st Street to the west.

Construction activities would occur on the Project Site over approximately 36 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 (OEHHA), 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 that was previously conducted for the project similar to the Proposed Project, the *Muir at Anderson School Whole Site Modernization, Initial Study/Mitigated Negative Declaration* (ESA 2019), was used to determine the potential health risk to on-site (school uses) and off-site (residential and church uses) 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 maximum impacted sensitive residential and onsite school receptors without and with the incorporation of **Mitigation Measures AIR-1** and **AIR-2**, as described below. 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]
Risk		
Residential	35.12	0.29
School	26.10	0.40
Maximum Individual Cancer Risk Threshold[c]	1	1
Exceeds Threshold?	**Yes**	No
Risk with Mitigation Measures AIR-1 and AIR-2 Incorporated		
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 (approximately 3-month period) and that the same children are present throughout the entire construction period when school is in session (approximately 9-month period).

[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, 2020.

[1] The Project Site is located near two churches, which would be seen as sensitive receptors. However, because there are residential uses closer to the construction activities than the churches, and the analysis for residential receptors is more conservative than that for church uses (i.e. residential receptors are assumed to be exposed for the full duration of the construction activities where church attenders would only be exposed for an hour or two, one or two times per week), the churches were not included in the modeling.

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 0.40 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), and therefore, would have a potentially significant carcinogenic health risk. However, with the incorporation of Mitigation Measures AIR-1 and AIR-2 (detailed below) (the incorporation of toxics best available control technologies (T-BACTs), carcinogenic risk would be reduced to 0.77 for residents and 0.70 for students, which is below the 10-in-one-million regulatory threshold for projects that have incorporated T-BACTs.[2, 3] With the implementation of Mitigation Measures AIR-1 and AIR-2, health risk impacts from Project construction activities would be less than significant.

Once the Proposed Project is operational, toxic air contaminant emissions would not increase over existing conditions. As the operation of the Project 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 not increase the school's current number of students or staff, and therefore, would not result in an increase in the school's traffic contribution to peak hour traffic at local intersections and associated localized CO concentrations at intersections. Therefore, impacts would be less than significant.

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.

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.

Exemptions can be made for specialized equipment where Tier 4 engines are not commercially available within 200 miles of the project site. The construction contractor must identify these pieces of equipment and document their unavailability. The District Facilities Planning and Construction CEQA coordinator shall evaluate the contractor's submission to determine the lack of availability of necessary equipment within the 200-mile range of the Project Site.

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). 2018-2019. *Area Designations Maps/State and National*. Available at https://ww2.arb.ca.gov/resources/documents/maps-state-and-federal-area-designations.

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 at https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf.

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

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

a) **Less-than-Significant Impact with Mitigation Incorporated.** The Project Site is developed as an operating school and is either paved or graded and actively used. No native vegetation is located on the Project Site. Ornamental landscaping is present on the Project Site, including along the periphery of the Project Site along Skyline Drive and 61st Street, and in courtyards between classrooms. Implementation of the Proposed Project would include the removal of ornamental trees, particularly along Skyline Drive, to allow for the construction of the improved parking lot and student drop-off area.

Ornamental vegetation including trees occurring on site provide suitable nesting habitat for migratory birds and raptors protected under the Federal Migratory Bird Treaty Act (MBTA) and the California Fish and Game Code, which prohibit the take or destruction of migratory birds/raptors, their nests, and/or eggs. Construction, which includes removal and replacement of some trees, is anticipated commence in February, 2021 and take approximately 36 months. Therefore, construction is expected to overlap the avian breeding season (generally January 15 through August 31) and could result in direct impacts to nesting raptors and migratory birds. Removal of trees 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 could 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, 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 (January 15 through August 31) and other construction activities shall be initiated outside of the general avian breeding season. If a project proposes construction involving ground disturbance, tree removal, or vegetation trimming or clearing during the nesting season in the vicinity of habitat with potential to support nesting birds, the District shall retain a qualified biologist to perform a nesting bird survey within the construction site. The survey shall be performed within 72 hours prior to project activities. If active nests are identified during the survey, the qualified biologist shall establish appropriate measures to avoid impacts on active nests, which may include a buffer around designated nests or other avoidance measures. The biologist shall monitor the nest, and the avoidance measures shall be in place until it has been determined the young have fledged or the nest has been abandoned.

Significance Determination: Less than significant with mitigation.

b) **No Impact.** The Project Site is developed as an operating school and all areas on campus are either paved or graded; there is no riparian habitat on the Project Site. All Project construction and operational activities would occur within the Project boundaries, and therefore, there would be no impacts to riparian habitat or sensitive natural communities.

c) **No Impact.** No state or federally protected wetlands are present within or adjacent to the Project Site (Fish and Wildlife Service 2020). 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. Thus, 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) **Less-than-Significant Impact.** The Proposed Project would be in compliance with the City's General Plan and Municipal Code related to the protection of biological resources, however, they do not include policies specific to the protection of trees. The Encanto Neighborhoods Community Plan (Community Plan) includes a chapter on the community's urban forest, with the overall intent to create a comprehensive street tree plan to help unify major corridors, provide shade and street tree coverage, to enhance the urban forest, to maximize benefits of trees, and increase efficiencies in managing trees (City of San Diego 2016). According to the Community Plan, Jacaranda trees are identified as being thematic street trees along Skyline Drive, however, the Community Plan states that other trees may be planted to provide flexibility and variation of species between each street block.

Construction of the Proposed Project would require removal six Jacaranda trees along Skyline Drive to implement an improved student drop-off area. However, the Proposed Project would not conflict with any local policies or ordinances protecting trees, because there are no applicable policies or ordinances that the District must adhere to with respect to ornamental trees or vegetation, and impacts would be less than significant.

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). The Project Site itself is located outside of the MSCP MHPA boundaries (City of San Diego 2008). Therefore, the Proposed Project would not conflict with applicable conservation plans, and no impact would occur.

References

City of San Diego, 2008. City of San Diego General Plan, Conservation Element. Available at https://www.sandiego.gov/sites/default/files/legacy//planning/genplan/pdf/2012/ce120100.pdf

____. 2016. Encanto Neighborhoods Community Plan. Available at https://www.sandiego.gov/sites/default/files/encanto_community_plan-revised_lu_maps-reduced_6-20-16.pdf

County of San Diego. 1998. Final Multiple Species Conservation Program. Available at http://www.sandiegocounty.gov/content/dam/sdc/pds/mscp/docs/SCMSCP/FinalMSCPProgramPlan.pdf.

U.S. Fish and Wildlife Service. 2020. 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 analysis of impacts to cultural resources is based on the following memorandum: *California Register of Historical Resources Evaluation of O'Farrell Charter School Pursuant to CEQA Compliance, San Diego Unified School District* prepared by ICF in January 2013. The memorandum includes an evaluation of O'Farrell Charter School for inclusion in the California Register of Historical Resources (CRHR), a records search conducted at the California Historical Resources Inventory System (CHRIS) South Coastal Information Center (SCIC), and a review of historical topographic maps and aerial photographs. The memorandum is included as Appendix B.

a) **Less-Than-Significant Impact.** As part of the 2013 memorandum, ICF conducted an in-depth evaluation of the O'Farrell Charter School campus for inclusion in the CRHR. The evaluation included archival research and a historic architectural resources survey of the campus. The campus was designed in 1958 by Frank L. Hope and Associates, an important San Diego architectural firm, and constructed in 1960. At the time of ICF's survey of the campus, nine buildings dated to the campus's original construction. Based on the results of the archival research and survey, ICF recommended the campus ineligible for listing in the CRHR. The campus was ineligible under Criteria 1 and 2 because it is not associated with significant events or individuals, respectively. Although the campus was designed by Frank L. Hope and Associates, an important San Diego architectural firm, it does not represent a master work by the firm, and, therefore, is not eligible under Criterion 3. The campus is ineligible under Criterion 4 because it does not reveal important information about history. Therefore, the O'Farrell Charter School does not qualify as a historical resource and changes to the campus as a result of Project implementation would not constitute a significant impact.

The SCIC records search did not identify the presence of cultural resources within the Project Site or a 0.25-milue radius around the Project Site. Geologic mapping indicates the Late Oligocene-age (33.9 million to 23 million years ago) Otay Formation (map unit TO) and the Pleistocene-age (2,580,000 to 11,700 years ago) San Diego Formation (map unit Tsdss) are mapped at the surface within the Project Site (Kennedy and Tan, 2005). Both formations are too old to have preserved subsurface prehistoric archaeological

resources. The historic topographic map and aerial photographic review indicate the Project Site and vicinity were not developed or intensively used during the historic-period until the school was constructed.

Based on ICF's assessment, there are no known historical resources within the Project Site. Furthermore, the likelihood for encountering sub-surface archaeological resources that qualify as historical resources is low given the age of the geologic units within the Project Site and the lack of evidence for historic-period use. However, Project implementation does involve ground disturbing activities, which have the potential, albeit low, to disturb unknown archaeological resources that qualify as historical resources should they underlie the Project Site. Implementation of **Mitigation Measures CUL-1 through CUL-3** would reduce potential impacts to less than significant.

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.

b) **Less-Than-Significant Impact with Mitigation Incorporated.** As mentioned above, the SCIC records search did not identify the presence of archaeological resources within the Project Site. Additionally, the likelihood for unknown subsurface archaeological resources to underlie the Project Site is low. However, Project implementation involves ground disturbing. These activities have the potential, albeit low, to disturb archaeological resources and cause a substantial adverse change in the significance of an archaeological resource, if 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.

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

Yates, Timothy and Martin D. Rosen. 2013. *California Register of Historical Resources Evaluation of O'Farrell Charter School Pursuant to CEQA Compliance, San Diego Unified School District*. Prepared for the San Diego Unified School District by ICF International.

Kennedy, Michael P., and Siang S. Tan. 2005. Geologic Map of the San Diego 30' x 60' Quadrangle, California. California Department of Conservation, Sacramento, and United States Geological Survey.

Energy

Issues (and Supporting Information Sources):		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
VI.	**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 Proposed Project. Project construction would consume energy primarily from on- and off-road vehicle fuel consumption in the form of diesel, gasoline, and electricity from water conveyance for dust control. Project operations would consume energy in the form of electricity for lighting and water conveyance, and natural gas for heating/cooling of new and modernized buildings.

Construction

Construction-related energy requirements and energy use efficiencies by energy type for each construction stage were quantified for a project similar to the Proposed Project, the *Muir at Anderson School Whole Site Modernization, Initial Study/Mitigated Negative Declaration* (ESA 2019), which will be referred to as the Muir project. The assumptions and methodology used in this prior analysis are similar to those that would be used for the Proposed Project. As such, re-running CalEEMod for Proposed Project would result in similar construction energy consumption. Therefore, the use of the previous emissions modeling output is appropriate for the Proposed 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 air quality analysis. On-road vehicles would include vendor trucks to deliver supplies necessary for construction, and fuel used for construction 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 total fuel and electricity consumption from construction activities of the project similar to the Proposed Project.

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	3 years	

SOURCE: ESA, 2020

As shown in Table 5, the energy consumption summary provided represents the amount of energy that could potentially be consumed during construction based on a conservative set of assumptions, provided in Appendix A. As shown in Table 5, 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 construction. For comparative purposes, the fuel consumption during Project construction would represent approximately 0.0002 percent of the 2018 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 2019. Detailed calculations are shown in Appendix A.

Project construction contractors would be required to 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 a more efficient use of construction-related energy and the minimization or elimination of wasteful and unnecessary consumption of energy. The regulation was estimated by CARB to reduce non-essential idling and associated emissions of diesel PM 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 construction 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 PM 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.

Project construction use of electricity would be temporary, sporadic, and cease upon completion of Project construction. Electricity for water conveyance would only be used when necessary to reduce fugitive dust, which would decrease after completion of the earth-moving phases and paving, when the Project Site would be paved and 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

Project operations would consume energy from electricity for lighting and water conveyance, and natural gas for heating/cooling of new and modernized buildings. 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 student union and modernized existing buildings.

Operations-related energy requirements and energy use efficiencies by energy type were quantified for a project similar to the Proposed Project, the Muir project. Electricity and natural gas usage were estimated using CalEEMod emission factors, while fuel consumption was estimated using EMFAC2017 emission factors and total vehicle miles traveled (VMT) from the CalEEMod emissions modeling for the Project. The Muir project operational energy usage accounted for the operations of similar, but greater new building square footage as compared to the Project. Furthermore, the Muir project operational energy usage included transportation energy usage for of an increase in staff and students; while as discussed above, the Proposed Project would not result in an increase in the number of enrolled students or staff members, so there would be no change in the number of vehicle trips associated with operation of the school and transportation energy consumption would not change from current conditions for the

Proposed Project. Therefore, the operational energy usage for the Proposed Project would be lower than those for the Muir project and those presented in Table 6. **Table 6** summarizes the Project's operational energy usage by sources in comparison to SDG&E and San Diego County's transportation fuel use.

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 total consumption of electricity of approximately 0.17 gigawatt hours (GWh) per year and represent 0.001 percent of SDG&E's total sales in 2018.

TABLE 6
PROJECT ESTIMATED 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 (2019)	41,323	15,163	—	—
San Diego County Fuel Use (2018)[c]	—	—	1,387,000,000	215,000,000
Proposed Project [d]				
Building Electricity	0.14	0.16	—	—
Water Heating and Conveyance	—	0.01	—	—
Transportation Energy[e]	—	—	55,979	6,055
Total	**0.14**	**0.17**	**55,979**	**6,055**
Percent of SDG&E/San Diego County	0.0003%	0.001%	0.004%	0.003%

NOTES:

[a] San Diego Gas and Electric, 2018 Energy Data, 2018. Available at: https://energydata.sdge.com/

[b] San Diego Gas and Electric, 2018 Energy Data, 2018. Available at: https://energydata.sdge.com/

[c] California Energy Commission (CEC), California Annual Retail Fuel Outlet Report, 2017.

[d] Project electricity and natural gas was calculated using CalEEMod outputs. The prior Muir Project included removing existing energy consumption as existing classrooms were replaced with new project uses, but the existing uses to be replaced for the Project do not consume energy so removing existing emissions was conservatively not assumed for the Project operational emissions.

[e] The Muir project operational energy consumption accounted for operational transportation energy consumption as a result of an increase in staff and students, while as discussed above, the Project would not result in an increase in the number of enrolled students or staff members, so there would be no change in the number of vehicle trips associated with operation of the school and transportation energy consumption would not change from current conditions for the Proposed Project.

SOURCE: ESA, 2020.

The Project would result in a slight increase in the demand for natural gas resources. As shown in Table 6, operation is projected to generate an annual net total demand for natural gas of approximately 0.14 million kBtu and 0.0003 percent of SDG&E's total sales in 2018. As with electricity, operation 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, operation would minimize energy demand. Therefore, with the incorporation of these features, operation of the similar project, and

thus the Proposed Project, would not result in the wasteful, inefficient, and unnecessary consumption of natural gas and impacts would be less than significant.

As discussed above, the similar Muir project would increase the demand for fuel resources due to an increase of staff members (shown in Table 6). However, as discussed above, the Proposed Project would not result in an increase in the number of enrolled students or staff members, as the intent of the Project is to serve the existing approved number of enrolled students. As the Proposed Project does not change the current number of students or staff of the existing school, the Proposed Project would not change its existing demand for fuel resources for the existing school. Therefore, the Proposed 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.** Project construction equipment would comply with federal, state, and regional requirements, where applicable. With respect to truck fleet operators, United States Environmental Protection Agency (EPA) and National Highway Traffic Safety Administration (NHTSA) 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. The 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 6, would be minimized through incorporation of applicable 2019 Title 24 standards and applicable 2019 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 below in Issue 8, Greenhouse Gas Emissions, the most applicable plan, policy, or regulation adopted for the purpose of reducing greenhouse gas (GHG) emissions are Assembly Bill (AB) 32 and Senate Bill (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 Project operation 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 (CARB). 2017. 2017 Off-road Diesel Emission Factor Update for NOx and PM. Available at https://ww3.arb.ca.gov/msei/ordiesel/ordas_ef_fcf_2017.pdf.

California Energy Commission (CEC). 2018. California Retail Fuel Outlet Annual Reporting (CEC-A15) Results. Available at https://www.energy.ca.gov/sites/default/files/2020-05/2010-2018_A15_Results_ada.xlsx.

California Air Pollution Control Officers Association (CAPCOA). 2017. California Emissions Estimator Model. Available at http://caleemod.com/.

San Diego Gas and Electric. 2019. Energy Data (2019), Available at https://energydata.sdge.com/

U.S. Environmental Protection Agency (USEPA). 2011. Fact Sheet: EPA and NHTSA Adopt First-Ever Program to Reduce Greenhouse Gas Emissions and Improve Fuel Efficiency of Medium- and Heavy-Duty Vehicles.

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

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. According to the Seismic Safety Study prepared for the City of San Diego in 2008, the Project Site is not located within an Alquist-Priolo Fault Zone. The nearest Alquist-Priolo Fault is the La Nacion Fault Zone, which extends from the southern U.S. border north through central San Diego, approximately two miles from the Project Site. Therefore, there is not a risk of fault rupture of a known Alquist-Priolo Fault on the Project Site, and impacts would be less than significant.

ii) All of San Diego County, including the Project Site, is located within a known seismically active region and is subject to ground shaking. A seismic event on the La Nacion fault (or other nearby faults) 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. The Proposed Project consists of demolition and modernization improvements to existing facilities and construction of new school buildings (including the proposed student union, storage building, concession/restroom building, and temporary portable classrooms).

According to the Encanto Neighborhoods Community Plan, the Project Site is not located in an area with known liquefaction potential (City of San Diego 2016). As a result, the Proposed Project would not expose people or structures to potentially substantial adverse effects related to liquefaction, and impacts would be less than significant.

iv) According to the Encanto Neighborhoods Community Plan, the Project Site is mapped as a "slide-prone formation", due to the hilly topography of the community (City of San Diego 2016). Although the Project Site and surrounding community are considered slide prone, the general topography of the Project Site has been modified through previous development activities, and is relatively flat, with exception of the high school campus being elevated and a berm in the northern portion of campus. Additionally, all improvements would occur within the existing school property, which has a low potential for ground-failure because the Project Site has been previously graded and developed. Therefore, given the existing conditions of the Site, and conformance with all applicable seismic-safety development requirements during improvement activities, impacts related to 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 under the Project Site are classified primarily as Diablo Urban land complex, which are well-drained, silty-clay soils compounded with urban lands (NRCS 2020). Implementation of the Proposed Project would not result in

substantial soil erosion or loss of topsoil, as developed areas are less likely to erode and the soils on the Project Site were previously altered from the original construction and 2016 updates of the campus. Construction activities would include ground disturbance, including grading of the berm located along Pastor Timothy J. Winters Street. All soils would be balanced on site and compacted. Additionally, the Project would be required to prepare a Storm Water Pollution Prevention Plan (SWPPP), which would include best management practices (BMPs) such as erosion control requirements during construction. 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 with implementation of a SWPPP. 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. Since the Project Site has been previously developed, risks for soil-related instability would be unlikely. The Project Site is not located on a geologic unit or soil that is unstable or would become unstable as a result of the Project, resulting in an on-site or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse, and 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. Soils under the Project Site are classified primarily as Diablo Urban land complex, which are well-drained, silty-clay soils compounded with urban lands (NRCS 2020). A previous geotechnical investigation prepared at the Project Site in 2016 concluded that the soils onsite are considered to have a high erosion potential (District 2016). Prior to construction of the Proposed Project, the District would be required to submit a final geotechnical report for the Project along with proposed grading plans. Grading plans for the Project would be reviewed by the Division of State Architect; consistent with the CBC, the District would be required to incorporate all recommendations from the geotechnical report into the grading plans. With incorporation of the recommendations from the final geotechnical investigation, expansive soil impacts associated with implementation of the Proposed Project would be less than significant.

e) **No Impact.** Implementation of the Project would not result in any impacts regarding inadequate soils to support septic systems. O'Farrell Charter 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.** Development of the Proposed Project would not result in any impacts to paleontological resources, as the Project Site has been significantly disturbed by previous grading activities associated with the original construction of the school campus in 1960, and again in 2016 during the construction of the high school

building and playfields. Any significant paleontological resources would have likely been disturbed or unearthed during past grading activates. Also, minimal grading into native soils would be necessary for the Proposed Project; therefore, Project-related impacts on paleontological resources would likely not occur. However, in the unlikely event that buried paleontological resources are encountered during any phase of construction, activities in the vicinity of the resources would be temporarily halted, and a qualified paleontologist would be consulted to assess the significance of the resource and to provide proper management recommendations. As such, impacts would be less than significant.

References

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

City of San Diego. 2008. City of San Diego Seismic Safety Study, Geological Hazards Map, Grid 22. Available at http://archive.sandiego.gov/development-services/industry/hazards/pdf/geo25.pdf.

City of San Diego. 2018. City of San Diego General Plan, Public Facilities, Services and Safety Element. Available at https://www.sandiego.gov/planning/genplan.

Natural Resources Conservation Service (NRCS). 2020. Web Soil Survey: Data Viewer. Accessed July, 2020 at https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx

San Diego Unified School District. 2013. Final Initial Study/Mitigated Negative Declaration for the O'Farrell Community School Modernization and New High School Facility Project. Draft. September.

____. 2016. Addendum No. 1 to the Final Initial Study/Negative Declaration for the O'Farrell Community School and Modernization Project. Draft. September.

United States Department of Agriculture (USDA). 1973. Soil Survey: San Diego Area, California. United States Department of Agriculture, Soil Conservation Service, and Forest Service California Department of Forestry (CalFire).

Greenhouse Gas Emissions

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
VIII. 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.** Project construction activities would generate GHG emissions. Once construction activities are complete, indirect GHG emissions may be generated by the operation of the new and modernized facilities. GHGs generated 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 Guidelines Section 15183.5(a)). The City of San Diego adopted a Climate Action Plan (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 recommends 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 the *Center for Biological Diversity et al., Plaintiffs and Respondents v. California Department of Fish and Wildlife, Defendant and Appellant; The Newhall Land and Farming Company, Real Party in Interest. No. S217763 (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.

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 generate GHG emissions from the operation of off-road diesel equipment exhaust and emissions from employee, material delivery, and haul truck travel over the 36-month construction period. GHG emissions during construction would be primarily generated as vehicle tailpipe emissions of primarily carbon dioxide (CO_2) from the combustion of gasoline and diesel fuel, with more limited emissions of nitrous oxide (N_2O) and methane (CH_4), as well as, other GHG emissions related to vehicle cooling systems.

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**. Construction-related GHG emissions were recently quantified for a project similar to the Proposed Project, the *Muir at Anderson School Whole Site Modernization, Initial Study/Mitigated Negative Declaration* (ESA 2019), which will be referred to as the Muir project, using the same assumptions used in the air quality emissions analysis above (see Issue 3).

TABLE 7
ESTIMATED TOTAL CONSTRUCTION GHG EMISSIONS

Emission Source	Estimated CO_2e Emissions
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 A.

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

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 of approximately 20 MT of CO_2e, to be added to annual operational emissions of this Project.

Project operation would generate direct and indirect operational GHG emissions from the new and modernized building facilities. Operations-related emissions were modeled for the project similar to the Proposed Project, as detailed above, using the operational model runs from the Muir project, using the same assumptions used in the air quality emissions analysis above (see Issue 3). As stated under Issue 3 and the Air Quality subsection above, the Muir project operational emissions accounted for the operations of similar, but greater new building square footage as compared to the Proposed Project. The Proposed Project would not result in an increased student capacity, therefore there would be no change in the number of vehicle trips associated with operation of the school and mobile source emissions would not change from current conditions for the Proposed Project.

The annual GHG emissions for the Proposed Project (including Project construction amortized over 30 years) are shown in **Table 8**.

TABLE 8
ESTIMATED TOTAL ANNUAL GHG EMISSIONS

Emission Source	Estimated CO_2e Emissions[1]
New Annual Operational Emissions[2]	
Area	<1 (MT/yr)
Energy[3]	43(MT/yr)
Mobile Emissions[4]	522(MT/yr)
Water and Wastewater	26 (MT/yr)
Solid Waste	2 (MT/yr)
Total Operational Annual Emissions	**592 (MT/yr)**
Annual Construction Emissions (Amortized)	20 (MT/yr)
Total Annual Emissions	**612 (MT/yr)**
Threshold	900 MT/yr
Exceeds Threshold?	**No**

1 Totals may not add exactly due to rounding

2 The prior Muir Project included removing existing emissions as existing classrooms were replaced with new project uses, but the existing uses to be replaced for the Project do not emit operational emissions so removing existing emissions was conservatively not assumed for the Project operational emissions.

3 Emissions from sources related to energy consumption including electricity and natural gas usage.

4 The Muir project operational emissions accounted for operational mobile emissions as a result of an increase in staff members and students, while as discussed above, the Project would not result in an increase in the number of enrolled students or staff members, so there would be no change in the number of vehicle trips associated with operation of the school and mobile source emissions would not change from current conditions for the Proposed Project.

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

SOURCE: ESA CalEEMod Modeling, 2019. Appendix A.

As shown in Table 8, the applicable estimated annual similar project-related GHG emissions (amortized construction plus operations) were calculated to be approximately 612 $MTCO_2e$, which is well below 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.

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.

CARB 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 GHGs with high global warming potential.

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 replaces existing tennis and basketball courts on-site with new buildings (student union, storage building, and concession/restroom building) and modernizes some of the existing onsite buildings. The new buildings and building upgrades would reduce energy consumption, making the operation of the campus more efficient. As discussed above in Issue 8 (a), GHG operational emissions would be minimal and considerably lower than the 900 $MTCO_2e$ per year threshold identified above.

The State of California Executive Orders S-3-05 and B-30-15 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 California 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,

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

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 operational GHG emission 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 operational GHG emission levels to decline as the CARB regulatory initiatives identified in the 2017 Scoping Plan are implemented, and other technological innovations occur. Stated differently, the Project's emissions total for 2024, the first year of operation, 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 at 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 at 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

Potentially significant impacts associated with hazardous materials were identified based on review of existing literature and previous environmental documentation for the Project Site. In October 2002, URS Corporation (URS) prepared a Phase I Environmental Site Assessment (ESA) report for proposed joint-use playfields at the Project Site (District 2013). The assessment identified the known presence of asbestos-containing materials (ACM), lead-based paint (LBP), and petroleum-impacted soil associated with a former underground storage tank (UST) (removed from the Project Site in 1988) as recognized environmental conditions.

In 2005, the site of the UST was listed as "Inactive – action required"; however, potential contaminants of concern were listed as "unspecified." According to the O'Farrell Community School Modernization and New High School Project MND (prepared in 2013), contact with the DTSC regarding the potential issues at the site revealed that review of the Phase I ESA was terminated before the site was listed "Inactive" and if future modernization or development activities at the site require DTSC review, then an

updated Phase I ESA report would need to be submitted for review and determination (District 2013).

In 2012, Ninyo & Moore conducted soil sampling and analysis in the then-proposed joint-use playfields site (located at the existing football field, baseball field, and running track in the northern portion of campus) to identify soil impacts from arsenic and organochlorine pesticides (OCPs). Arsenic, OCP dichlorodiphenyldichloroethylene (DDE) and gamma-chlordane were detected. According to the 2013 O'Farrell Community School Modernization and New High School Project MND, a human health screening evaluation estimated that the risk from DDE and gamma-chlordane in the soil was less than significant. Further, Ninyo & Moore identified concentrations of arsenic that were at or above the regional screening level at 3 feet below ground surface (bgs) on the site; however, because the affected area was limited in nature and arsenic was not present in the top 2 feet of the surface soil, which served as a protective cap, it was not considered a significant health risk. Mitigation measures were identified to ensure that the removal of soil during construction would not result in significant hazards, which included a Soil Management Plan (SMP), Community Health and Safety Plan (CHSP) and a Site-Specific Health and Safety Plan (District 2013).

Soils located at the playfield site contained arsenic concentrations that equaled the regional action level at 2 feet bgs, and arsenic concentrations above the regional level were found at a depth greater than 2 feet bgs. However, the areas of arsenic affected soils were limited in nature, and the top 2 feet of soil, were to be removed from the site and backfilled with imported soil during construction of the joint-use field. As such, in July 2014, at the start of construction, soil in the playfields was excavated to 2 feet bgs. Approximately 1,170 tons of arsenic-affected soil was disposed of under manifest as a nonhazardous waste at the Otay Landfill in Chula Vista (District 2016).

In 2016, during construction of the modernization project, Addendum Number 1 to the 2013 Final MND was prepared and adopted, as it was determined that soils that were previously identified for export would need to be reused on site (District 2016). A supplemental Phase I ESA report was prepared by Ninyo & Moore to evaluate the potential for soil re-use on site. Potentially hazardous soils were excavated and stockpiled at the location of the playfields. Samples of the stockpiled soil were tested for the presence of hazardous materials, which resulted in the presence of arsenic, gamma-chlordane, and DDE. However, concentrations of arsenic were less than DTSC ambient arsenic levels, and the calculated excess cancer risk from the concentrations of gamma-chlordane and DDE were less than the threshold cancer risk of 1 in 1 million. Therefore, the soils were determined to be suitable for onsite reuse. Because the excavated soils were at levels considered safe for onsite reuse, the District decided to reuse the soils on site, following the requirements for onsite reuse outlined in the SMP and the CHSP, instead of pursuing exportation off site (Ninyo & Moore, 2016a; 2016b). The reuse of soils on site resulted in the present-day increased elevation of the playfields, construction of a berm on the north side of campus, and construction of bioswales throughout campus.

a, b) **Less-than-Significant Impact with Mitigation Incorporated.**

Campus Modernizations

The modernization of the existing school campus would not result in a significant hazard to the environment through the use, transport, or disposal of hazardous materials, as the Project Site is currently developed, and soils samples collected in previous geotechnical investigations did not find soil contamination in these areas (Ninyo & Moore 2013; 2016).

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. However, any hazardous materials used on site would be removed in accordance with state and federal regulations regarding the transport, use, and storage of hazardous materials. Further, 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), Cal/OSHA, and California Department of Toxic Substances Control (DTSC). While the Project does not include demolition of buildings, if lead based materials or asbestos containing materials are identified by construction contractors during the modernization process, compliance with existing Cal/OSHA lead and asbestos regulations would be required. Potentially hazardous lead and asbestos materials would be removed in accordance with state and federal regulations.

Therefore, the proposed improvements at the school campus would not result in significant impacts regarding use, transport, or disposal of hazardous materials, and any accident conditions would be handled in compliance with applicable regulations, resulting in less than significant impacts.

Proposed Student Union and Northern Student Drop-Off and Parking Lot

As detailed above, previous geotechnical investigations at the Project Site found contamination of soils at the playfields, which included the presence of arsenic, DDE, and gamma-chlordane. As discussed above, the soil samples collected at the playfields were found to not pose a substantial risk to human health, as arsenic levels were less than the DTSC ambient arsenic level, and the calculated excess cancer risk from the concentrations of gamma chlordane and DDE was less than the threshold cancer risk of 1 in 1 million.

Although the contaminants were not considered a risk to human health, due to the proximity of the playfields to the proposed student union and northern student drop-off area and parking lot, there may be a potential to uncover contaminated soil during the grading process in the northern portion of the Project Site. As such, prior to construction of the student union and northern student drop-off and parking lot, **Mitigation Measures HAZ-1 and HAZ-2** would be required. Implementation of these measures would reduce

potential impacts related to the routine transport, use, and disposal of hazardous materials and any upset or accidental conditions to less than significant levels.

Mitigation Measures

Mitigation Measure HAZ-1: Community Health and Safety Plan (CHSP) and Site-Specific Health and Safety Plan (HASP). A CHSP and HASP shall be prepared by the District or the contractor performing the work prior to construction. The contents of the site-specific plan shall be reviewed and approved by the District prior to starting construction. The site-specific HASP shall be prepared in accordance with Federal and State Occupational Safety and Health Administration (OSHA) Hazardous Wastes Operations and Emergency Response (HAZWOPER) Standards, 29 CCR 1910.120, and 8 CCR 5192. The CHSP and the HASP will be applied during construction activities for the student union and northern parking lot and drop-off area. The procedures identified in the CHSP that could be implemented to minimize hazards during construction include but are not limited to the following.

- Evaluation of potential public exposure to hazards
- Action planning to reduce airborne concentrations if found
- Documentation of daily instrument readings
- Implementation of administrative and engineering control methods (e.g., reduce public access; prevent or minimize fugitive vapors, odors, and dust; and reduce noise and other physical hazards)
- Implementation of site security
- Daily backfill (when feasible) or fencing off of open excavations
- Use of metal, water-tight roll-off bins and multiple liners during temporary storage of stockpiled materials
- Onsite vehicle traffic tracking
- Implementation of BMPs regarding hazardous materials
- Emergency planning in case of accidental or unauthorized release
- Providing Public Notice and Proposition 65 Warning required under Section 25249.6 of the State of California Health and Safety Code

The procedures identified in the HASP that could be implemented to minimize hazards during construction include the following.

- Identify potential chemicals that may be encountered during subsurface construction activities at the site
- Provide guidelines for use of personal protective equipment based on site-specific conditions
- Provide location and directions to the nearest hospital
- Develop contingency plans in general accordance with the Federal OSHA HAZWOPER Standard (29 CFR 1910.120) and 8 CCR 5192

Mitigation Measure HAZ-2: Soil Management Plan (SMP). A SMP shall be prepared by the District or the contractor performing the work prior to construction. The objective of the SMP is to assist construction workers at the Project site with notifications of the excavation, monitoring, segregation, characterization, handling, and reuse and/or disposal (as appropriate) of wastes that may be encountered during earthwork activities in the northern portion of the Project Site. The SMP's procedures that could be implemented during construction to minimize hazards could include, but are not limited to the following.

- Periodic site inspections
- Notification for disturbance of subsurface materials
- Segregation of excavated materials that are contaminated, potentially contaminated, or clean soils/materials per Environmental Professional guidance
- Determination of soils suitable for possible on- or offsite reuse
- Stockpile management (includes implementation of BMPs and odor/vapor control measures)
- Waste characterization (involves stockpile sampling)
- Management of contaminated soil or waste transport and disposal
- Precautions in the event of encountering unknown hazardous substance
- Documentation of contaminated soils or wastes if encountered

Significance Determination: Less than significant with mitigation.

c) **Less-than-Significant Impact with Mitigation Incorporated.** The Project Site itself contains a kindergarten through twelfth 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. As detailed above in Issue 9 (a), 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 with implementation of **Mitigation Measures HAZ-1 and HAZ-2**.

d) **Less-Than-Significant 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. According to the 2013 Final MND, potential sites of environmental concern are not located adjacent to or within approximately 2,000 feet of the Project Site, and would not be considered a "hazardous waste property" or a "border zone property", as defined by Section 25221 of the California Health and Safety Code, or a current or former "hazardous waste disposal site" or "solid waste disposal site", in accordance with 17213 of the California Education Code. The Project Site may be considered a "hazardous substance release site" as result of unauthorized release of heating/fuel oil. However, the unauthorized release was closed under regulatory oversight of the DEH after removal of the impacted contaminated soil (detailed above), and no

restrictions were placed on the closure regarding further use or development of the site as a school. Therefore, the Project Site would not create a significant hazard to the environment, and impacts would be less than significant.

e) **No Impact.** The Project Site is not within 2 miles of a public or private airport facility. Both the San Diego International Airport and the Gillespie Field are approximately 6 and 7 miles west and northeast of the Project Site, respectively. The Project Site is located within the Airport Influence Area, Review Area 2, and Airspace Protection Area of the San Diego International Airport Land Use Compatibility Plan (ALUCP) and is located within the Noise Contours Map (ALUC 2014). There are no private airstrips within the vicinity of the Project Site. The Project Site is located approximately 6.0 miles southeast of the San Diego International Airport, just within the 60-65 dB CNEL noise exposure contour of the Airport Influence Area (AIA). According to the Airport Land Use Plan for the San Diego International Airport, the Project Site would be conditionally compatible with the ALUP as school uses (with students from kindergarten through twelfth grade and including charter schools) are conditionally compatible within the exterior exposure noise contour range of 60-65 db CNEL (SDIA 2014).

The Project would largely consist of improvements to the existing campus, including demolition of the existing tennis and basketball courts and the construction of a new student union (which would include four new student classrooms) and outdoor gathering space in its place. The new student union center is anticipated to be two-stories tall, which is consistent with other buildings in the surrounding community, which would not represent an aerial hazard. In addition, the Project consists of the modification of an existing school and would not increase staff or students. Therefore, the Project would not expose people residing or working in the Project area to any safety hazards or excessive noise levels within the vicinity of a private or public airport. There would be no impact.

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 both parking lots along Skyline Drive, at the parking lot along 61st Street, and a fine lane access point also along 61st Street north of the baseball field.

Construction and staging for the Project would occur on-site and would not affect traffic operations on adjacent roadways. Construction activities would not impede non-motorized travel or public transportation in the Project vicinity. During construction of the Project, heavy construction-related vehicles could interfere with emergency response to the site (e.g., slowing vehicles traveling behind the truck). However, such delays would be infrequent and brief (drivers are required to pull over to allow an emergency vehicle on-call to pass), and contract specifications for the Project would ensure that emergency vehicle access on area roadways would be maintained at all times. The Proposed Project may also require temporary sidewalk closures while repairs are

performed on existing sidewalks and Americans with Disabilities Act (ADA) ramps along the perimeter of the Project Site. However, any delays would be temporary and not considered to be significant. Temporary traffic control during construction shall meet the requirements of the California Manual on Uniform Traffic Control Devices (Caltrans 2014).

The Proposed Project would not include any alterations of existing roadway features (e.g., road realignment) that would create a permanent change to access for emergency vehicles. After construction of the Project, emergency access would improve in the northern portion of the Project Site as a result of the addition of the new parking lot along Pastor Timothy J. Winters Street. As a result, the Proposed Project would not impair or physically interfere with an emergency response, and impacts would 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 Project Site is not located within a fire hazard severity zone (CAL FIRE 2009). Further, 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). 2010. Airport Land Use Compatibility Plan: Gillespie Field. Available at https://www.san.org/DesktopModules/Bring2mind/DMX/API/Entries/Download?Command=Core_Download&EntryId=2984&language=en-US&PortalId=0&TabId=225

——. 2013. 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.

California Department of Transportation (Caltrans), 2014. *California Manual on Uniform Traffic Control Devices*. Updated December 9, 2015.

Department of Toxic Substances Control (DTSC). 2020. EnviroStor Hazardous Waste and Substances Site List.

Ninyo & Moore. 2016a. Community Health and Safety Plan O'Farrell Community School – Track and Field Project. February 16.

____. 2016b. Soil Management Plan O'Farrell Community School – Track and Field Project. February 16.

State Water Resources Control Board (SWRCB). 2020. Geotracker: 6130 Skyline Drive. Available at https://geotracker.waterboards.ca.gov/

San Diego Unified School District. 2013. Final Initial Study/Mitigated Negative Declaration for the O'Farrell Community School Modernization and New High School Facility Project. Draft. September.

____. 2016. Addendum No. 1 to the Final Initial Study/Negative Declaration for the O'Farrell Community School and Modernization Project. Draft. September.

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 demolition, construction, and modernization to select facilities and infrastructure at the existing school campus. During construction, exposed soil could temporarily increase the amount of sediment in runoff, which could 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 Storm Water 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. The Project Site would continue to drain into the existing municipal storm drain system within the Project Site.

Although the Project proposes to construct a new impermeable student drop-off area and parking lot in the northern portion of the Project Site, which would increase surface runoff, the increase of impermeable pavement would be nominal and would not substantially increase surface runoff into existing storm drain systems. Additionally, the Project proposes drainage repairs and improvements throughout the campus, as well as the implementation of landscaping located at the student union center and outdoor gathering space, which would re-introduce permeable features that would further reduce surface water quality impacts.

It is not anticipated the Project construction would reach excavation depths greater than 2 feet, 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, and the change in paved areas would be minimal. Therefore, the Proposed Project would not interfere with groundwater recharge such that the Proposed 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. 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 have similar amounts of pervious and impervious surfaces. 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.

c, 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 across the Project Site would be similar to existing conditions. 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.

c, 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 similar to existing conditions. Drainage for the Project 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.

c, 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 2020). Therefore, the Proposed Project would not impede or redirect flows, and there would be no impact.

d) **No Impact.** The Project Site is located approximately 3.6 miles northeast of the San Diego Harbor and 7.5 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 (CEMA 2009). 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 2020). As a result, there would be no impact regarding risks from seiche, tsunami, or flood hazards that would risk or release pollutants due to inundation.

References

California Emergency Management Agency (CEMA). 2009. Tsunami Inundation Map for Emergency Planning: National City Quadrangle. Available at https://www.conservation.ca.gov/cgs/tsunami/maps/san-diego.

Federal Emergency Management Agency (FEMA). 2020. Flood Insurance Rate Map. Available at https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html Accessed July 2, 2020.

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. Additionally, the Proposed Project would not result in any changes to the existing land use at the Project Site, as operations would be consistent to that of the existing campus. No habitat conservation plans or natural community conservation plans are in place or applicable to the Project Site or vicinity. No components of the Proposed Project would have the potential to conflict with adjacent land uses, and therefore, no impacts would occur.

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 2008). 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, 2008. City of San Diego General Plan, Conservation Element. Available at https://www.sandiego.gov/sites/default/files/legacy//planning/genplan/pdf/2012/ce120100.pdf. Accessed July 2019.

Noise

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XIII. 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.** 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. Project construction activities would be subject to the City's Municipal Code Section 59.5.0404, which limits noise-generating construction activity to between the hours of 7:00 a.m. and 7:00 p.m., Monday through Saturday. Within these permitted hours, it is unlawful for construction activity to cause a 12-hour average noise level (L_{eq}) greater than 75 dBA at any property zoned residential.

The Project Site is located within a residential neighborhood, with residences along the streets that surround the Project Site (Pastor Timothy J. Winters Street to the north, Skyline Drive to the south, Lolly Lane, Kimmy Court and Henson Street to the east and South 61st Street to the West) and two churches (Bayview Baptist Church to the north across Pastor Timothy J Winters Street and Maranha Seventh-Day Adventist Church to the south across Skyline Drive). Operation of school facilities (both existing facilities and those proposed by the Project) place students within the Project Site, when school is in session. The adjacent offsite residences and churches, as well as the school itself, are considered sensitive noise receptors for the purposes of this noise analysis.

Operational noise within the City is governed by the City's Municipal Code Section 59.5.0401, which establishes the allowable noise limits at the property boundaries for different land use zones, as summarized in **Table 9**.

TABLE 9
CITY OF SAN DIEGO NOISE LIMITS

Receiving Land Use	Daytime 7 a.m.–7 p.m. (dBA L_{eq})	Evening 7 p.m.–10 p.m. (dBA L_{eq})	Nighttime 10 p.m.–7 a.m. (dBA L_{eq})
Single-family residential	50	45	40
Multi-family residential	55	50	45
All other residential	60	55	50
Commercial	65	60	60
Industrial or agricultural	75	75	75

NOTES: dBA = A-weighted sound level, the sound pressure level in decibels as measured using the A weighting filter network, which de-emphasizes the very low- and very high-frequency components of the sound in a manner similar to the frequency response of the human ear; L_{eq} = equivalent sound level, the average of the sound energy occurring over the measurement period.

The operational noise level limits identified in Table 9 refer to the 1-hour average or L_{eq}. In the event that the noise standards are assessed on a boundary between two land uses, the applicable noise limits are the arithmetic mean of the respective limits for the two land uses. Both the Project Site and the closest residential noise-sensitive receptors are zoned single-family residential, and therefore, the single-family residential noise limits presented in Table 9 would apply.

Existing Conditions

To characterize the existing ambient noise levels at the nearest residences surrounding the Project Site, recent noise measurements previously conducted by ESA for a similar recent District Initial Study/MND, *Muir at Anderson School Whole Site Modernization Project Final Mitigated Negative Declaration*, were utilized for the Proposed Project (District 2019). While the Muir at Anderson School does not have a football field, it does have a large soccer field and is located adjacent to an active use park complete with three baseball fields. Both Muir at Anderson School and the Project Site are located within a single-family residential neighborhood, with the residences located along the residential collector streets that surround the Project Site. Therefore, the previously measured daytime ambient noise levels (with operational school activities occurring) would be similar for the Project with similar suburban environments (an elementary school located adjacent to residences in established urban/suburban San Diego neighborhoods). At the time of this analysis, students are working remotely from home due to the Coronavirus pandemic. Students will return to the campus and neighborhood traffic patterns (and associated noise conditions) will return to previous conditions when District schools and businesses open again.

Construction Impacts

Project construction would generate noise primarily within the Project Site and to a lesser extent on adjacent roadways and surrounding uses. Construction workers would commute daily to the site, and trucks transporting equipment and materials to the site would incrementally add minimal traffic to the existing traffic volume on roadways on weekday mornings and afternoons. This would result in a negligible increase in noise levels on

access roads to the Project Site during this commute period, as traffic volumes would have to double to result in a 3 dBA increase, which would be barely perceptible. However, the equipment and materials delivery by truck would generate a relatively higher peak noise level on roadways during site access than commute traffic, which could cause an intermittent short-term noise nuisance (e.g., passing trucks at 50 feet would generate up to 76 dBA Lmax). However, the Project's contribution of construction traffic noise to existing roadway traffic noise levels averaged over a 24-hour period (i.e., Community Noise Equivalent Level [CNEL]) would be low due to the infrequent Project traffic volume. Therefore, short-term construction-related impacts associated with commuting workers and transporting equipment to the Project Site would be less than significant based on the City's Municipal Code Section 59.5.0404.

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 activities and would occur in three phases: Phase 1 – Construction of Portable Classrooms/Interim Housing, Phase 2 – Whole Site Improvements and Phase 3 – Construction of the Student Union (see Chapter 2, Project Description, for additional details). Construction-related noise was quantified for the Muir project. The assumptions and methodology as it relates to construction efforts that was used in the prior analysis are similar to those that would be used for the Proposed Project. The proposed Project is anticipated to require similar, but no greater than the peak daily construction equipment, workers, haul and vendor trucks trips as the Muir project. Therefore, the use of the previous noise modeling output is appropriate for the Proposed Project. Based on the anticipated types and quantities of equipment needed for each construction activity, **Table 10** presents the hourly average construction phase noise levels (dBA L_{eq}) attenuated by closest distance (25 feet) from the construction phase activity to the nearby noise-sensitive receivers (i.e., the off-site residences along the streets surrounding the Project Site, the two churches across the street from the Project Site, and the on-site students in buildings and recess areas).

TABLE 10
PREDICTED CONSTRUCTION NOISE LEVELS AT NEARBY SENSITIVE-RECEIVERS

Construction Phase	Distance from Project Property Line (feet)	Estimated Construction Noise Level (Leq, dBA)
Demolition	25	84
Site Preparation	25	87
Grading	25	87
Building Construction	25	81
Paving	25	81
Architectural Coating	25	62
Building Construction + Architectural Coating + Paving	25	84
Maximum Noise Level	25	**87**

SOURCE: ESA 2020

As shown in Table 10, the estimated construction noise levels at the closest residential property line range from 62 to 87 dBA L_{eq}, depending upon each construction phase and its construction activities.

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 would range from 62 to 87 dBA Leq, which at nearby residences would potentially exceed the City's construction average sound 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 related to construction noise would be potentially significant.

Prior to construction, it is a District best practice to send construction notices to the families of all enrolled students, the Mayor's office, local City councilmembers, local community planning group, and immediate campus neighbors, which may assist in allowing receptors to avoid peak construction noise periods. In addition, and in order to reduce impacts, the Project would be required to implement the **Mitigation Measure NOI-1**, as described below, during construction activities, which would include noise reduction measures such as equipping construction equipment with properly operating and maintained muffler exhaust systems, locating noise equipment as far as possible from noise sensitive receptors, and implementing temporary noise barriers at construction noise sources.

Implementation of Mitigation Measure NOI-1 (which includes temporary noise barriers) would reduce construction noise levels at the source by up to 15 dBA Leq, thereby, reducing the estimated construction noise levels of approximately 62 to 87 dBA Leq at residences to approximately 47 to 72 dBA Leq, which would be below the City's construction average sound 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.

In addition, school classroom buildings on-site would be as close as approximately 25 feet to Project construction activities, therefore, the construction noise would have comparable distance for attenuation, as experienced for the off-site residential properties. Project construction activities would determine when and where the construction activities would occur on-site, and whether school would be in or out of session. The active construction area would be isolated at distance from active classrooms. Construction noise levels at a reference distance of 25 feet would result in a maximum average noise level of approximately 87 dBA Leq. Note, the City's construction noise level limit of the 75 dBA Leq of the Noise Ordinance is applicable only to residential property lines, not schools; however, implementation of Mitigation Measure NOI-1 would implement temporary noise barriers between the noise source and classroom, which would reduce construction noise levels by up to 15 dBA to occupied classrooms (where students are studying) to less than the City's construction noise level limit, resulting in a less than significant impact.

Operation Impacts

As described above, while the Project would increase the school's number of classrooms, the increase would serve the existing student capacity and would not result in an increase in the number of enrolled students and staff; thereby, there would be no increase in vehicle trips to the Project Site and no increase in vehicle traffic on area roadways. Therefore, the off-site traffic noise impact associated with vehicular traffic of the Proposed Project would be less than significant.

Operation of the Proposed Project would include the operation of on-site stationary noise sources, including HVAC units on the new building and modernized buildings. The operation of HVAC equipment would be the primary 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 3 feet (USEPA 1971). However, 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 related to operation of the new student union, modernized buildings and new parking lot and drop-off area north of the football field and improved kindergarten through eighth grade parking lot.

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 or noise blankets 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 east along Lolly Lane, Kimmy Court and Henson Street, and the residences to the north, south and west across and Pastor Timothy J. Winters Street, Skyline Drive to the south, and South 61st Street to the west, respectively, during Project construction. Temporary noise barriers or noise blankets shall be installed on temporary construction fencing and must be 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.

b) **Less-than–Significant Impact with Mitigation Incorporated.** During Project construction, the operation of typical heavy construction equipment for demolition of buildings and pavement, earth-moving activities (excavation and grading), construction of new buildings and parking lot, modernization of buildings, and site improvements would generate localized vibration levels, which, depending upon distance, could potentially affect structures and/or annoy people. Heavy impact machinery, such as pile drivers, that could result in excessive vibration conditions, would not be used.

Construction vibration analyses are typically 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 existing portable classrooms within 25 feet of the proposed new student union building and all the existing school buildings (classrooms, library, cafeteria, administration) within the kindergarten through eighth grade portion of campus that are adjacent to various other existing school buildings within the kindergarten through eighth grade portion of campus that are all to be modernized. The closest off-site structures would be residential structures approximately 25 feet from the Project Site property line to the east along Lolly Lane,

Kimmy Court and Henson Street, all other off-site receptors are located further away and would be exposed to substantially less vibration levels.

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) for Building Category III Non-engineered timber and masonry buildings (FTA 2018), or 0.3 in/sec PPV structural damage threshold for Building Category II engineered concrete and masonry (no plaster) buildings (FTA 2018); 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 2018).

The vibration levels generated by the operation of the heavy-duty construction equipment during the construction of the Proposed Project are identified in **Table 11,** in terms of PPV, expressed in/sec, and root mean square (RMS) velocity, expressed in VdB. As shown in Table 11, 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 11
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 2018.

As shown in Table 11, operation of a vibratory roller (used in soil compaction for paving parking lots) would generate vibration levels that would have the potential to exceed the building damage threshold of 0.2 in/sec PPV, if operated within approximately 25 feet or less. Other heavy equipment generates vibration levels at less than half of the vibratory roller at 25 feet would not have the potential to exceed the building damage threshold of 0.2 in/sec PPV.

Structural Damage Analysis

The off-site structures closest to the Project Site boundary (residences to the east) are conservatively considered as non-engineered timber and masonry building, located approximately 25 feet from the boundary. Project components to be constructed in the

eastern part of the Project Site closest to these receptors include the new student union and outdoor gathering space. 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 requiring mitigation. At 50 feet, the equipment operation would not exceed the structural damage threshold.

The existing structures located on-site (classrooms, administration buildings, etc.) would be located near operating construction equipment during construction of the new student union and outdoor gathering area, as well as modernization improvements to all buildings on the kindergarten through eighth grade portion of campus. 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 2018). Therefore, the vibration structural damage impact to on-site structures from Project construction would be potentially significant, and **Mitigation Measure NOI-2** would be required to be implemented, as detailed further below.

Human Annoyance Analysis

Construction vibration could annoy people within a nearby building. The vibration impact threshold for human annoyance at a residential structure is 80 VdB at Land Use Category 2 – Residences, infrequent use and 83 VdB at Land Use Category 3 – Institutional, infrequent use (FTA 2018). As shown in Table 11, at 25 feet, the vibration generated by the operation of a vibratory roller (94 VdB), a large bulldozer (87 VdB), or a loaded haul truck (86 VdB) would exceed the residential human annoyance threshold of 80 VdB. Therefore, the operation of this equipment on-site along the Project Site boundary would exceed the vibration threshold of human annoyance at the off-site inhabited residences approximately 25 feet away resulting in a potential significant impact. At 80 feet, operation of the vibratory roller, large bulldozer, and loaded haul truck would not exceed the human annoyance threshold of 80 VdB.

On-site, construction vibration from the operation of this equipment near on-site structures (inhabited school buildings) could potentially annoy people (students and teachers) within a building in proximity to the construction activities. The structures located on-site (classrooms, administration buildings, etc.) would be potentially located near the operation of the Project construction equipment during construction of the new student union and outdoor gathering area, as well as modernization improvements to all buildings on the kindergarten through eighth grade portion of campus. As shown in Table 11, 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, paving, and construction within 80 feet of existing inhabited buildings, and shall require site-specific vibration studies to be conducted to determine the area of impact and to identify appropriate construction techniques to reduce vibration velocities to levels not exceeding the human annoyance threshold of 80 VdB. The studies shall, at a minimum, include the following:

- Identification of the Project's vibration-generating activities that have the potential to generate ground-borne vibration;
- A vibration monitoring and construction contingency plan to identify structures where monitoring would be conducted;
- Maintain a monitoring log of vibrations during initial demolition activities. Monitoring results may indicate the need for a more or less intensive measurement schedule; and
- Vibration level limits for suspension of construction activities and implementation of contingencies to lower vibration levels.

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 San Diego International Airport Land Use Compatibility Plan (ALUCP) (San Diego County Airport Land Use Commission 2014) and is located within the Noise Contours Map. The Project Site is located approximately 6 miles southeast of the San Diego International Airport, just within the 60-65 dB CNEL noise exposure contour of the Airport Influence Area (AIA). According to the Airport Land Use Plan for the San Diego International Airport, the Project Site would be conditionally compatible with the ALUP as school uses (with students from kindergarten through twelfth grade and including charter schools) are conditionally compatible within the exterior exposure noise contour range of 60-65 db CNEL (SDIA 2014). In addition, the Project consists of the modification of an existing school and would not increase staff or students. Therefore, the Project would not expose people residing or working in the Project area to excessive noise levels within the vicinity of a private or public airport. Impacts would be less than significant.

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.

Environmental Science Associates (ESA), *Franklin Elementary School Whole Site Modernization, Initial Study/Mitigated Negative Declaration*. 2019.

Federal Transportation Administration (FTA), *Transit Noise and Vibration Impact Assessment Manual,* September 2018.

San Diego County Airport Land Use Commission, San Diego International Airport Land Use Compatibility Plan, Factor Maps and Matrices, Airport Influence Area, Review Area 2, May 2014.

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) **No Impact.** The Project Site is within an existing school property in a built-out urbanized community. The proposed activities do not include new homes or businesses, and would not result in the extension of public roads or other infrastructure. The proposed modernization improvements would not increase the amount of new students or staff present on site, but would rather provide infrastructure improvements to serve the existing student capacity. As such, the Project would not contribute to a substantial increase in unplanned population growth, and no impact would occur.

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, impacts associated with these issues would not occur.

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) **No 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 0.3 miles north at 6135 Imperial Avenue. Implementation of the Proposed Project would serve the existing student body. No new staff or student enrollment would result from implementation of the Project. As such, the Proposed Project would not induce population growth directly or indirectly that could increase the demand for fire protection services at the Project Site. Further, the Project Site is an existing school where fire protection services are already adequately provided. The Proposed Project would maintain adequate access to the site Project Site during construction, and further improve emergency access to the Project Site through the construction of the new student drop-off area and parking lot along Pastor Timothy J. Winters Street. As such, fire protection would not be significantly altered through implementation of the Proposed Project, and no impact would occur.

ii) The Project Site is currently serviced by the San Diego Police Department. The closest police station to the Project Site is the Southeastern Division, located 1.4 miles east at 7222 Skyline Drive. As previously detailed, while the Project would increase the number of classrooms, no new staff or student enrollment would result from implementation of the Project. Therefore, the Proposed Project would not result in a direct or indirect increase in population that would contribute to substantial

adverse physical impacts associated with police protection. As such, there would be no impact.

iii) The Project Site is located on an existing school campus. As previously detailed, no student capacity increase would result from implementation of the Project. No additional schools would be required by the Proposed Project. Therefore, the Project would not result in substantial adverse physical impacts associated with the need for new or physically altered school facilities. As such, no impact would occur

iv) As previously mentioned, the Proposed Project would not affect operations at the existing school campus. No additional parks would be required by the Proposed Project. The Project includes construction of recreational facilities such as new volleyball and tennis courts, a turf field, and an outdoor recreational area, which would provide for new recreational opportunities for the campus. Therefore, the Proposed Project would not result in substantial adverse physical impacts associated with the need for new or physically altered park facilities, and no impact would occur.

v) As previously mentioned, no new staff or student enrollment would result from implementation of the Project. No additional public services would be required by the Proposed Project. Therefore, the Proposed Project would not result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities. As such, no impacts would occur.

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 (e.g., football field, baseball field, playground equipment), Martin Luther King Jr. Recreation Center and Memorial Park is located approximately 1,200 feet southeast, and is the closest recreational facility to the Project Site. The Kennedy Neighborhood Park is the second closest public park facility to the Project Site, approximately 1.5 miles to the southwest.

While the Proposed Project would increase the school's number of classrooms, no new staff or student enrollment would result from implementation of the Project, as the Project would serve the existing student capacity. As such, the Proposed Project would not increase the use of existing recreational facilities such that substantial physical deterioration of the facilities would occur or be accelerated. Additionally, new recreational facilities would be provided within the Project Site to serve the students, including new volleyball and basketball courts and an outdoor recreation area. However, these impacts are analyzed throughout this Initial Study/MND for adverse physical effects on the environment. With implementation of mitigation measures mentioned throughout this document, the Project's proposed recreational facilities would not have an adverse physical effect on the environment, and 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?	☐	☐	☒	☐

The discussion of impacts related to transportation provided below is based on a transportation study prepared for the Proposed Project, which is provided in Appendix C of the Initial Study (LLG, 2020).

Discussion

a) **Less-than-Significant Impact.** The Project Site is located in the Encanto Neighborhoods community in the southern portion of the city of San Diego. Regional access to the Project Site is provided by I-805, approximately 1.6 miles to the west of the Project Site and SR 94, approximately 1.3 miles northwest of the Project Site. Local access is provided by Skyline Drive to the south, Imperial Avenue to the north, and Valencia Parkway to the west. The Project site is bound to the north by three residential homes and Pastor Timothy J. Winters Street, to the west by 61st Street, to the south by Skyline Drive, and to the east by single-family residences (see Figure 2). An additional access fire lane is located directly north of the baseball field to allow emergency vehicle access across the northern half of the Project Site.

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. The modernization improvements are scheduled to begin in early 2021.

Local Roadways

During the construction period, construction vehicles would use the roadways that surround the Project Site to deliver materials and haul waste. Workers' vehicles and construction vehicles could access the site from the above-mentioned local streets. Roadway users could experience temporary delays from material deliveries, but these delays would be both brief and infrequent. Therefore, they would not affect overall traffic circulation in

the Project vicinity. Construction staging would occur on-site and would not affect traffic operations on adjacent roadways. Construction activities would not impede non-motorized travel or public transportation in the Project vicinity. The Proposed Project could, however, require temporary sidewalk closures while repairs are performed on existing sidewalks and Americans with Disabilities Act (ADA) ramps along the perimeter of the Project Site. However, any delays would be temporary and not considered to be significant. Temporary traffic control during construction shall meet the requirements of the California Manual on Uniform Traffic Control Devices (Caltrans 2014).

As proposed, Project modernization would not conflict with any applicable plans, ordinances, or policies establishing measures for effectiveness of the performance of the circulation system, such as the Encanto Neighborhoods Community Plan Mobility Element, or the San Diego Metropolitan Transit System (MTS) ordinances. As previously noted, no staff or student enrollment increases would occur and therefore no additional trips to and from the Project Site would be generated during operation. In accordance with the City's Local Mobility Analysis (LMA) requirements, a LMA is not warranted (City of San Diego 2020). The Proposed Project would conform to the Encanto Neighborhoods Community Plan Mobility Element and would not generate more than 1,000 average daily trips. Therefore, the Proposed Project would not substantially degrade traffic operations or roadways in the Project vicinity, nor would it impede non-motorized travel or public transportation. As such, impacts would be less than significant.

Congestion Management Program Facilities

State Proposition 111, passed by voters in 1990, established a requirement that urbanized areas prepare and regularly update a Congestion Management Program (CMP). Although the SANDAG provided regular updates for the state CMP from 1991 through 2008, the San Diego region elected to opt out of (be exempt from) the state CMP in October 2009. As such, there is no relevance of the Proposed Project to potential conflicts with an applicable CMP, and no impact would occur.

Transit, Bicycle, and Pedestrian Facilities

The Project Site area is served directly by MTS Route 12. Route 12 runs between Paradise Valley Road and Meadowbrook Drive to City College Transit Center. The bus service on this route is provided from 5:34 a.m. from starting at the City College Transit Center and 4:29 a.m. starting from Paradise Valley Road and Meadowbrook Drive. Buses arrive at 15 to 20 minute intervals throughout the AM and PM peak traffic (MTS 2019).

Class II bicycle facilities (bike lanes) are provided in both travel directions on Skyline Drive; there are no other classified bicycle facilities near the Project Site. Overall, sidewalks are provided adjacent to the Project Site except for south side of the Pastor Timothy J Winters Street from Jenna Court to about 500 feet to the west near the school property line. A flashing beacon pedestrian crossing is provided across 61st Street at Flipper Drive.

The Proposed Project would not directly or indirectly eliminate alternative transportation corridors or facilities (e.g., bus stops). In addition, the Proposed Project would not preclude increased alternative transportation services. Therefore, the Proposed Project would not conflict with adopted policies, plans, or programs supporting alternative transportation. As mentioned above, the Proposed Project would not impede non-motorized travel or public transportation in the Project vicinity; it would not decrease the performance or safety of such facilities. As a result, impacts would be less than significant.

b) **Less-than-Significant Impact**. In accordance with Senate Bill (SB) 743, the 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 published its draft *Transportation Study Manual* (TSM) in June 2020, which updated transportation significance thresholds and transportation impact analysis procedures. Therefore, the TSM was used to determine the significance of transportation impacts.

According to the TSM, a detailed transportation VMT analysis is required for all land development projects, except those that meet one of eight designated screening criteria. A project that meets at least one of the screening criteria would be presumed to result in a less-than- significant VMT impact due to the Project characteristics and/or location. The Proposed Project would meet Criterion 3 – Small Projects, which states that projects generating less than 300 daily unadjusted driveway trips using the City's trip generation rates/procedures would result in a less-than-significant VMT impact. While the Proposed Project would create additional student capacity to serve the existing student body, it would not provide for new enrollment. Therefore, no new vehicle trips would be generated, and the Proposed Project would result in a less-than-significant impact related to CEQA Guidelines Section 15064.3.

c) **Less-than-Significant Impact with Mitigation Incorporated.** An impact would occur if the Project substantially increases roadway hazards due to a geometric design feature or the introduction of incompatible uses (i.e., farming equipment). The Project Site includes three existing surface parking lots, including one located in the central portion of campus accessed from 61st Street, which includes a student drop-off lane, seven general use parking spaces, 28 staff spaces, and three ADA spaces (for a total of 38 parking spaces). The remaining two surface parking lots are both accessible from Skyline Drive via a one-

way entrance and one-way exit driveway, with the kindergarten through eighth grade parking lot located parallel to Skyline Drive and the high school parking lot perpendicular to Skyline Drive. The kindergarten through eighth grade parking lot includes 104 general use parking spaces and four ADA spaces (for a total of 108 parking spaces), and the high school parking lot includes a drop-off lane, 34 general use spaces, 19 student spaces, 16 staff spaces, four school van spaces, and four ADA spaces (for a total of 77 parking spaces).

As shown on Figure 4, the Proposed Project would include a new parking lot and drop-off area north of the football field, accessible via a one-way entrance driveway and one-way exit driveway along Pastor Timothy J. Winters Street. The parking lot would include 26 general-use spaces and two ADA spaces, for a total of 28 parking spaces. The parking lot would be accessed from the school campus via an existing concrete walkway along the perimeter of the football field. Existing access points along Skyline Drive and 61st Street would remain. The kindergarten through eighth grade parking lot along Skyline Drive would also be improved with an addition of eight parking spaces east of the auditorium, as well as a new drop-off area that would be curb cut along Skyline Drive and separated from traffic by a raised median. The new drop-off area would be one-way and would be accessed by the existing parking lot entrance and exit driveways; the remaining existing drop-off area on Skyline Drive in front of the school would be eliminated and filled in, resulting in an expanded sidewalk along the southern frontage of the Project Site. Other kindergarten through eighth grade parking lot improvements include repairs to the existing lot, and restriping. No changes to the parking lot access from 61st Street is proposed.

As noted previously, a LMA was not conducted for the Proposed Project because no new vehicle trips would be generated. However, because substantial modifications to site access, parking, and on-site circulation would be constructed as part of the Proposed Project, a review of site access and circulation was conducted to determine whether the Proposed Project modifications would result in any new hazardous conditions or increase the severity of existing hazardous conditions. In particular, the new access and loading area at the northerly limits of the Project Site is anticipated to increase vehicle activity on Pastor Timothy J. Winters Street, and the introduction of a new drop-off area along Skyline Drive would increase pedestrian activity across the kindergarten through eighth grade parking lot.

Proposed Northern Parking Lot

As noted previously, there is currently no sidewalk on the south side of the Pastor Timothy J. Winters Street from Jenna Court to about 500 feet to the west near the school property line. With the increase in vehicle activity on Pastor Timothy J. Winters Street, this lack of sidewalk connectivity could increase the exposure of pedestrians to hazardous conditions (i.e., vehicle-pedestrian conflicts), resulting in a potentially significant impact. However, because there is an ADA compliant sidewalk on the northern side of Pastor Timothy J. Winters Street, it is assumed pedestrians would use that sidewalk. As a result, impacts related to safety hazards

associated with the construction and operation of the northern parking lot would be less-than-significant.

Furthermore, there is currently no traffic control at the intersection of Jenna Court and Pastor Timothy J. Winters Street, which would be aligned with one of the two new proposed one-way driveways (outbound). With the increase in vehicle activity on Pastor Timothy J. Winters Street and the introduction of vehicle turning movements out of the proposed parking/drop-off area to the south of Jenna Court, hazardous conditions for vehicles and pedestrians (i.e., vehicle-vehicle and vehicle-pedestrian conflicts) at this location would be introduced, resulting in a potentially significant impact. Implementation of **Mitigation Measure TRA-1** (see below) would mitigate the impact to a less-than-significant level.

Modified Southern Parking Lot

The proposed modifications to the existing passenger loading zone on Skyline Drive would result in more organized and predictable vehicle movements between the loading zone and through-travel lanes. This would reduce potential vehicle-vehicle conflicts compared to existing conditions where vehicles currently can pull into and out of traffic along the entire school frontage on Skyline Drive. Furthermore, by separating the passenger loading zone from vehicle traffic with a raised median, students being dropped-off and picked-up would be more physically distanced from fast-moving vehicles on Skyline Drive, thereby reducing hazardous conditions for pedestrians (i.e., vehicle-pedestrian conflicts). Based on the above, hazards for vehicles and pedestrians would be reduced with implementation of the Proposed Project, and the impact would be less than significant.

Mitigation Measures

TRA-1: Jenna Court/Pastor Timothy J. Winters Street Intersection Improvements. Prior to commencing construction of the new parking lot and drop-off area north of the football field, the District shall coordinate with the City on the appropriate traffic control at Pastor Timothy J. Winters Street/Jenna Court/new Project driveway. If necessary, a stop sign warrant shall be conducted. If stop signs are warranted, then the District shall install stop signs and provide high-visibility crosswalks, to current City standards.

Significance Determination: Less than significant with mitigation

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 Proposed Project would not include any alterations of existing roadway features (e.g., road realignment) that would create a permanent change to access for emergency vehicles. During construction of the Project, heavy construction-related vehicles could interfere with emergency response to the site (e.g., slowing vehicles traveling behind the truck). However, such delays would be infrequent and brief (drivers are required to pull over to allow an emergency vehicle on-call to pass), and contract specifications for the Project would ensure that emergency vehicle access on area roadways would be maintained at all times. As such, inadequate emergency access would not occur as a result of Project construction, and impacts would be less than significant.

References

California Department of Transportation (Caltrans), 2014. *California Manual on Uniform Traffic Control Devices*. Updated December 9, 2015.

City of San Diego, 2020. *Draft Transportation Study Manual (TSM).* June 10, 2020.

Linscott, Law & Greenspan, Engineers (LLG), 2020. *Transportation Study – O'Farrell Charter School*. September 26, 2020.

Metropolitan Transit System, 2019. Route 12 Timetable. Effective September 1, 2019.

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.** A Sacred Lands File (SLF) search request was submitted to the California Native American Heritage commission (NAHC) on July 9, 2020. The NAHC responded via letter on July 14, 2020 indicating that no Native American cultural resources are known to be within the Project Site or its vicinity.

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, which included O'Farrell Charter School. No other California Native American tribes are on the District's consultation list for AB 52.

Based on consultation, Jamul Indian Village requested a Kumeyaay Native American monitor for all ground disturbing activities. Therefore, to reduce potentially significant impacts on tribal cultural resources, Mitigation Measure TRI-1, which was developed in coordination with the Jamul Indian Village, would be required to minimize potential damage or loss of tribal cultural resources during Project specific ground disturbing activities. Mitigation Measure TRI-1 would reduce potential impacts to less than significant.

Mitigation Measures:

TRI-1: Monitoring of Ground-Disturbing Activities by Native American Monitors. To reduce potential impacts on Tribal Cultural Resources (TCRs), monitoring shall be conducted by a qualified Kumeyaay Native American monitor during all ground-disturbing activities. The role of the Kumeyaay Native American monitor would be to represent tribal concerns and communicate with the tribal council. Appropriate representatives would be identified based on the location of the identified traditional

location or place. Specifically, the following measures shall be implemented to reduce impacts:

- The Native American consultant/monitor, in consultation with the District, shall determine the extent of their presence during soil-disturbing and grading/excavation/trenching activities, and assist the District's qualified archaeologist and District with preparing the monitoring plan.
- If prehistoric resources are encountered during the Native American consultant/monitor's absence, work shall stop until the Native American monitor can observe and comment on the nature of the find.
- Attendance by Native American monitors during construction and restoration of the Proposed Program is at the discretion of the tribe, and the absence of a Native American monitor, should the tribes choose to forgo monitoring for some reason, will not delay work.
- The Native American monitors shall have the ability to notify the District's qualified archaeological monitor who has the authority to temporarily stop work if they find a cultural resource that may require recordation and evaluation.
- Interpretation of a find shall be requested from the Native American consultant/monitors involved with the discovery, evaluation, or data recovery of unanticipated finds for inclusion in a final Cultural Resources Report.
- The Native American monitor, in consultation with the District's qualified archaeologist, shall have the discretion to increase or decrease the level of monitoring under certain field conditions such as modern disturbance, including previous excavation/grading/trenching activities that exceed the depth of, or have removed, potential archaeological deposits; or when native soils are encountered.

Significance Determination: Less than significant with mitigation.

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 2020). Three treatment plants treat wastewater generated in the Metro System, including the Point Loma Water Reclamation Plant (PLWRP), South Bay Water Reclamation Plant (SBWRP), and the North City Wastewater Treatment Plant (NCWTP). The SBWRP currently treats the wastewater generated by the Project Site and has a treatment capacity of 15 million gallons per day (mgd). In 2017, the measured wastewater collected was 7.3 mgd, which leaves an available capacity of approximately 7.7 mgd (PUD 2017).

As previously mentioned, no new staff or student enrollment would result from implementation of the Project, and there would be no new source of wastewater generation within the SBWRP service area. As such, the Proposed Project would not require the construction or expansion of wastewater facilities, and 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 (MWD). 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 Project would not result in an increase of students or staff, which would result in water usage similar to existing conditions at the site. Therefore, the Proposed Project would not represent a new source of water demand within the PUD service area, and sufficient water supplies are available to serve the Proposed Project. Impacts on water supplies would be less than significant.

As previously mentioned above in Issue 10, the Proposed Project would include the addition of drainage improvements throughout the campus and introduction of landscaping elements, 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, implementation of the Proposed Project would increase student capacity, but would not result in an increase in enrollment at the school campus. Therefore, demand for water would not be significantly greater than what currently exists at the Project Site. As such, sufficient water supplies are available to serve the Proposed Project, and impacts on water supplies would be less than significant.

c) **Less-than-Significant Impact.** Improvements at the Project Site would not increase the number of staff or students enrolling at the school. Therefore, the Proposed Project would not generate greater demand for wastewater treatment compared to existing conditions. As such, the wastewater treatment provider that currently serves the Project would have adequate capacity to meet demand, and impacts on wastewater service 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 basketball and tennis courts) 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, construction solid waste would be taken to the closest landfill to the Project Site, which is the Sycamore Landfill, approximately 9.3 miles north of the Project Site. The Sycamore Landfill has a permitted throughput of 5,000 tons per day, and has a remaining capacity of 113,972,637 cubic yards (CalRecycle 2020). The landfill's cease operation date is anticipated to be in the year 2042. Therefore, the landfill would have sufficient capacity to accommodate the Proposed Project's construction disposal needs. After completion of construction, solid waste generation would not be significantly greater than what currently exists at the site,

as the Proposed Project would not result in an increase in staff or students enrolled. The Project Site would continue to be served by Sycamore Landfill with sufficient permitted capacity to accommodate the school's solid waste disposal needs. 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 capable of accommodating the school's solid waste. During construction, non-recyclable solid waste would be taken to a permitted landfill. During operation, the Proposed Project would continue to generate municipal solid waste that would 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 school would continue to comply with federal, state, and local regulations related to solid waste. Therefore, impacts would be less than significant.

References

California Department of Resources Recycling and Recovery (CalRecyle). 2020. Facility Site Summary Details: Sycamore Landfill. Available at https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/1798?siteID=2871. Accessed July 2020.

City of San Diego Public Utilities Department (PUD). 2016. City of San Diego 2015 Urban Water Master Plan. June, 2016. Accessed July, 2020.

____. 2017. 2017 South Bay Wastewater Reclamation Plant & Ocean Outfall Annual Report and Summary. Accessed July, 2020.

____. 2020. Wastewater Treatment Plant Monitoring. Webpage. https://www.sandiego.gov/public-utilities/sustainability/wastewater-plant-monitoring. Accessed July, 2020.

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). Further, 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 parking lots along Skyline Drive, at the entrance of the staff parking lot along 61st Street, and a fire lane also along 61st Street near the athletic fields. Construction activities would occur within the Project Site, with the exception of the student drop-off along Skyline Drive, which would be curb cut into the public right-of-way. Although access to the Project Site may be temporarily altered during construction of the Project, such delays would be infrequent and brief (drivers are required to pull over to allow an emergency vehicle on-call to pass), and contract specifications for the Project would ensure that emergency vehicle access on area roadways would be maintained at all times. After construction of the Project, emergency access would improve from existing conditions, as a new parking lot would be constructed along the northern portion of the site along Pastor Timothy J. Winters Street. As a result, the Project would not result in the impairment of an adopted emergency response plan or emergency evacuation plan to less than significant levels.

b) **Less-than-Significant Impact**. As detailed above in Issue 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 (with the exception of the high school campus being elevated and a berm in the northern portion of campus), the surrounding topography generally slopes downward to the southwest. Pastor Timothy J. Winters Street is topographically higher along the northwestern portion of the Project Site, then slopes down to below the berm located north of the playfields. Skyline Drive, along the southern boundary of the Project Site, is topographically lower than the Project Site along the eastern portion of campus. Vegetated slopes buffer the Project Site to the north, south, and east.

While portions of the Project Site and surrounding area vary in slope and while construction would 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. The Proposed Project would be designed and constructed in accordance with the California Fire Code. In addition, the berm located north of the playfields would be graded, reducing the amount of slopes on the Project Site. 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**. As detailed above in Issue 7, according to the Encanto Neighborhoods Community Plan, the Project Site is mapped as a "slide-prone formation", due to the hilly topography of the community (City of San Diego 2016). Although the Project Site and surrounding community are considered slide prone, the general topography of the Project Site has been modified through previous development activities, and is relatively flat (with the exception of the high school campus being elevated and a berm in the northern portion of campus). Additionally, all improvements would occur within the Project Site, and be subject to all requirements of the 2018 California Building Code and the 2010 California Fire Code.

Further, 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.

City of San Diego. 2016. Encanto Neighborhoods Community Plan. Available at https://www.sandiego.gov/sites/default/files/encanto_community_plan-revised_lu_maps-reduced_6-20-16.pdf

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 in Issue 4, the Project Site is developed as an operating school with a majority of the campus paved or graded with playfields. Implementation of the Proposed Project may include the removal and replacement of ornamental trees, as detailed in the Project Description, which could 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 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 Measure BIO-1, the Project would not result in impacts on biological resources that would have the potential to 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, or substantially reduce the number or restrict the range of a rare or endangered plant or animals. In addition, as discussed in Issue 5, in the unlikely event that archaeological resources are encountered they may qualify as historical resources pursuant to CEQA. With the incorporation of Mitigation Measures CUL-1 through CUL-3, potential impacts to archaeological resources would be reduced to a less than significant level. Further, implementation of Mitigation Measure TRI-1 would be required to minimize potential damage or loss of tribal cultural resources during Project specific ground disturbing activities, and would reduce potential impacts to less than significant. 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, land use, mineral resources, and population and housing. 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 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 O'Farrell Charter 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, HAZ-1 and HAZ-2, NOI-1 and NOI-2, TRA-1, and TRI-1 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

Muir at Anderson School Whole Site Modernization Project Assumptions as incorporated by the O'Farrell Charter School Whole Site Modernization

ESA

Appendix A
Air Quality Worksheets

ESA

This appendix includes modeling outputs and calculations for a project similar to the Proposed Project, the Muir at Anderson School Whole Site Modernization Project. The assumptions and methodology used in this similar project are similar to those that would be used for the Proposed Project. Therefore, the use of the previous modeling outputs and calculation files is appropriate for the Proposed Project.

ESA

Air Quality 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

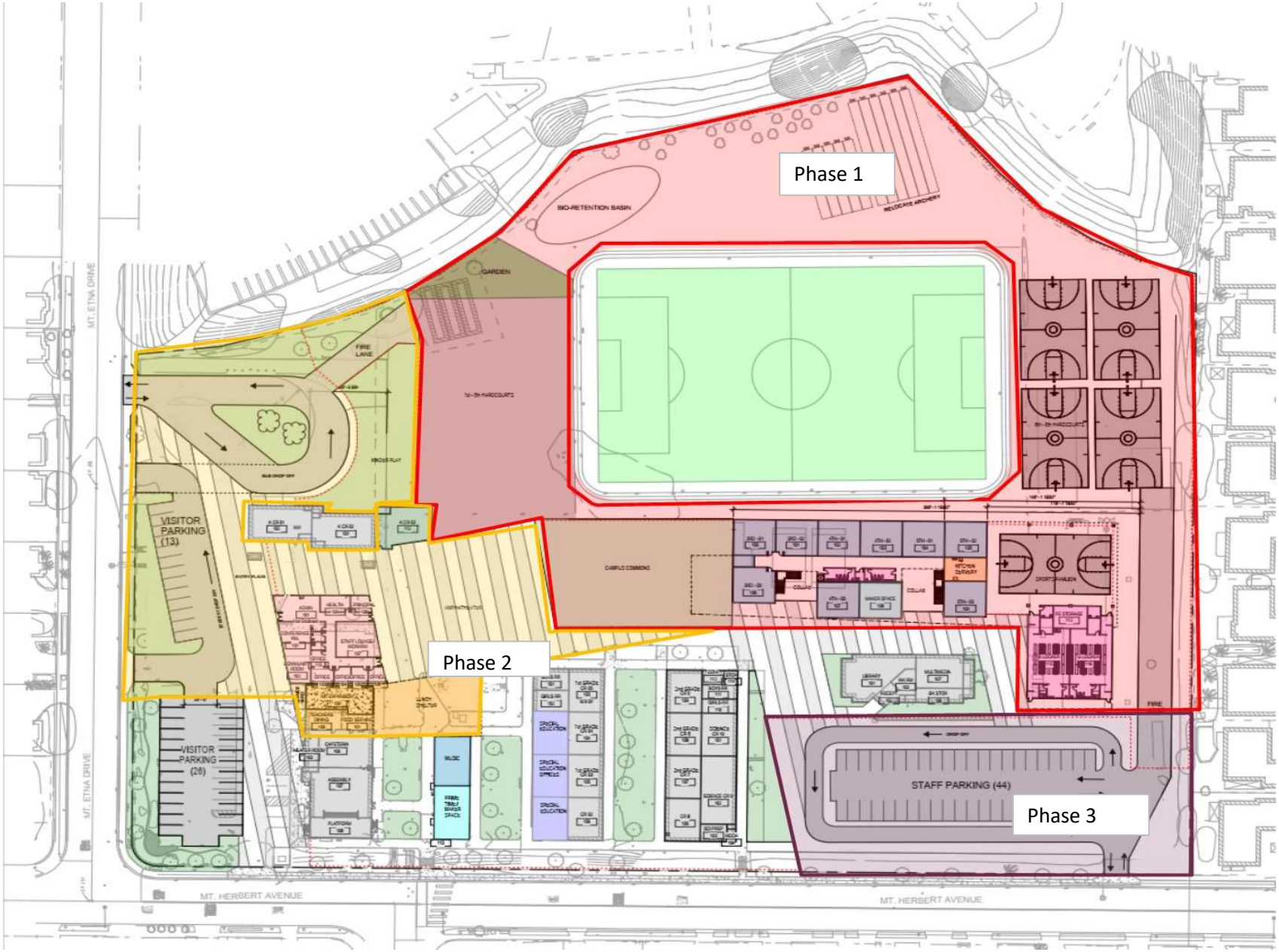
	T24 Electricity	**Lighting**	**T24 NG**
Elementary School	1.52	2.54	5.44

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

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

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
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
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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
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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
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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
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
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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
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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
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tblVehicleEF	MH	0.51	0.40
tblVehicleEF	MH	0.13	0.09
tblVehicleEF	MH	0.03	1.81
tblVehicleEF	MH	0.38	0.10

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tblVehicleEF	MH	0.18	0.11
tblVehicleEF	MH	0.03	1.81
tblVehicleEF	MH	0.42	0.11
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tblVehicleEF	MHD	6.6600e-004	4.5736e-004
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tblVehicleEF	MHD	5.7770e-003	6.3620e-003
tblVehicleEF	MHD	8.0600e-004	1.2362e-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
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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
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
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tblVehicleEF	MHD	155.67	80.75
tblVehicleEF	MHD	1,202.27	1,110.80
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tblVehicleEF	MHD	1.45	1.34
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
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tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	5.7770e-003	6.3620e-003
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tblVehicleEF	MHD	1.2730e-003	6.9170e-004
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tblVehicleEF	MHD	0.03	0.03
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tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.36	0.06
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tblVehicleEF	MHD	5.3520e-003	2.3680e-003
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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
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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
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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
tblVehicleEF	MHD	0.36	0.06
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.7200e-004	1.0771e-004
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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	OBUS	0.01	0.01
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tblVehicleEF	OBUS	0.04	0.05

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tblVehicleEF	OBUS	7.3420e-003	7.2660e-003

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tblVehicleEF	SBUS	0.02	0.04
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tblVehicleEF	SBUS	2.7210e-003	2.8312e-003
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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
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
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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
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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
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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
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
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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
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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
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tblVehicleEF	MH	0.51	0.40
tblVehicleEF	MH	0.13	0.09
tblVehicleEF	MH	0.03	1.81
tblVehicleEF	MH	0.38	0.10

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tblVehicleEF	MH	0.18	0.11
tblVehicleEF	MH	0.03	1.81
tblVehicleEF	MH	0.42	0.11
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tblVehicleEF	MHD	6.6600e-004	4.5736e-004
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tblVehicleEF	MHD	5.7770e-003	6.3620e-003
tblVehicleEF	MHD	8.0600e-004	1.2362e-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
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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
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
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tblVehicleEF	MHD	155.67	80.75
tblVehicleEF	MHD	1,202.27	1,110.80
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tblVehicleEF	MHD	1.45	1.34
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
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tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	5.7770e-003	6.3620e-003
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tblVehicleEF	MHD	1.2730e-003	6.9170e-004
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tblVehicleEF	MHD	0.03	0.03
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tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.36	0.06
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tblVehicleEF	MHD	5.3520e-003	2.3680e-003
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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
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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
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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
tblVehicleEF	MHD	0.36	0.06
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.7200e-004	1.0771e-004
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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	OBUS	0.01	0.01
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tblVehicleEF	OBUS	0.04	0.05

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tblVehicleEF	OBUS	7.3420e-003	7.2660e-003

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tblVehicleEF	SBUS	0.02	0.04
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tblVehicleEF	SBUS	2.7210e-003	2.8312e-003
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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.

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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)

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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

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			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

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			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

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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

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			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

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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

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
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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188	Receptor
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

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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
**
****************************************
**
** 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
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   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
** ----------------------------------------------------------------------
   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
** ----------------------------------------------------------------------
   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
** ----------------------------------------------------------------------
   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
** ----------------------------------------------------------------------
** 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
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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
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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
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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
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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
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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
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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
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EMISFACT L0003012     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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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
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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
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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
EMISFACT L0003015     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003016     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003016     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0003017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003017     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0003019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0003020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003022     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
   EMISFACT L0003023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003023     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 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003024     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   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 L0003025     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003026     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003027     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003029     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003029     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003030     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   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
   EMISFACT L0003032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   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 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   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
   EMISFACT L0003034     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003034     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   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
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   EMISFACT L0003035     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   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 1.0 1.0 1.0 1.0 1.0 1.0
   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 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003037     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0002991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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 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 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
   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
   EMISFACT L0002994     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 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 L0002995     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 L0002996     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0002996     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 L0002997     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
   EMISFACT L0002997     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
   EMISFACT L0002998     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 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
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EMISFACT L0003000     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 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003022     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 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
   EMISFACT L0002991     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002991     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 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
   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 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 L0002995     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
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   EMISFACT L0002998     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 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 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
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EMISFACT L0003003     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 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
   EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000064     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000064     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   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
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   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
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   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
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   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
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EMISFACT L0000044     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
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   EMISFACT L0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT L0000041     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 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 L0003113     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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
   EMISFACT L0003116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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
   EMISFACT L0003120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003120     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   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
   EMISFACT L0003122     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003123     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003123     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003123     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003123     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003124     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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
   EMISFACT L0003124     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 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
   EMISFACT L0003125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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
   EMISFACT L0003127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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
   EMISFACT L0003127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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:
   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 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
   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 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 L0003113     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 L0003114     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003114     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003114     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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 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
   EMISFACT L0003116     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 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
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   EMISFACT L0003117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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 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 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
   EMISFACT L0003119     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
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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
   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
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   EMISFACT L0003126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003126     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
   EMISFACT L0003128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** 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 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
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   EMISFACT L0003105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   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
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   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
   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 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
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   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 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 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003115     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 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 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 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
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   EMISFACT L0003123     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
   EMISFACT L0003124     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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 L0003126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003126     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
   EMISFACT L0003127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003128     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
   EMISFACT L0003128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT L0003129     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003130     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003131     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003131     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003132     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003132     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   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 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003133     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   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
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   EMISFACT L0003134     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003135     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003136     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003139     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003145     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
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   EMISFACT L0003148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   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
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   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
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   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
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   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
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   EMISFACT L0003157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   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
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   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:
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   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
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   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 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
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   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:
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   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
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   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
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   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
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   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
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   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 L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001312     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001313     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   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
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   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
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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
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   EMISFACT L0001307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   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
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   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
   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 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
   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 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
   EMISFACT L0001331     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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
   EMISFACT L0001333     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001333     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001334     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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
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   EMISFACT L0001319     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 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
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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
   EMISFACT L0001322     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
   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
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   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
   EMISFACT L0001328     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 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 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 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
   EMISFACT L0001331     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 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001332     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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 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 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001334     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001334     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001334     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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 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 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 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 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
   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 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
** 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
   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 L0001319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   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
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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
   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
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   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 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 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 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
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   EMISFACT L0001327     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001329     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 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001334     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001335     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
   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 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
   EMISFACT L0002582     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002582     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002583     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002583     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002584     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002584     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0002584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002585     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0002585     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0002585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002586     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0002587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002587     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0002587     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0002587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002588     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002588     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0002588     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0002588     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002589     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002589     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0002591     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002591     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0002592     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002592     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0002593     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002593     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0002595     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002595     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0002596     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002598     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002599     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002599     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0002599     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0002599     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002600     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0002601     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0002602     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002603     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0002603     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002604     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0002604     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0002625     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002625     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0002626     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002626     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002626     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002626     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002627     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002627     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002627     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002627     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002628     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002628     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002628     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002628     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002629     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002629     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002629     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002629     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002630     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002630     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002630     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002630     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002631     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002631     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002631     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0002631     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP P1BC     L0000041 L0000042 L0000043 L0000044 L0000045 L0000046
   SRCGROUP P1BC     L0000047 L0000048 L0000049 L0000050 L0000051 L0000052
   SRCGROUP P1BC     L0000053 L0000054 L0000055 L0000056 L0000057 L0000058
   SRCGROUP P1BC     L0000059 L0000060 L0000061 L0000062 L0000063 L0000064
   SRCGROUP P1BC     L0000065 L0000066 L0000067 L0000068 L0000069 L0000070
   SRCGROUP P1DEMO   L0002991 L0002992 L0002993 L0002994 L0002995 L0002996
   SRCGROUP P1DEMO   L0002997 L0002998 L0002999 L0003000 L0003001 L0003002
   SRCGROUP P1DEMO   L0003003 L0003004 L0003005 L0003006 L0003007 L0003008
   SRCGROUP P1DEMO   L0003009 L0003010 L0003011 L0003012 L0003013 L0003014
   SRCGROUP P1DEMO   L0003015 L0003016 L0003017 L0003018 L0003019 L0003020
   SRCGROUP P1DEMO   L0003021 L0003022 L0003023 L0003024 L0003025 L0003026
   SRCGROUP P1DEMO   L0003027 L0003028 L0003029 L0003030 L0003031 L0003032
   SRCGROUP P1DEMO   L0003033 L0003034 L0003035 L0003036 L0003037
   SRCGROUP P1G      L0003038 L0003039 L0003040 L0003041 L0003042 L0003043
   SRCGROUP P1G      L0003044 L0003045 L0003046 L0003047 L0003048 L0003049
   SRCGROUP P1G      L0003050 L0003051 L0003052 L0003053 L0003054 L0003055
   SRCGROUP P1G      L0003056 L0003057 L0003058 L0003059 L0003060 L0003061
   SRCGROUP P1G      L0003062 L0003063 L0003064 L0003065 L0003066 L0003067
   SRCGROUP P1G      L0003068 L0003069 L0003070 L0003071 L0003072 L0003073
   SRCGROUP P1G      L0003074 L0003075 L0003076 L0003077 L0003078 L0003079
   SRCGROUP P1G      L0003080 L0003081 L0003082 L0003083 L0003084 L0003085
   SRCGROUP P1G      L0003086 L0003087 L0003088 L0003089 L0003090 L0003091
   SRCGROUP P1G      L0003092 L0003093 L0003094 L0003095 L0003096 L0003097
   SRCGROUP P1G      L0003098 L0003099 L0003100 L0003101 L0003102 L0003103
   SRCGROUP P1P1     L0000071 L0000072 L0000073 L0000074 L0000075 L0000076
   SRCGROUP P1P1     L0000077 L0000078 L0000079 L0000080
   SRCGROUP P1P2     L0003104 L0003105 L0003106 L0003107 L0003108 L0003109
   SRCGROUP P1P2     L0003110 L0003111 L0003112 L0003113 L0003114 L0003115
   SRCGROUP P1P2     L0003116 L0003117 L0003118 L0003119 L0003120 L0003121
   SRCGROUP P1P2     L0003122 L0003123 L0003124 L0003125 L0003126 L0003127
   SRCGROUP P1P2     L0003128
   SRCGROUP P1SP     L0002579 L0002580 L0002581 L0002582 L0002583 L0002584
   SRCGROUP P1SP     L0002585 L0002586 L0002587 L0002588 L0002589 L0002590
   SRCGROUP P1SP     L0002591 L0002592 L0002593 L0002594 L0002595 L0002596
   SRCGROUP P1SP     L0002597 L0002598 L0002599 L0002600 L0002601 L0002602
   SRCGROUP P1SP     L0002603 L0002604 L0002605 L0002606 L0002607 L0002608
   SRCGROUP P1SP     L0002609 L0002610 L0002611 L0002612 L0002613 L0002614
   SRCGROUP P1SP     L0002615 L0002616 L0002617 L0002618 L0002619 L0002620
   SRCGROUP P1SP     L0002621 L0002622 L0002623 L0002624 L0002625 L0002626
   SRCGROUP P1SP     L0002627 L0002628 L0002629 L0002630 L0002631
   SRCGROUP P2BC     L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP P2BC     L0000259 L0000260 L0000261
   SRCGROUP P2D      L0003129 L0003130 L0003131 L0003132 L0003133 L0003134
   SRCGROUP P2D      L0003135 L0003136 L0003137 L0003138 L0003139 L0003140
   SRCGROUP P2D      L0003141 L0003142 L0003143 L0003144 L0003145 L0003146
   SRCGROUP P2D      L0003147 L0003148 L0003149 L0003150 L0003151 L0003152
   SRCGROUP P2D      L0003153 L0003154 L0003155 L0003156 L0003157 L0003158
   SRCGROUP P2D      L0003159
   SRCGROUP P2P      L0001301 L0001302 L0001303 L0001304 L0001305 L0001306
   SRCGROUP P2P      L0001307 L0001308 L0001309 L0001310 L0001311 L0001312
   SRCGROUP P2P      L0001313 L0001314 L0001315
   SRCGROUP P3       L0001316 L0001317 L0001318 L0001319 L0001320 L0001321
   SRCGROUP P3       L0001322 L0001323 L0001324 L0001325 L0001326 L0001327
   SRCGROUP P3       L0001328 L0001329 L0001330 L0001331 L0001332 L0001333
   SRCGROUP P3       L0001334 L0001335 L0001336 L0001337 L0001338 L0001339
   SRCGROUP P3       L0001340 L0001341
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "Muir School.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
```

```
   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
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
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
L0003002	0	0.21277E-01	481807.5	3631588.1	101.9	5.00	5.67	3.40	YES	HRDOW
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);
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*** 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);
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*** 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

*** 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

```
 *** 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 ***
    ************************************
```

Appendix C
Energy Worksheets

ESA

This appendix includes modeling outputs and calculations for a project similar to the Proposed Project, the Muir at Anderson School Whole Site Modernization Project. The assumptions and methodology used in this similar project are similar to those that would be used for the Proposed Project. Therefore, the use of the previous modeling outputs and calculation files is appropriate for the Proposed Project.

ESA

Appendix C: 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 2019

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

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**		
EMFAC2014 Diesel Fuel Consumption Factor:[2]	0.9563	gallons/hour	
Total Haul Truck Idle-Hours per Year:	18	hours	
Total Idling diesel gallons (on-road haul trucks):	**17**		
Total diesel gallons (on-road haul trucks):	**1,631**	gal	

Estimated Fuel Savings from Anti-Idling Regulation (64 percent based on estimated CARB emissions reductions): [3]

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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**

Natural Gas	NG Use (million kBtu)
Existing	0.05
Proposed Project	0.14
Net Total	0.10

Transportation Fuel	Gallons
Project	
Gasoline	55,979
Diesel	6,055

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

2019 SDG&E Electricity and Natural Gas Sales

Quarter	Total Electrictiy (kWh)	Total NG (therms)
Q1	3,849,585,326	154,292,551
Q2	3,464,761,043	86,642,557
Q3	4,225,119,383	62,505,227
Q4	3,623,057,773	109,789,015
Total	**15,162,523,525**	**413,229,350**
Total (in millions)	**15,163**	**413**

Source: https://energydata.sdge.com/

Appendix E
Greenhouse Gas Worksheets

ESA

This appendix includes modeling outputs and calculations for a project similar to the Proposed Project, the Muir at Anderson School Whole Site Modernization Project. The assumptions and methodology used in this similar project are similar to those that would be used for the Proposed Project. Therefore, the use of the previous modeling outputs and calculation files is appropriate for the Proposed Project.

ESA

Greenhouse Gas Appendix

Table of Contents

1 Assumptions
2 Emissions Summary
3 CalEEMod Output
    a. Construction Phase 1
    b. Construction Phase 2
    c. Construction Phase 3
    d. Project Operation
    e. Existing Operation
4 EMFAC2017 (See Air Quality Appendix)

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

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
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tblVehicleEF	SBUS	0.08	2.7372e-003
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tblVehicleEF	SBUS	14.36	0.63
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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
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tblVehicleEF	SBUS	0.01	0.03

tblVehicleEF	SBUS	0.36	0.02
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tblVehicleEF	SBUS	0.01	0.01
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tblVehicleEF	SBUS	2.2640e-003	4.9494e-004
tblVehicleEF	SBUS	0.03	5.2412e-003
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tblVehicleEF	SBUS	1.4470e-003	2.4303e-004
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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
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tblVehicleEF	SBUS	1,112.40	1,097.59
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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
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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
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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
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tblVehicleEF	SBUS	0.01	5.9784e-003
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tblVehicleEF	SBUS	2.7210e-003	2.8312e-003
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tblVehicleEF	SBUS	7.0100e-004	3.0099e-005
tblVehicleEF	SBUS	2.1690e-003	5.1290e-004
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tblVehicleEF	SBUS	1.2940e-003	2.1637e-004
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tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.39	0.02
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tblVehicleEF	SBUS	1.2940e-003	2.1637e-004
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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
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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
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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
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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

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tblVehicleEF	UBUS	7.76	38.17
tblVehicleEF	UBUS	7.54	1.31
tblVehicleEF	UBUS	1,933.83	1,906.11
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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

This appendix includes modeling outputs and calculations for a project similar to the Proposed Project, the Muir at Anderson School Whole Site Modernization Project. The assumptions and methodology used in this similar project are similar to those that would be used for the Proposed Project. Therefore, the use of the previous modeling outputs and calculation files is appropriate for the Proposed Project.

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 B
Historical Evaluation

ESA

Appendix A

California Register of Historical Resources Evaluation of O'Farrell Charter School Pursuant to CEQA Compliance – January 2013

Technical Memorandum, ICF International

Attachment 1: Historical Context, Modern San Diego Public School Development

Attachment 2: Department of Parks and Recreation Forms 523A and 523B, O'Farrell Charter School

Memorandum

Date:	January 23, 2013
To:	Kathryn Ferrell San Diego Unified School District Maintenance and Operations Center 4860 Ruffner Street San Diego, CA 92111-1522
From:	Timothy Yates, Ph.D. Historian, Architectural Historian, Environment & Planning Division Martin D Rosen, M.A., RPA Senior Project Manager-Cultural Resources, Environmental & Planning Division
Subject:	**California Register of Historical Resources Evaluation of O'Farrell Charter School Pursuant to CEQA Compliance, San Diego Unified School District**

Introduction

This cultural resources technical memorandum has been prepared by ICF for the San Diego Unified School District (SDUSD). SDUSD is seeking to undertake improvements to the infrastructure of O'Farrell Charter School in accordance with Proposition S Bond List. The proposed modernization would involve alterations to the built environment of the school that include:

- upgrades to classrooms and recreational facilities
- construction of a new high school adjacent to the existing O'Farrell Charter School

Regulatory Setting

The California Environmental Quality Act (CEQA) requires public agencies to evaluate the implications of their project(s) on the environment and includes significant historical resources as part of the environment.

According to CEQA, a project that causes a *substantial adverse change* in the significance of a *historical resource* or a *unique archaeological resource* has a significant effect on the environment (CEQA Guidelines 15064.5, Pub. Res. Code section 21083.2). CEQA defines a *substantial adverse change* 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; or

- Demolition or material alteration of the physical characteristics that convey the resource's historical significance and justify its designation as a *historical resource*

Public agencies must treat any cultural resource as significant unless the preponderance of evidence demonstrates that it is not historically or culturally significant (Title 14 CCR, Section 15064.5). A historic resource is considered significant if it meets the definition of *historical resource* or *unique archaeological resource*.

The term *historical resource* includes, but is not limited to any object, building, structure, site, area, place, record, or manuscript that is historically or archaeologically significant, or is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California (Public Resource Code PRC 5020.1(j)). Historical resources may be designated as such through three different processes:

1. Official designation or recognition by a local government pursuant to local ordinance or resolution (PRC 5020.1(k))
2. A local survey conducted pursuant to PRC 5024.1(g)
3. The property is listed in or eligible for listing in the National Register of Historic Places (NRHP) (PRC 5024.1(d)(1))

The process for identifying historical resources is typically accomplished by applying the criteria for listing in the California Register of Historical Resources (CRHR) (Title 14 CCR, Section 4852), which states that a historical resource must be significant at the local, state, or national level under one or more of the following four criteria:

1. It is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
2. It is associated with the lives of persons important in our past.
3. It embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master or possesses high artistic values.
4. It has yielded, or may be likely to yield, information important in prehistory or history.

To be considered a *historical resource* for the purposes of CEQA, the resource must also have integrity, which is the authenticity of a resource's physical identity evidenced by the survival of characteristics that existed during the resource's period of significance.

Resources, therefore, must retain enough of their historic character or appearance to be recognizable as historical resources and to convey the reasons for their significance. Integrity is evaluated with regard to the retention of location, design, setting, materials, workmanship, feeling and association. It must also be judged with reference to the particular criteria under which a resource is eligible for listing in the CRHR (California Code of Regulations title 14, Section 4852(c)).

Summary of Efforts and Findings

Prior to commencing field activities pursuant to the evaluation, a records search was undertaken at the South Coastal Information Center. No previously recorded cultural resources had been found within or adjacent to the O'Farrell Charter School.

On December 12, 2012, ICF historian Timothy Yates visited the campus and recorded its buildings and landscape with digital photography. On December 12, 2012, Dr. Yates also researched the construction of the school using original plans on file at the Architectural Archives of the SDUSD Maintenance and Operations Center. Additional research on the historic context of San Diego School development was performed on-line, at the San Diego History Center, and at the Main Branch of the San Diego Public Library.

ICF International recommends that O'Farrell Charter School be considered ineligible for listing on the California Register of Historical Resources (CRHR), and that it not be considered a historical resource for the purposes of CEQA. Consequently, the proposed modernization of the school in association with Proposition S does not appear to have the potential to result in substantial adverse effects to a historical resource.

The school is described and formally evaluated for CRHR eligibility below. Attachment 1 of this report is a historic context statement on modern San Diego public school development that has informed the evaluation of O'Farrell. Department of Parks and Recreation (DPR) Forms 523A and 523B for the school are attached to this memorandum (Attachment 2).

While Dr. Yates concentrated his efforts on the above ground resources, Martin Rosen, RPA, researched the potential for below ground resources within the school property. Mr. Rosen's discussion follows the school evaluation below.

O'Farrell Charter School Description

O'Farrell Charter School is located at 6130 Skyline Drive, in a suburban neighborhood near the Encanto and Valencia Park areas of southeastern San Diego. The campus consists of nine original buildings dating to 1960, a library addition, and numerous portable classrooms. The main entrance to the school is located west of the main parking lot along Skyline Drive, between the Administration Building and the Auditorium. Photographs of the school referenced in parentheses in this description can be consulted below beginning on page 7. A site map of the campus is included below on page 6.

The largest and most boldly designed building on the O'Farrell campus is the school's late mid-century modern Auditorium, situated at the corner of Skyline Drive and 61st Street amid lawns, shrubs, and concrete walkways and stairs (Photograph 1). Irregular in plan, the angular and largely stucco-clad building features a prominent butterfly-shaped eave projection with tile-clad support columns at the east-facing façade. The projecting eave shelters four symmetrically arranged entries outlined by molding and secured by double-leaf institutional-grade doors. West of the Auditorium's one-story-high entry area, the audience and stage enclosures of the building are formed by two wedge-shaped masses attached at their narrower ends. Topped by angled roofs with low perimeter parapets that form an internal gutter valley at the center of the building, these two wedge-shaped

masses rise as high as two-stories on their east and west sides. The west elevation has a sign identifying the school, a large non-original mural, two square-shaped louvered vents, and a molding-outlined entry with single- and double-leaf institutional-grade doors (Photograph 2). An attached circulation canopy at the north elevation is supported on its north side by steel piloti or posts set at interior leaning angles (Photograph 16). At the northeast corner of the Auditorium, a steel gate secures the school's main entrance, which is sheltered by a piloti-supported canopy attached to both the Auditorium and the southwest corner of the Administration Building (Photograph 3).

Most of the campus's other buildings are altogether commonplace examples of mid-century modern school architecture. Rectangular in plan, the Administration Building has a flat roof, stucco cladding, multiple entries with institutional-grade doors, and rectangular aluminum-frame windows arranged mainly in multiple four-light stacks, or—at north and south elevations—as clerestory ribbons (Photographs 3-4, 18). Broad eaves shelter paved circulation corridors around the building. The main entry at the west elevation features a large bank of rectangular aluminum-frame windows and a concrete-block planter. Long concrete-block planters interrupted by concrete stairways parallel the sheltered corridor at the north elevations of both the Administration Building and Building 100 immediately to the east. Attached eaves at the east end of the Administration Building and the west end of Building 100 form a breezeway secured by chain link gates.

Housing classrooms, Building 100 has a long rectangular plan, stucco cladding, a flat roof with broadly projecting eaves at the north and south elevations, a central breezeway secured by steel-wire gates, and a combination of rectangular aluminum-frame clerestory windows and large window banks formed of a series of rectangular aluminum-frame windows stacked four-lights high (Photographs 4-5). Security screens front the windows at the south elevation. The building's numerous entries at the eave-sheltered north and south elevations mainly have single-leaf institutional-grade doors, some with rectangular vision lights.

North of Building 100, Building 200 mainly contains classrooms with entries at the north and south elevations and largely repeats the design of Building 100 (Photograph 6). Building 200 differs, however, in that it has two breezeways, a longer plan, and its original rectangularity has been altered by a shed-roofed and stucco-clad library addition at the west end of the south elevation (Photograph 7). The library addition has several rectangular windows that are larger than the campus's original windows. Its entry is accessed by both concrete steps and a concrete ramp. Circulation canopies with angled steel piloti supports connect the southwest corner and the library addition entry of Building 200 to the north side of the Administration Building, and connect Building 200 at its eastern breezeway to the Building 100 breezeway (Photographs 5, 7, 13).

Located north of Building 200's east end, Building 300 also contains classrooms. It has a rectangular plan and is a third of the size of Building 200, but essentially repeats Building 200's other original design features (Photograph 8). A circulation canopy with steel piloti extends from Building 200 at its eastern breezeway to the eave projection on the west side of Building 300. This arrangement is repeated on the north side of Building 300, where a circulation canopy connects to the southern eave extension of the Physical Education Building (Photographs 8-9).

Rectangular in plan, the Physical Education Building has a flat roof, stucco cladding, few aluminum-frame windows, numerous single- and double-leaf institutional grade doors, and no eave projections

except at the circulation route along its south elevation (Photograph 10). Containing locker rooms and a central studio with the rectangular studio roof rising slightly higher than the rest of the roof, the Physical Education Building is connected to the east side of classroom Building 400 by a breezeway (Photograph 11).

Building 400 originally housed shops and appears to have since been converted to classrooms (Photographs 11-12). Its flat roof forms broad sheltering eaves at its north and south elevations. Its exterior walls are clad in stucco and its fenestration consists of banks of rectangular, aluminum-frame windows stacked three lights high, several clerestory windows, single- and double-leaf institutional-grade doors, and metal roll-up vehicle or equipment doors at the west end of the north and south elevations.

Well south of Building 400, and immediately west of the Administration Building and north of the Auditorium is an open-air lunch area bordered on the northwest by the school's Cafeteria and on the west by Building 500, which contains music rooms. The rectangular-plan, stucco-clad Cafeteria is connected via circulation canopies with angled steel piloti supports or by its broad eaves to Buildings 500 and 200 (Photograph 13). The south elevation accommodates lunch service windows and the east elevation features a series of partitioned bays with stacks of rectangular aluminum-frame windows (Photograph 14). An additional, larger bank of aluminum-frame windows lights the building's interior from the north elevation. Multiple entries feature single- and double-leaf institutional-grade doors, some with glazing. The west elevation along S. 61st Street has a ribbon of rectangular aluminum-frame windows with louvered exterior sun screens, and a loading area secured by a steel wire fence (Photograph 15). A non-original lunch shelter with square steel support posts and a flat roof rising higher than the surrounding roofs and circulation canopies is situated on the east side of the Cafeteria (Photograph 14).

The Cafeteria is connected by a breezeway to Building 500, which is in turn connected to the Auditorium (Photographs 15-17). Rectangular in plan and clad in stucco, Building 500 has flat roofs, with the northern roof rising higher than the southern, and a broad, sheltering eave extension at the south elevation with angled piloti supports. The building is accessed at various entries secured by single- and double-leaf institutional-grade doors. The west elevation along 61st Street has windows fronted by exterior louvered sun shades (Photograph 15). A steel gate secures the breezeway between Building 500 and the auditorium (Photograph 17).

The O'Farrell Charter School campus is equipped with numerous portable classroom buildings. Nine of these positioned in rows of three, all located north of the Cafeteria, appear to have remained at their original sites since the early 1960s (historicaerials.com). These rectangular-plan buildings feature composite-cladding, slightly angled roofs with broad sheltering eaves at their entries, banks of rectangular aluminum-frame windows stacked four high, single-leaf institutional-grade entry doors and wood entry stairs or disability access ramps with steel railing (Photograph 19). Additional portable buildings, some dating to recent decades, are located west of Building 400, between Building's 400 and 200, and east of Buildings 100 and 200, atop a slope surmounted by non-original concrete stairs and a concrete disability access ramp, both with steel railing (Photographs 20-22).

In addition to previously mentioned concrete circulation routes and concrete-block planters, the campus is landscaped with lawns, numerous trees and shrubs, unsheltered concrete walkways between canopies and buildings, several concrete planters, and concrete and steel picnic tables and benches, the latter of which do not appear to be original in many cases. The open lunch area west of the Administration Building and north of the Auditorium features six terraced planters comprised of mortar and solid rusticated concrete blocks that do not appear to be original (Photograph 18) . A similar planter is located east of the library addition to Building 200. Running along the undersides of some of the circulation canopies and building eaves are aluminum ducts that do not appear to be original features of the school (Photographs 3, 5, 7-9, 13, 16-18).

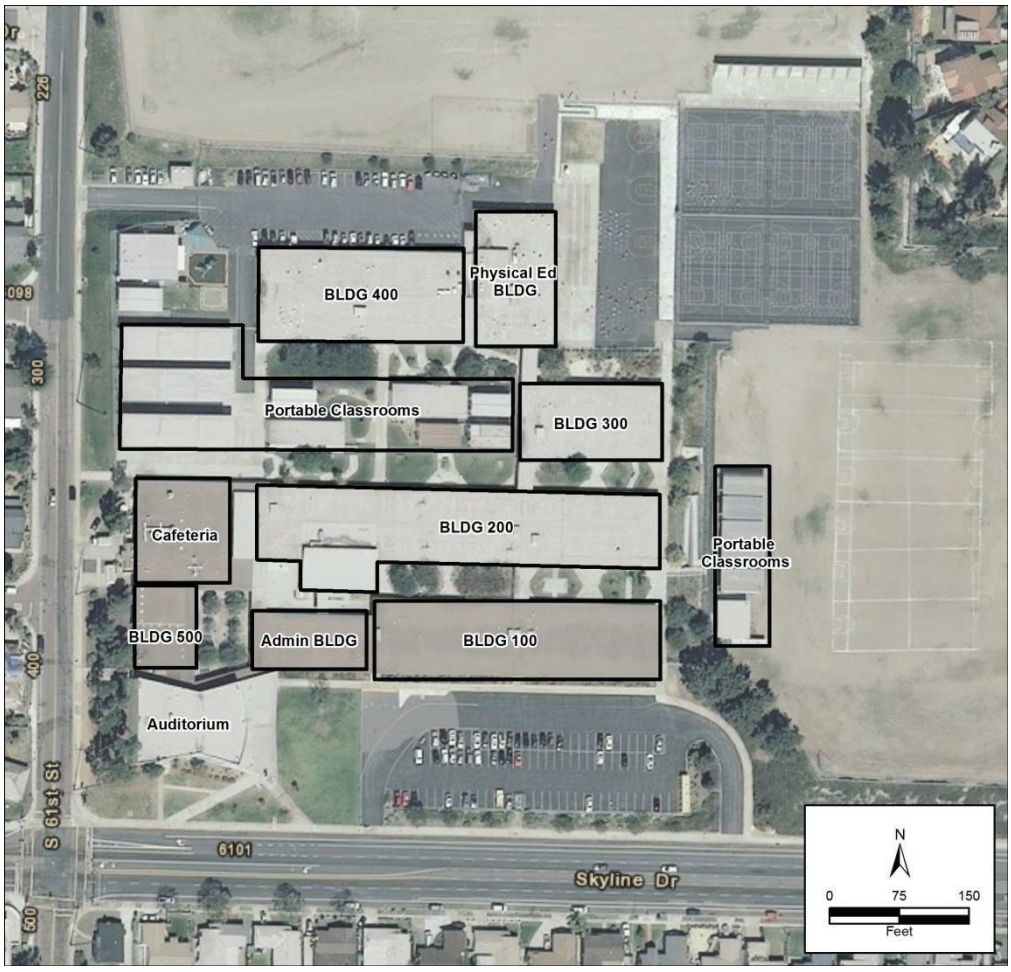


Figure 1. O'Farrell Charter School Site Map



Photograph 1. Auditorium (left), main school entry (center-right), Administration Building (right), view to west-northwest



Photograph 2. South elevation of Auditorium, view to northeast



Photograph 3. Main campus entry and west elevation of Administration Building, view to northeast



Photograph 4. South elevations of Administration Building and Building 100



Photograph 5. North elevation of Building 100 (left), note circulation canopy connecting Building 100 breezeway to Building 200 breezeway, view to west



Photograph 6. East end of Building 200's south elevation, view to northwest



Photograph 7. Library addition at west end of Building 200's south elevation, view to northeast



Photograph 8. North elevation of Building 300 and circulation canopy, view to east-southeast



Photograph 9. Circulation canopy connecting to eave of Building 300 (left) and breezeway of Building 200 in the distance, view to south from the Physical Education Building



Photograph 10. East and North Elevations of Physical Education Building, view to southwest



Photograph 11. West elevation of Physical Education Building (rear right), north elevation of Building 400



Photograph 12. South elevation of Building 400, view to east-northeast



Photograph 13. South and east elevations of Cafeteria behind circulation canopy, southwest corner of Building 200 (right), view to west-northwest



Photograph 14. East elevation of Cafeteria and non-original lunch shelter, view to southwest



Photograph 15. West elevations of Cafeteria (center and left) and Building 5 (right), view to northeast



Photograph 16. East elevation of Building 500, view to northwest



Photograph 17. Breezeway between Auditorium (left) and Building 500 (right), view to west



Photograph 18. Open lunch area and Administration Building, view to east-southeast



Photograph 19. Southern three of nine portable classrooms north of Cafeteria, view to northwest



Photograph 20. Portable classrooms east of portables in Photograph 18 and south of Building 400, view to northwest



Photograph 21. Concrete stairs and disability ramp east of Building 200



Photograph 22. Portable classrooms east of concrete stairs and disability ramp

O'Farrell Charter School Evaluation

O'Farrell Charter School does not appear to meet the criteria for listing on the California Register of Historical Resources (CRHR) due to insufficient historic significance. The period of potential significance is 1960, the year the school was built.

Originally planned and developed as Mabel E. O'Farrell Junior High School, the school was designed by the firm Frank L. Hope and Associates, Architects in 1958 (Frank L. Hope and Associates 1958). All of the school's permanent mid-century modern buildings were completed by 1960. By 1964, nine of the portable classrooms currently at the campus had been sited north of the Cafeteria (historicaerials.com 1964; SDUSD 2007). Apart from these early portables, other portables have been replaced with newer models or added to the school property in the area north of the Cafeteria and west of Building 400, the area north of Building 200 and south of Building 400, and the area west of Buildings 100 and 200. Around 2002, new construction at the campus included concrete walks and landscaping north of the western two-thirds of Building 200, a concrete stairway and ramp to provide access to portable classrooms east of Buildings 100 and 200, and a major shed-roof library addition to the west end of Building 200's south elevation. The food service counter at the south elevation of the Cafeteria and the lunch shelter on the east side of the Cafeteria were also developed at this time (historicaerials.com 1989, 2003; Edward J. Cass and Associates 2002). A playground and concrete walkways south of Building 400, and planters comprised of rusticated solid concrete blocks and mortar in the open lunch area west of the Administration Building and in the area north of Building 100, appear to have been built in more recent years.

O'Farrell Charter School was built during the post-World War II boom of population growth in the San Diego area, which resulted in extensive development of new suburban neighborhoods and new public schools to serve the region's growing population of children (see Attachment 1). Residential neighborhoods, school complexes, and other infrastructure constructed to encourage or accommodate growth are not historically significant by virtue of their association with growth. Most built environments are products of planning for population growth or accommodating population growth. Association with growth is entirely commonplace, and were it a qualification for historical significance all buildings, complexes, and infrastructure surviving from an era of growth would be considered historical resources. Obviously, however, not all built resources developed during a given era are historically significant. The school does not appear to be associated with discrete events of historical significance to San Diego, the State of California, or the United States. Hence it does not appear to meet Criterion 1 for listing in the CRHR.

Although the school is associated with an important San Diego architectural firm, such associations are properly assessed with reference to Criterion 3 of the CRHR, which is discussed in greater detail below. The school does not appear to have associations with other individuals important to the history of San Diego, the State of California, or the United States. It does not, therefore, appear to be eligible for the CRHR under Criterion 2. Criterion 4 relates primarily to archaeological data and would not normally factor into an evaluation of an above-ground resource like O'Farrell Charter School, unless, of course, archaeological sites had been previously recorded within the school limits. That is not the case in this situation.

The O'Farrell Charter School buildings constructed in 1960 were designed by the architectural firm of Frank L. Hope and Associates. Two San Diego master architects with the Hope surname were associated with this firm, Frank L. Hope Sr., and Frank L. Hope Jr. Born in San Bernardino in 1901, Hope Sr. attended the University of California, Berkeley, Pittsburgh's Carnegie Institute of Technology, and San Diego State University. In 1925 he worked for Requa and Jackson, Architects. In 1928 he started his own firm, Frank L. Hope and Associates. In 1930 Hope Sr. designed Normal Heights' Carmelite Monastery in the Spanish Colonial Revival style. He continued to produce a number of buildings and complexes for the Catholic Church over the next several decades. As modernism swept the field in the mid twentieth century, Hope and his firm created Contemporary Style homes and commercial buildings, and designed larger modernist public and commercial buildings and complexes, including public schools. Born in 1931, Hope Sr.'s son, Frank L. Hope Jr., eventually became an architect and joined his father's firm. After Hope Sr. retired in 1965, Hope Jr. became head of the firm. Under Hope Jr., the firm designed multiple residential projects and several San Diego area landmarks, including San Diego Stadium (now Qualcomm Stadium), the Timken Museum, the May Company building in Mission Valley, and several buildings on the UCSD campus (City of San Diego 2007:79, 92; Feeley et al. 2011:16; Modern San Diego n.d.).

O'Farrell Charter School's original landscape elements may have been designed by Jane Minshall. Minshall earned her degree in landscape architecture at the University of California, Berkeley, in 1941. In 1947, SDUSD hired her as a landscape architect, and she remained the District's sole landscape architect for many years. Minshall retired from the District in the mid-1970s. During the post-World War II decades of Minshall's SDUSD service, landscape design—the placement of lawns, trees, and shrub clusters, and the design and placement of circulation features, planter boxes, benches, and other features—became an increasingly important component of school planning and modernist school architecture. During this period, school planners and architects sought to foster indoor-outdoor experience, which expanded the outdoor spaces of school campuses and made them integral to overall school design (Minshall 1974; *San Diego Tribune* 1954; SDUSD 1967).

Despite the association between O'Farrell's 1960s buildings and Frank L. Hope and Associates, and despite the potential association between O'Farrell's original landscape design and Jane Minshall, the school complex does not appear to be eligible for the CRHR under Criterion 3. Although much of the O'Farrell campus is representative of modernist public school design, despite some diminished historic integrity, it does not appear to constitute a Frank L. Hope and Associates masterwork. The most architecturally compelling building on the campus, the Auditorium, registers the shift from the International style—the most prevalent architectural style exhibited by larger mid-century San Diego public school buildings—to the more angular roof shapes and complex massing associated with the Contemporary, Post-and-Beam, and Googie styles. The building does not, however, appear to reach the threshold of significance necessary to justify individual listing on the CRHR under Criterion 3, nor does it give the school as a whole the architectural significance necessary to justify listing on the CRHR under Criterion 3 as a historic school complex or historic district. The other 1960 buildings on the campus are commonplace examples of mid-century modern school architecture. They do not possess high artistic value and do not embody distinctive characteristics of a type, period, or method of construction. O'Farrell's landscape elements are also commonplace with respect to San Diego Public schools developed during the 1950s and 60s, and do not confer historic significance on the campus.

O'Farrell Charter School Cultural Resources Records Search

To set the stage for the records search that follows this small introduction is provided. O'Farrell Charter School is located in a part of the City of San Diego that was once occupied by the Kumeyaay, AKA, Diegueños, Ipai, and Tipai (Luomala 1978). Prior to their migration into San Diego County, roughly 1,500 years ago, archaeologists have divided the prehistory of the County into artifactual units because no one knows what the people called themselves. Near O'Farrell, there could have been manifestations of Early Archaic peoples, c. 9,000 to 7,000 years B.P. This culture is also known as the San Dieguito Complex in the County (Warren et al. 1998). They were in turn followed by Middle Archaic cultures, variously called the La Jollan (coastal) or Pauma (interior North County), who lived in this area from roughly 7,000 to 1,500 years B.P. (Warren 1964). The Late Archaic peoples or Kumeyaay, are believed to have originated in the east and moved west as the interior areas continued to become more arid. The Kumeyaay themselves were displaced into the foothills after the arrival of the Spanish, who came in force in A.D. 1769, when they founded Mission San Diego de Alcalá (Pourade 1960). After Mexican independence, the Missions were secularized in 1834, and those Kumeyaay living there were forced to move into interior areas or take menial jobs in Old Town San Diego (Carrico 2008). O'Farrell itself was built on lands that once belonged to the Mission and used for cattle grazing. After Mexico lost its war with the United States, the lands now comprising San Diego County came under American jurisdiction in 1848. Following the discovery of gold at Sutter's Fort in 1849, peoples of all nationalities flooded into California. California officially became part of the United States in 1851 (Bancroft 1888). San Diego has seen its boom and bust years, but after World War II, a steady influx of settlers has pushed the City's population to eighth largest in the nation http://en.wikipedia.org/wiki/Largest_cities_in_the_United_States_by_population_by_decade#2010.

To meet the "due diligence requirements" of CEQA, ICF conducted a cultural resources records search to determine if any cultural resources had been previously recorded within the O'Farrell Charter School campus. The records search of the school property also included a one-quarter mile radius around the school. The South Coastal Information Center (SCIC), which is the local repository acting on behalf of the State Office of Historic Preservation's California Historical Resources Information System (CHRIS), performed the records search. The SCIC reviewed their digitized records to:

- Identify previously recorded archaeological sites or historic buildings within the record search limits
- Identify any previously conducted cultural resource studies
- Provide some historical maps of the area, and
- Provide copies of any relevant site record forms

The results of the records search were received on December 18, 2012. It indicated that no cultural resources of any kind had been previously recorded within or adjacent to O'Farrell Charter School. This can be explained by the dearth of anthropologists, archaeologists, or ethnographers working in the San Diego region during the early Twentieth Century. Those that were here were more interested in capturing information from living Native Americans before their cultural heritage

disappeared forever (Barrows 1900; Curtis 1907; DuBois 1901; Harrington 1908; Kroeber 1907; Sparkman 1908; Waterman 1910).

Even by the mid-twentieth century, few archaeologists were exploring the inland areas of San Diego County, other than Malcolm Rogers of the San Diego Museum of Man (Rogers 1939, 1945). Delbert True was exploring northern San Diego County beginning in the 1950s (True 1954, 1957, 1958), and research in the deserts caught the attention of not only Rogers (1966), but also Adan Treganza (1942, 1945), Harold Colton (1945), Frederick Hodge (1949), Benjamin McCown (1954), Michael Harner (1958), and Clement Meighan (1959). Throughout most of this period, however, most Southern California archaeologists were far more interested in the more complex hunter-gatherer societies of the coast and the Channel Islands.

Archaeological work in the area of O'Farrell Charter School would not have begun until after the passage of laws requiring developers and agencies to examine how their projects might be affecting the environment. Impacts caused by freeway construction in the 1960s led to significant work regarding the coastal cultures of San Diego County (e.g., Garfinkel 1982). By 1969 and 1970, the National Environmental Policy Act (NEPA) and the California Environmental Quality Act (CEQA) had been enacted. By 1972 archaeologists were working almost everywhere in the County where projects were being proposed. It is not surprising that archaeological sites had not been recorded for the area around O'Farrell Charter School, even though the land was still relatively undeveloped in the 1950s. That changed quickly during the 1960s and into the 1970s, as development boomed along with San Diego's population. Since O'Farrell dates to 1960, it was a full decade or more removed from the era of compliance-oriented archaeology.

While it is unlikely that the proposed work at O'Farrell Charter School would extend deep enough to affect buried archaeological or paleontological remains, nevertheless this needed to be documented. Additional archival research was conducted using historic maps, aerial images, soil survey records, and geologic maps to discern the development history in and around O'Farrell. The purpose of this research was to determine if buried cultural resources could exist within the school campus limits.

Soil survey maps indicate the underlying soils to be classified as DcD or "Diablo Urban Land Complex" (Bowman 1973:43). As described by Bowman (1973:44), this soil occurs on uplands in areas from 100 to 600 feet in elevation (O'Farrell is at 300'), where the landscape has been altered through cut and fill operations and leveled for building sites. In cuts, materials like sandstone and shale are visible, which are sedimentary rock units likely to contain fossils. These rocks, classified as Tmv or "Mission Valley Formation," date from the early to middle Eocene, roughly 40-46 million years ago. These deposits are known to contain a diverse array of mammalian and molluscan fauna (Kennedy and Tan 2005). The City of San Diego's general plan EIR has this to say about the Mission Valley Formation:

> This formation is the only Eocene rock unit in southern California to have a radiometric date directly associated with fossil mammal localities. The marine strata of the Mission Valley Formation have produced abundant and generally well-preserved remains of marine microfossils, macro-invertebrates, and vertebrates. Fluvial strata of the formation have produced well-preserved examples of petrified wood and fairly large and diverse assemblages of fossil land mammals. The fact that marine microfossils and land mammals occurred at the same time is extremely important, as it

> allows for the direct correlation of terrestrial and marine faunal time scales…The Mission Valley Formation represents one of the few instances in North America where such comparisons are possible, and they are assigned high paleontological resource sensitivity. [City of San Diego 2007]

Whether paleontological monitoring during subsurface excavations should be conducted at O'Farrell Charter School depends on how deep construction impacts might occur, i.e., whether any proposed project activities involve excavation into previously undisturbed deposits. This means that the soils directly under O'Farrell, if not already highly disturbed through cutting and filling, are likely to be tens of millions of years old and could not possibly contain prehistoric archaeological remains. The oldest Native American archaeological remains in the county are generally believed to be no more than 8,000 to 10,000 years old (Warren 1967, 1968; Warren et al. 1998).

Historical archaeological remains are another matter. During historic periods before there were garbage services and indoor plumbing, people would bury some of their garbage on their property. They used trash pits and privies to depose of garbage. Privies would be kept open until the property owners planned to move away. Quite often, any possessions no longer desired would be dumped into a privy. The area surrounding O'Farrell Charter School, however, is not particularly noteworthy for its developmental history. People were living is this area as early as 1900 because as many as 12 buildings are shown on the 1904 *San Diego* 15' topographic quadrangle within 20 to 1300 feet of school property. By 1944, when the next USGS quadrangle, *National City* 7.5', becomes available, there are 14 buildings located near the school, and one within school property at its southwest corner. This building was still there in 1953, as shown on the earliest available aerial photograph (accessed at www.historicaerials.com), as is a second one near the northwest corner. Both are gone by the time of the 1955 edition of the USGS *National City* 7.5' quadrangle. A 1963 edition of the same quadrangle also shows the buildings gone, but it does not show the school because the map had been surveyed prior to the O'Farrell's construction. By 1964, the next available aerial photograph, the school has been built, but the surrounding area is still relatively devoid of housing. Only one housing tract has been built, this one immediately to the south of the school. Some of the oldest buildings shown on the 1904 topographic map can still be seen in the area.

Old maps and aerials reveal that a couple of buildings just east of the school date to 1945 and 1948, while a couple just west date to 1949 and 1952, according to Google Earth Pro parcel data, confirmed at www.zillow.com, and by the 1953 edition of the *National City* USGS 7.5' quadrangle. Even today, in an area where homes are packed in very tightly, some remaining larger lots may be remnants of the homesteaders who settled in this area around 1900.

Three questions need to be asked:

(1) What are the chances of finding archaeological remains within the school property that date to c. 1900?

(2) What are the chances of finding archaeological remains within the school property that date to c. 1950?

(3) In addition, if remains were found, would they have archaeological value?

Answering these questions:

(1) It is extremely unlikely that c. 1900 archaeological remains would occur on school property. While there is scant data available to rule this out entirely, evidence strongly suggests this part of San Diego was always very sparsely populated until after World War II. The first housing tract did not go in until 1962. The school was built in possible anticipation of the burgeoning population moving to San Diego after the Second World War.

(2) The earliest aerial, 1953, shows two buildings on the property. One may date back to a structure shown on the 1944 topo, but both are gone by 1964. There are no earlier aerials than 1953, but the 1944 USGS probably shows the same building in the southwest corner of the property. This building does not appear on the 1930 revised version of the 1904. A more detailed analysis also determined that the building in the northwest corner was actually built outside school property, where today three houses stand. The three houses appear to be on the exact same lot that held the one structure in 1953. The southwest structure is in an area now occupied by the auditorium. No doubt the foundation work for this building would have destroyed any possible archaeological remains that might have existed there. Since plans do not call for the replacement of the auditorium, this area of campus would not be affected by the Proposition S projects.

(3) Archaeological data pertaining to c. 1900 could be very important for research purposes as long as it were found at the site where it was used and discarded, i.e., where it could be directly associated with the people who lived at this location. The existing literature is limited with respect to this time-period, so any new information has the potential to address the everyday lives of common folk. It is much harder to make a case for the research potential of mid-twentieth century archaeological remains. By 1950, the everyday habits of Americans are widely known, publicized, and described in the literature of the day, from newspapers to magazines. Even so, the two most likely spots for 1950s remains would be under three homes outside the school limits and another under the existing auditorium.

Record Search Conclusions

Based on the above findings, the following conclusions reflect the potential for archaeological or paleontological remains to be exposed during project construction at O'Farrell Charter School:

- Prehistoric Archaeology: Unlikely, monitoring during construction is not recommended.
- Historical Archaeology: Unlikely, monitoring during construction is not recommended.
- Paleontology: Quite possible, depending upon the depth of proposed construction excavation on school property. Monitoring is recommended if construction would affect previously undisturbed deposits, as the paleontological deposits are highly sensitive and scientifically important.

Conclusions

O'Farrell Charter School does not appear to meet the Criteria for listing on the CRHR. The school was evaluated in accordance with Section 15064.5(a) (2)-(3) of the CEQA Guidelines, using the criteria outlined in Section 5024.1 of the Public Resources Code, and determined not to be a historical resource for the purposes of CEQA.

It is not possible to rule out paleontological construction monitoring based on the record research results. If construction on campus extends into previously undisturbed deposits, then paleontological monitoring is recommended.

References Cited

Bancroft, Hubert Howe
1888 *The Works of Hubert Howe Bancroft,* vol. XXIII*, The History of California,* Vol. VI. The History Company, San Francisco.

Barrows, David Prescott
1900 *The Ethno-Botany of the Coahuilla Indians of Southern California*. University of Chicago Press, Chicago.

Bowman, Roy H.
1973 *Soil Survey, San Diego Area, California*. U.S. Department of Agriculture, Soil Conservation Service, Beltsville, Maryland.

Carrico, Richard L.
2008 *Strangers in a Stolen Land: Indians of San Diego County from Prehistory to the New Deal*. Sunbelt Publications, San Diego.

Cass, Edward J., and Associates
2002 O'Farrell Charter School Site Plan, Sheet 110, September 4, 2002. On file at the Architectural Archives of the SDUSD Maintenance and Operations Center. San Diego.

City of San Diego
2007 Paleontological Resources. Section 3.11 in *City of San Diego Draft General Plan, Preliminary Final Environmental Impact Report*, pages 3.11-1 to 3.11-13. San Diego.

Colton, Harold S.
1945 The Patayan Problem in the Colorado River Valley. *Southwestern Journal of Anthropology* 1:114-121.

Curtis, Edward S.
1907-1930 *The North American Indian: Being a Series of Volumes Picturing and Describing the Indians of the United States and Alaska* (20 vols.). Frederick W. Hodge, editor. Plimpton Press, Norwood, Massachusetts.

DuBois, Constance Goddard
1901 The Mythology of the Diegueños. *Journal of American Folklore* 14:181-185.

Freeley, Jennifer, Tricia Olsen, Ricki Siegel, Ginger Weatherford, and Historic Resources Board Staff
2011 Biographies of Established Masters. San Diego Historic Resources Board. Available: http://www.sandiego.gov/planning/programs/historical/pdf/201109biographies.pdf. Accessed July 15, 2012.

Garfinkel, Alan P.
1982 *A Historical Perspective on the Value of the California Department of Transportation Archaeology Program*. California Department of Transportation, Sacramento.

Harner, Michael J.
1958 Lowland Patayan Phases in the Lower Colorado River Valley and Colorado Desert. *University of California Archaeological Survey Reports* 42:93-97. Berkeley.

Harrington, John P.
1908 A Yuma Account of Origins. *Journal of American Folklore* 21:324-348.

Historic Aerials
1953, 1964, 1968, 1971, 1980, 1989, 2003, 2005. Available: www.historic.aerials.com. Accessed December 12, 2012.

Hodge, Frederick W.
1949 Fish-traps in Lower California. *The Masterkey* 23(3).

Hope, Frank L., and Associates
1958 Building and Room Identification - Site Plan, Mabel E. O'Farrell Junior High School, Sheet X-2, November 6, 1958. On file at the Architectural Archives of the SDUSD Maintenance and Operations Center. San Diego.

Kennedy, Michael P., and Siang S. Tan
2005 *Geologic Map of the San Diego 30' x 60' Quadrangle, California*. California Department of Conservation, Sacramento, and United States Geological Survey.

Kroeber, Alfred L.
1907 Shoshonean Dialects of California. *University of California Publications in American Archaeology and Ethnology* 4(3):65-166. Berkeley.

Luomala, Katherine
1978 Tipai and Ipai. In *California*, edited by Robert F. Heizer, pp. 592-609. Handbook of North American Indians, vol. 8, William C. Sturtevant, general editor, Robert F. Heizer, volume editor. Smithsonian Institution, Washington, D.C.

McCown, Benjamin E.
1954 Archaeological Survey of (Salton Sea) Beach Line. *Archaeological Survey Association of Southern California Newsletter* 1(3):10-11.

Meighan, Clement W.
1959 Archaeological Resources of Borrego State Park. *Archaeological Survey Annual Report 1958-1959*, pp. 25-40. University of California, Los Angeles.

Minshall, Jane
1974 Report on Land & Facilities Planning, SDUSD Business Services Division, September 24, 1974, Bio Folder 156: Mil-Moe. San Diego History Center, San Diego.

Modern San Diego Real Estate
n.d. Modern San Diego Real Estate Website – Architects - Frank L. Hope Sr. Available: http://www.modernsandiego.com/. Accessed November 19, 2012.

Pourade, Richard F.
1960 *The History of San Diego*, vol. 1, *Time of the Bells*. Union-Tribune Publishing Company, San Diego.

Rogers, Malcolm J.
1939 Early Lithic Industries of the Lower Basin of the Colorado River and Adjacent Desert Areas. *San Diego Museum Papers* 3.

1945 An Outline of Yuman Prehistory. *Southwestern Journal of Anthropology* 1:167-198.

1966 The Ancient Hunters-Who Were They? IN: *Ancient Hunters of the Far West*, edited by R.F. Pourade, pp. 21-108. Copley Press, La Jolla.

San Diego Tribune
1954 "San Diego Schools Landscaping Begins on Woman's Drafting Board." *San Diego Tribune*, November 30, 1954, news clip from Bio Folder 156: Mil-Moe. San Diego History Center, San Diego.

San Diego Unified School District (SDUSD)
1967 Personnel Biographical Information, Jane Minshall, April 14, 1967, Bio Folder 156: Mil-Moe. San Diego History Center, San Diego.

2007 O'Farrell Charter School Small Scale Plot Plan. June 7, 2007. On file at the Architectural Archives of the SDUSD Maintenance and Operations Center. San Diego.

Sparkman, Philip S.
1908 The Culture of the Luiseño Indians. *University of California Publications in American Archaeology and Ethnology* 8:187-234. Berkeley.

Treganza, Adan E.
1942 An Archaeological Reconnaissance of Northeastern Baja California and Southeastern California. *American Antiquity* 8:152-163.

1945 The "Ancient Stone Fish Traps" of the Coachella Valley, Southern California. *American Antiquity* 10:285-294.

True, Delbert L.
1954 Pictographs of the San Luis Rey Basin, California. *American Antiquity* 19(1):68-72.

1957 Fired Clay Figurines from San Diego County, California. *American Antiquity* 22:291-296.

1958 An Early Complex in San Diego County, California. *American Antiquity* 23:255-263.

United States Geologic Survey (USGS)
Var. *San Diego*, *California*, 15' edition of 1904; *National City, California*, 7.5' editions of 1944, 1953, 1967, 1996, 2012.

Warren, Claude N.
1964 *Cultural Change and Continuity on the San Diego Coast*. Ph.D. dissertation, Department of Anthropology, University of California, Los Angeles.

1967 The San Dieguito Complex: A Review and Hypothesis. *American Antiquity* 32:168-186.

1968 Cultural Tradition and Ecological Adaptation on the Southern California Coast. IN: *Archaic Prehistory in the Western United States*, edited by C. Irwin-Williams, pp. 1-14. Eastern New Mexico Contributions in Anthropology 1(3). Portalles.

Warren, Claude N., Gretchen Siegler, and Frank Dittmer
1998 Paleoindian and Early Archaic Periods. IN: *Prehistoric and Historic Archaeology of Metropolitan San Diego: A Historic Properties Background Study*. ASM Affiliates, Carlsbad, California.

Waterman, Thomas T.
1910 The Religious Practices of the Diegueño Indians. *University of California Publications in American Archaeology and Ethnology* 8:271-358. Berkeley.

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Attachment 1

Historic Context:

Modern San Diego Public School Development

By Timothy Yates, Ph.D.

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Historic Context: Modern San Diego Public School Development

By Timothy Yates, Ph.D.

Loss of Pre-1933 San Diego Public School Buildings

Due largely to the 1933 Field Act (or Field Bill), which the California State Legislature passed in the aftermath of the Long Beach Earthquake of that year, none of the larger San Diego public school buildings constructed prior to 1933 continue to stand today. These included numerous two-to-three story, rectangular, L-, or U-shaped buildings designed in nineteenth-century Victorian styles or in the early-twentieth-century Neo-Classical, Mission Revival, and Spanish Colonial Revival styles (Kistner 1915; Sanborn Map Company 1906, 1921, 1926, 1940 [Volume 1, Sht. 299I], 1940 [Volume 2, Sht. 411]; Smythe 1908). The 1933 Long Beach Earthquake destroyed 70 schools and caused 40 masonry buildings to be condemned in the greater Los Angeles area. Inspectors found that across the Los Angeles region, more recently constructed fireproof buildings with steel or reinforced concrete beams in floors and roofs withstood the earthquake much better than older masonry buildings. Passed in response to the post-earthquake inspections, the Field Act empowered the State Division of Architecture to institute new regulations and codes mandating earthquake resistant buildings. Six years later, the Garrison Act created new criteria for continued use of school buildings constructed prior to 1933 (Heumann and Doehne 2002a:8-9; Department of General Services 2012). It appears that during the 1950s and 60s, multiple San Diego public school buildings constructed in the early-twentieth-century were declared seismically unsafe and replaced under the Field Act and subsequent supplementary legislation. In the wake of the 1971 San Fernando Earthquake, the state provided new funding for retrofitting or replacing pre-1933 buildings. During the mid-1970s, pre-1933 Mission Revival and Spanish Colonial Revival buildings at La Jolla, Point Loma, and Hoover High Schools—all important examples of these architectural styles in major civic buildings—succumbed to the wrecking ball (Dalberg ca. 1975; *San Diego Union* 1973). The demand for seismic safety had a major impact on the San Diego built environment as a whole and on individual school sites across the city, many of which would come to be dominated by buildings developed in the post-World War II period.

The Great Depression and World War II

Following the stock market crash of 1929, the onset of the Great Depression initiated a new period of financial hard times for San Diego schools. As unemployment rates skyrocketed and the local tax base dwindled, school officials increased class sizes and reduced teacher salaries. San Diego public schools and the city at large benefited from federal public-works expenditures under programs created by the Roosevelt administration's New Deal. The Works Progress Administration (WPA) sponsored murals by local artists at public schools and funded a major curriculum development initiative in San Diego. Although the WPA built a complex at today's San Diego State University, the San Diego public school system appears to have received no new complexes and a relatively small number of individual buildings or athletic facilities under the WPA and the Public Works Administration (PWA). This contrasted with the Los Angeles area, where large sums of federal money were spent to rebuild schools in the wake of the 1933 Long Beach Earthquake. However,

during the early 1940s, a limited number of school complexes shaped by emerging architectural modernism were constructed in the San Diego area (City of San Diego 2007:29-30; Gelernter 1999:246-248; Leighninger 1996; McElvaine 1984:152-153, 255, 265-75; Mehren 1972a; Mehren 1972b, SDUSD 1954:10).

The modernist International style made its first appearance in southern California school architecture during the 1930s. Associated with the Bauhaus School of modernist design, Architects Richard Neutra and Rudolf Schindler first introduced the International style to the west coast after emigrating from Europe. These and other practitioners of the style dispensed with ornament and architectural historicism and instead sought to create building forms that expressed their functions through "rational, clean, uncluttered" design. Institutional buildings in the International style were sometimes box-shaped and sometimes incorporated varied massing and asymmetrical facades. Such buildings also typically featured flat roofs, smooth wall surfaces of concrete, brick, stucco, or steel, square corners, and expansive horizontal bands of steel-frame fixed or sash windows. In the Los Angeles area, Richard Neutra employed the style in his design of the Corona Avenue School, built in 1935. The U-plan school featured large L-shaped classrooms with sliding full-length glass doors that opened to a courtyard, serving both to maximize natural light and facilitate an indoor-outdoor curriculum. Neutra's Corona Avenue School would prove highly influential over subsequent decades (City of San Diego 2007:24 [quoted], 59; Heumann and Doehne 2002b; Ogata 2008:564).

In San Diego, the International style only faintly influenced the architecture of public schools developed prior to the end of World War II. The pre-war architecture of San Diego Public schools was mainly shaped by the Streamline Moderne and PWA Moderne styles. Departing from the geometrically ornate surfaces, vertical emphasis, and pre-modern historicism (or "primitivism") of Art Deco, Streamline Moderne engaged in a more populist version of the future-orientated aesthetics observable in International style buildings. As with the International style, architects working with the Streamline Moderne style dispensed with historical ornament and shifted toward a horizontal emphasis. Unlike the International style, however, Streamline Moderne evoked movement through visual reference to transportation technology such as airplanes, trains, and ships. Streamline Moderne architecture featured asymmetrical massing, flat roofs, smooth wall surfaces, curving corners, glass-block windows, steel-framed windows, horizontal molding, string courses at cornices. In contrast, PWA Moderne buildings—a number of which were constructed at Los Angeles schools during the late 1930s—typically retained stripped-down classicism or other restrained historical references. PWA Moderne school buildings often featured recessed centered entries framed by column- or quoin-evoking molding, sometimes with pediments, as well as regular patterns of rectangular window openings, fluted patterns borrowed from Art Deco, and sometimes curved corners borrowed from Streamline Moderne (City of San Diego 2007: 24, 27, 54-55; Gelernter 1999:249-50, 241-43; Heumann and Doehne 2002a:13; Heumann and Doehne 2002b).

San Diego retains a small number of public school buildings shaped by these architectural trends. One is the Kensington Neighborhood's Franklin School, built in 1940-41 and mainly exhibiting Streamline Moderne influence (*San Diego Union* 1940). Research for this report has yielded no evidence that this was a WPA or PWA project. The Franklin School incorporated curved walls, horizontal banding, and glass block windows in the Streamline Moderne style, as well as a chevron cornice band consistent with the PWA Moderne style's Art Deco influences. The school also featured

a horizontal pattern of stacked rectangular window banks that pointed toward the International style.

School complexes exhibiting elements of these architectural trends were also constructed in Linda Vista during the early 1940s. Designed and developed by the federal government, Linda Vista was a planned defense-worker Charter High of low-cost housing built with unprecedented mass-production efficiency atop the mesa north of western Mission Valley. The federal government constructed Linda Vista's schools during the years 1941-42, well after workers had occupied the residential units. In October 1941 the *San Diego Union* announced that architectural contracts had been awarded to master architect William Templeton Johnson for Linda Vista Elementary, the firm of Kistner & Curtis for Kearny Junior-Senior High School (today's Montgomery Middle School), and William Lodge for Carson Elementary School (*San Diego Union* 1941).

Linda Vista Elementary School consisted of a long irregular-plan main building along Ulrich Street north of Oster Street, and two rectangular buildings extending west from near the south end of the main building. Johnson styled the school's main entryway along Ulric Street north of the auditorium with features such as an open pediment above a central entryway arch with flanking columns, entablatures, and corner quoins. The school incorporated large banks of rectangular classroom windows similar to Franklin Elementary. Kearny Junior-Senior High School (Montgomery Middle School) consisted of two rectangular-plan two-story buildings sited parallel along Ulric Street and topped with low-pitch hip roofs. Apart from Moderne-influenced curved and horizontally scored walls at the centered and recessed main entry, the building fronting Ulric Street exhibited a decided lack of ornament reflecting the transition from Moderne styles to the International style.

Linda Vista's U-shaped Carson Elementary School is probably the most historically significant pre-World War II public school building still standing in San Diego. WPA-sponsored sculptural panels created by San Diego artist Donal Hord adorn the cut-out portion of the two-story building's upper northeast corner and a portion of exterior wall above the main entry to the classrooms west of the auditorium entry (San Diego History Center n.d.). At the northeast corner, the building also features a curved wall with glass blocks, and the auditorium entrance incorporates multiple door bays below clerestory windows divided by partitions with curving fluted ends. The building's interior is lit naturally along the north elevation west of the auditorium entry by large recessed rectangular window stacks. The building's main entry along Kramer Street registered none of the classicism associated with the PWA Moderne style. Apart from the imagery of the sculptural panels, Carson Elementary School's lack of architectural historicism pointed toward the modernism that would dominate San Diego public school architecture after World War II.

Post-World War II San Diego Public Schools

A San Diego population that stood at 203,341 in 1940, just prior to World War II, grew to 334,387 by 1950. Military expansion, growth of the defense industry, and the baby boom all contributed to this population growth. Bond issues of $6,866,000 in 1946, $11,806,000 in 1950, and $15,800,000 in 1953 helped fund both construction of new schools and improvements to existing ones. Still, throughout the 1940s and 50s, planning and construction of permanent facilities could not keep pace with the growing student population. As a result, the San Diego Unified School District (SDUSD) was the nation's first school district to design and build portable classrooms (City of San

Diego 2007:23, 30-32, 36; Scarr 1956). Most of the previously discussed schools were developed to serve first- and third-ring streetcar suburbs such as La Jolla, Point Loma, Kensington, City Heights, or to serve the planned defense-worker Charter High of Linda Vista. During the 1950s, the construction of new public school complexes took place mainly in new automobile suburbs located further out from the urban core—Pacific Beach, Bay Park, Clairemont, Serra Mesa, the College and Fairmont areas, and suburbs further east and south (City of San Diego 2007:36-41, and Residential Development Patterns Map).

The International style had the most immediate impact on the architecture of new public schools locally and across the country, but other strains of Mid-Century Modernism also influenced school architecture in San Diego. Compared to earlier large two-story school buildings, most school complexes developed in the new post-World War II suburbs would have dramatically different plans and spatial configurations, reflecting a new emphasis on the kind of indoor-outdoor experience that Neutra had fostered at the Corona Avenue School. Many post-war schools in San Diego and across the country were heavily influenced by the earlier example of Crow Island School, designed by Eliel and Eero Saarinen, Lawrence B. Perkins, E. Todd Wheeler, and Philip Will, Jr. in the International style. Located in Winnetka, Illinois, the school was completed in 1940. The Crow Island School plan consisted of a central common building and extensive wings with central corridors and projecting L-shaped classrooms with large windows and immediate access to courtyard spaces between classrooms (Baker 2012:11-12; Ogata 2008:566-67). Crow Island, like Neutra's Corona Avenue School, was informed by evolving principles of progressive education.

Emerging during the early twentieth century, progressive education underwent important changes following World War II that mirrored the mainstreaming of International style architecture. Informed by the pragmatic philosophy of John Dewey, progressive education had dispensed with rote memorization exercises in favor of a more child- or pupil-centered pedagogy geared to nurturing the student's process of organizing meaning through experience, problem solving, and critical thinking. Additionally, progressive reformers and educators had instituted new standards for enhancing building safety, ventilation, and natural lighting through larger windows, and had introduced physical education, vocational training, and the 6-3-3 division of elementary, junior, and senior high schools, which reflected the new notion that children and adolescents developed in distinct stages. Amid the left turn in American politics during the Great Depression and New Deal years of the 1930s, some progressive educators increasingly emphasized the need for education to promote critical assessment of social problems and to serve the goal of "social reconstruction." (Baker 2012:8-9; Bowers 1967; Bederman 1995:77-120; Hendrick 1974; Hyatt et al. 1914:8-13; SDUSD 1954:7; Zellie 2005:12, 14-15, 17-18, 21-22, 26-27).

Under pressure from critics, many Cold War educators put new emphasis on fundamentals and moved away from the pre-war emphasis on teaching for social reconstruction. Within the Cold War context, it became increasingly important for schools to ready an entire generation to beat the Soviet Union in the arms and space races. Education remained child- and pupil-centered, but the emphasis shifted to students' social adjustment and integration, and elementary schools in particular were thought of as socializing domestic extensions of the home. At the same time, the International style—which had first been developed and introduced to the United States by leftist European architects— and newer strains of architectural modernism became the architecture of

mainstream institutional authority. The architectural precedents and indoor-outdoor designs of Neutra's Corona Avenue School and the Crow Island School informed the adoption of indoor-outdoor school plans. Amid the changed political climate, many post-war educators and school planners continued to retain an older progressive faith in psychological and social environmentalism—the notion that a properly designed physical environment could shape educational experience for the better. As Charles Wesley Bursch, chief school planner for the California of Department of Education explained in 1947: "school architecture. . . must recognize [that] its forms, dimensions, color, materials, and texture are capable of creating an environment which either attracts or repels the child. . .The school plant designed for the child is unpretentious, open, colorful; spread out planning permits him to blow off steam and breath fresh air . . . the general environment is not forbidding and monumental but is informal and devoid of affectation as the child himself" (Brown 1988:70-78; Gelernter 1999:238, 263-264, Ogata 2008:564-567, 569 [quote]).

The quote captures the philosophical basis of suburban school planning in the post-World War II years. Like the Corona Avenue and Crow Island Schools, new suburban schools in San Diego and other parts of California would combine modernist architecture with campus plans that fostered indoor-outdoor experience. Completed in 1949, for example, architect John Lyon Reid's Montecito School in Martinez, California, consisted of parallel rows of classrooms and open corridors which, as architectural historian Amy F. Ogata explains, "maximized space and access to light." During the 1950s, new school sites in San Diego's expanding automobile suburbs provided opportunities for spatial organization along the lines of Reid's Montecito School. The earlier, monumental, multistory school building would gave way to spread-out campuses comprised of numerous low-rise office and classroom buildings with ample windows, and perhaps an auditorium and gymnasium built to greater heights. As Ogata explains, post-war school "architects across the country used poured-concrete slabs for low-rise structures, lightweight steel frames . . . and expanses of glass," which proved less expensive to build than pre-war schools. Circulation through new school facilities would take place mainly in open-air corridors covered by projecting eaves or canopies supported by steel piloti. Within a Cold War context of students performing "duck-and-cover" drills in preparation for potential nuclear attack, observers praised schools arranged in this manner as easier to evacuate than the older large multistory school buildings. Notable architects and architectural firms that designed post-war San Diego public schools in the modernist idiom included Lloyd Ruocco, Frank Hope and Associates, and Clyde Hufbauer (City of San Diego 200:92; Brown 1988; Ogata 2008:568-569; Pitman n.d.; Ruocco 1951).

Hufbauer appears to have designed more post-war San Diego schools than any other architect. After earning Master of Arts and Doctorate degrees in Architecture at the University of California, Berkeley, Hufbauer moved to San Diego and began his architecture career in the late 1930s. In 1939 Hufbauer made a mark with his first "ultra modern" home in Mission Beach, which was featured in with *San Diego Union*. He would later build a second modern home for his family in La Jolla that has been designated a San Diego Historical Landmark. In 1947 Hufbauer established his own firm and began working for the San Diego School District. Structural engineer Theodore Paulson worked with Hufbauer on many of the school projects. In addition to designing the SDUSD Board of Education-Eugene Brucker Education Center in University Heights—built in 1953 and arguably the most significant local example of the International style—Hufbauer's firm designed eight high

schools, 16 junior high schools, and 63 elementary schools. At schools such as Alice Birney Elementary and Mission Bay High School, both built in 1953, and others, Hufbauer created distinctly modernist classroom and office buildings with ample windows, smooth surfaces, and flat, shed, or more boldly V-shaped or butterfly roofs, some with broadly projecting eaves to shelter corridors not covered by piloti-supported canopies. His cafeterias combined these features with walls consisting almost entirely of windows. Although the bolder roof shapes of some of Hufbauer school buildings resonated with the Contemporary and Post-and-Beam styles, Hufbauer's auditorium designs remained closer to the International style in their cubic shapes and horizontal lines (City of San Diego 2007:58, 103; May n.d.; *San Diego Tribune* 1993).

In order to achieve the ideal of a psychologically appealing environment, the expanded outdoor spaces of post-war schools required careful attention to landscaping—the design and placement of lawns, trees, shrub clusters, and concrete walkways, planter boxes, benches. Landscape architect Jane Minshall made essential contributions to the built environments of post-war San Diego public schools. Minshall earned her degree in landscape architecture at the University of California, Berkeley, in 1941. In 1947 SDUSD hired her as its landscape architect, a position she held until her retirement in the mid-1970s. Working with Hufbauer and other architects, Minshall chose plants and trees based on their fit for the San Diego climate, water needs, and long-term growth patterns. According to Minshall, the task required her "to visualize how planting will look at all stages in its development and at all seasons. So many factors are involved in plant selection that development of a planting plan is much like trying to solve a jigsaw puzzle." "In the preliminary stages," Minshall told a *San Diego Tribune* reporter in 1954, "I work with the building architect and show him where I'd like planting. I also decide where the paving and the playground should go." Elsewhere, Minshall also explained that the landscape planning process entailed careful "study of anticipated student circulation or traffic flow." Declaring her "philosophy" in 1974, Minshall argued that the "most important justification for landscaping our schools . . . is the effect that an attractive, comfortable environment has on the emotional well-being of students and staff . . . children accustomed to a pleasant environment at school, will as adults take greater pride in their homes and Charter High" (Minshall 1974:1, 4 [quoted]; *San Diego Tribune* 1954; SDUSD 1967).

References

Baker, Lindsay
2012 A History of School Design and its Indoor Environmental Standards, 1900 to Today. January 2012. National Clearing House for Educational Facilities, National Institute of Building Sciences. Available: http://www.ncef.org/pubs/greenschoolshistory.pdf. Accessed October 30, 2012.

Bederman, Gail
1995 *Manliness and Civilization: A Cultural History of Gender and Race in the United States, 1880-1917*. University of Chicago Press. Chicago, Illinois.

Bowers, C.A.
1967 "The Ideologies of Progressive Education." *History of Education Quarterly*. 7 (Winter 1967): 452-473.

Brown, Joanne
1988 "'A is for Atom, B is for Bomb: Civil Defense in American Public Education, 1947-1963," *Journal of American History*, 75 (June, 1988): 68-90.

City of San Diego
2007 San Diego Modernism Historic Context Statement. Prepared by the City of San Diego Historical Resources Board, City of San Diego Planning and Charter High Investment Department, and Heritage Architecture and Planning, for submission to the State of California, Office of Historic Preservation, San Diego, California, available: http://ohp.parks.ca.gov/pages/1054/files/san%20diego%20modenism%20context.pdf. Accessed June, 2012.

Dalberg, Pat
ca. 1975 "La Jolla High Homecoming Last for Old Buildings." News Clip from Unspecified Newspaper, Box 87—Schools—G-L, San Diego History Center.

Department of General Services, State of California
2012 Department of General Services Webpage—Student Safety—Section 7—Design to Maximize Student Safety—The Field Act, available: http://www.excellence.dgs.ca.gov/StudentSafety/S7_7-1.htm., accessed July 20, 2012

Gelernter, Mark
1999 *A History of American Architecture: Buildings in their Cultural and Technological Context.* University Press of New England. Lebanon, New Hampshire.

Hendrick, Irving J.
1974 "California's Response to the 'New Education' in the 1930s." *California Historical Quarterly.* 53 (Spring, 1974): 25-40.

Heumann, Leslie, and Anne Doehne
2002a Historic Context Statement: Los Angeles Unified School District, Prepared by Science Applications International Corporation for Los Angeles Unified School District, March, 2002. Available: www.laschools.org/historic-survey/historic-context.pdf. Accessed June, 2012.

2002b Historic Schools of the Los Angeles Unified School District. March 2002. Prepared by Science Applications International Corporation for the J. Paul Getty Trust and the Los Angeles Unified School District by Science. Available: http://www.laschools.org/employee/design/fs-studies-and-reports/download/LAUSD_Presentation_March_2002.pdf?version_id=1895945. Accessed July 15, 2012.

Hyatt, Edward, Lewis P. Hobart, Chas. S. Kaiser, John W. Woollett, J.J. Donovan, and C.H. Cheney
1914 *School Architecture in California*. Superintendent of Public Instruction and California State Printing Office. Sacramento, California.

Kistner, Theodore C.
1915 "Seven Schools Built in Year." *San Diego Union*, January 1, 1915. News Clip from Box 88—Schools—Miscellaneous No. 2, San Diego History Center.

Leighninger, Jr., Robert D.
1996 "Cultural Infrastructure: The Legacy of New Deal Public Space." *Journal of Architectural Education*, 49 (May, 1996): 226-36.

May, Vonn Marie
n.d. "Clyde Hufbauer, 1911-1993." Modern San Diego Real Estate Website— Architects— Clyde Hufbauer. Available: http://www.modernsandiego.com/. Accessed August 8, 2012.

McElvaine, Robert S.
1984 *The Great Depression: America,1929-1941*. Times Books. New York.

Mehren, Peter.
1972 "San Diego Schools Curriculum Project of the WPA." *Journal of San Diego History*. 18 (Spring, 1972). Available: http://www.sandiegohistory.org/journal/72spring/schools.htm. Accessed November 8, 2012.

Mehren, Peter.
1972 "The WPA Federal Arts Project in San Diego." Ph.D. Dissertation. Department of History. University of California, Davis.

Minshall, Jane
1974 Report on Land & Facilities Planning, SDUSD Business Services Division. September 24, 1974. Bio Folder 156: Mil-Moe, San Diego History Center.

Ogata, Amy F.
2008 "Building for Learning in Postwar American Elementary Schools." *Journal of the Society of Architectural Historians*. 67 (December, 2008): 562-91.

Pitman, Todd
n.d. "Lloyd Pietrantonio Ruocco, 1907-1981." Modern San Diego Real Estate Website—Architects—Lloyd Pietrantonio Ruocco. Available: http://www.modernsandiego.com/LloydRuocco.html. Accessed August, 2012.

Ruocco, Lloyd
1951 Kindergarten Addition Hamilton School, Elevations—Sections. Sheet 3 of 15. August 24, 1951. On file at the Architectural Archives of the SDUSD Maintenance and Operations Center. San Diego, California.

San Diego History Center
n.d. Donal Hord Self-Guided Tour, available: http://www.sandiegohistory.org/hord/hordtour.htm. Accessed November 8, 2012.

San Diego Unified School District (SDUSD)
1954 100 Years of Public Education in San Diego, July 1, 1854 to June 30, 1954: San Diego City Schools Report to the Charter High, 1954, available: http://www.sandi.net/page/25, accessed July 20, 2012.

1967 Personnel Biographical Information. Jane Minshall. April 14, 1967. Bio Folder 156: Mil-Moe, San Diego History Center.

San Diego Union

1973 "Three Schools Here Must Be Demolished: Hoover, Point Loma, Roosevelt Face Replacement, in 1975-76." *San Diego Union*, July 4, 1973. News Clip from Box 88—Schools—Miscellaneous No. 2, San Diego History Center.

1940 "New Buildings are Under Way at Franklin." *San Diego Union*, October 20, 1940. News Clip from Box 87—Schools—A-F, San Diego History Center.

1941 "Architect Fees Set for Defense Project Schools." *San Diego Union*, October 21, 1941: 3.

San Diego Tribune

1954 "San Diego Schools Landscaping Begins on Woman's Drafting Board." *San Diego Tribune*, November 30, 1954. News Clip from Bio Folder 156: Mil-Moe, San Diego History Center.

1993 "Clyde Hufbauer, 82: designed many San Diego area schools," *San Diego Tribune*, December 25, 1993. News Clip from Bio Folder 115: Hos-Hum, San Diego History Center.

Sanborn Map Company

1906 Sanborn Fire Insurance Map of San Diego, California. Sheet 43. Available at San Francisco Public Library Database Web Portal: http://sanborn.umi.com.ezproxy.sfpl.org/. Accessed November 11, 2012.

1921 Sanborn Fire Insurance Map of San Diego, California. Volume 1, Sheet 19. Available at San Francisco Public Library Database Web Portal: http://sanborn.umi.com.ezproxy.sfpl.org/. Accessed January 10, 2012.

1926 Sanborn Fire Insurance Map of La Jolla, California. Sheet 23. Available at San Francisco Public Library Database Web Portal: http://sanborn.umi.com.ezproxy.sfpl.org/. Accessed January 10, 2012.

1940 Sanborn Fire Insurance Map of San Diego, California. Volume 2, Sheet 299I. Available at San Francisco Public Library Database Web Portal: http://sanborn.umi.com.ezproxy.sfpl.org/. Accessed November 11, 2012.

1940 Sanborn Fire Insurance Map of San Diego, California. Volume 1, Sheet 411. Available at San Francisco Public Library Database Web Portal: http://sanborn.umi.com.ezproxy.sfpl.org/. Accessed November 7, 2012.

Scarr, Lew

1956 "Schoolmen Praise Portables." *San Diego Tribune*, March 12, 1956. News Clip from Box 87—Schools—A-F, San Diego History Center.

Smyth, William E.

1908 "Chapter 2: Schools and Education." Excerpt from *History of San Diego, 1542-1908*, 568-

581, with photographs at San Diego History Center website: http://www.sandiegohistory.org/books/smythe/6-2.htm, accessed November 7, 2012.

Zellie, Carole

2005 *Minneapolis Public Schools Historic Context Study.* Prepared by Landscape Research LLC for the Minneapolis Heritage Preservation Commission, Minneapolis Minnesota, April 2005. Available: http://mpshistory.mpls.k12.mn.us/uploads/mplspublicschoolstdy_2005.pdf. Accessed July 22, 2012.

Attachment 2

DPR Forms:

O'Farrell Charter School

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State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # P-37-032916
HRI # _____
Trinomial _____
NRHP Status Code _____
Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 **of** 18 ***Resource Name or #** (Assigned by recorder) O'Farrell Charter School
P1. Other Identifier:
***P2. Location:** ☐ **Not for Publication** ■ **Unrestricted** ***a. County** San Diego
and (P2b and P2c or P2d. Attach a Location Map as necessary.)
***b. USGS 7.5' Quad** National City **Date** 1967 (PR 1975) **T** ___; **R** ___; ___ ¼ **of Sec** N/A; Pueblo Lands of San Diego S.B. **B.M.**
c. Address 6130 Skyline Drive City San Diego Zip 92114
d. UTM: (give more than one for large and/or linear resources) Zone 11S; 493812 mE/ 3618249 mN
e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

O'Farrell Charter School is located at 6130 Skyline Drive, in a suburban neighborhood near the Encanto and Valencia Park areas of southeastern San Diego. The campus consists of nine original buildings dating to 1960, a library addition, and numerous portable classrooms. The main entrance to the school is located west of the main parking lot along Skyline Drive, between the Administration Building and the Auditorium. Photographs of the school referenced in parentheses in this description can be consulted below beginning on page 6. A sketch map of the campus is included below on page 3 (see continuation sheet).

***P3b. Resource Attributes:** (List attributes and codes) HP15. Educational Building
***P4. Resources Present:** ■ Building ■ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



P5b. Description of Photo: (View, date, accession #) Photograph 1. O'Farrell Community School Auditorium (right), main entrance (center-right), and Administration Building (right), view to west

***P6. Date Constructed/Age and Sources:**
■ Historic ☐ Prehistoric ☐ Both
1960 (See attached DPR 523B form references)

***P7. Owner and Address:**
San Diego Unified School District
4860 Ruffner Street
San Diego, CA 92111

***P8. Recorded by:** (Name, affiliation, address)
Tim Yates
ICF International
9775 Business Park Avenue, Suite 200
San Diego, CA 92131

***P9. Date Recorded:** December 12, 2012

***P10. Survey Type:** (Describe) Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.") ICF International. 2012. Technical Memorandum: California Register of Historic Resources Evaluation of O'Farrell Charter School (ICF 00576.12). San Diego, CA. Prepared for the San Diego Unified School District.

***Attachments:** NONE ☐ Location Map ■ Sketch 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) _____

***NRHP Status Code** ___
***Resource Name or #** (Assigned by recorder) O'Farrell Charter School

B1. Historic Name: O'Farrell Junior High School
B2. Common Name: O'Farrell Charter School
B3. Original Use: School B4. Present Use: School
***B5. Architectural Style:** Mid-Century Modern
***B6. Construction History:** (Construction date, alteration, and date of alterations) 1961; see B.10 Significance for detailed discussion of post-1961 alterations

***B7. Moved?** ■ **No** ☐ **Yes** ☐ **Unknown** **Date:** _____ **Original Location:** _____
***B8. Related Features:** _____

B9. Architect: Frank L. Hope and Associates Architects **b. Builder:** Unknown
***B10. Significance: Theme** Mid-twentieth-century San Diego public school development **Area** San Diego County
Period of Significance 1960 **Property Type** Public school complex **Applicable Criteria** NA
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

O'Farrell Charter School does not appear to meet the criteria for listing on the California Register of Historical Resources (CRHR) due to insufficient historic significance. The period of potential significance is 1960, the year the school was built.

Originally planned and developed as Mabel E. O'Farrell Junior High School, the school was designed by the firm Frank L. Hope and Associates, Architects in 1958 (Frank L. Hope and Associates 1958). All of the school's permanent mid-century modern buildings were completed by 1960. By 1964, nine of the portable classrooms currently at the campus had been sited north of the Cafeteria (historicaerials.com 1964; SDUSD 2007). Apart from these early portables, other portables have been replaced with newer models or added to the school property in the area north of the Cafeteria and west of Building 400, the area north of Building 200 and south of Building 400, and the area west of Buildings 100 and 200. Around 2002, new construction at the campus included concrete walks and landscaping north of the western two-thirds of Building 200, a concrete stairway and ramp to provide access to portable classrooms east of Buildings 100 and 200, and a major shed-roof library addition to the west end of Building 200's south elevation (see continuation sheet).

B11. Additional Resource Attributes: (List attributes and codes)

***B12. References:**

See page 13

B13. Remarks:

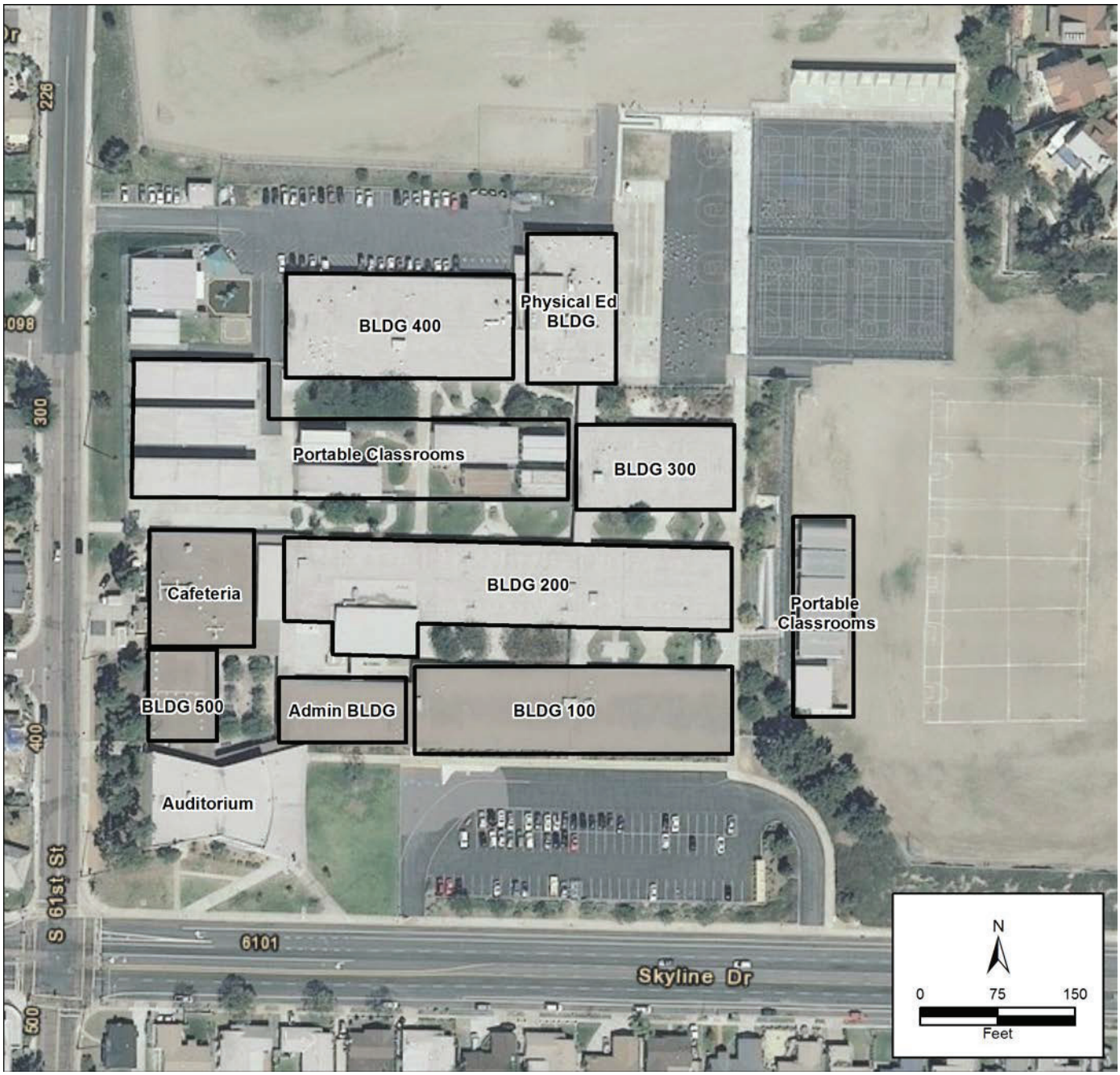
***B14. Evaluator:** Tim Yates, Ph.D., ICF International

***Date of Evaluation:** January 22, 2012

(This space reserved for official comments.)

(Sketch Map with north arrow required.)

See DPR Page 3 Sketch Map


BLDG 400
Physical Ed BLDG
Portable Classrooms
BLDG 300
Cafeteria
BLDG 200
Portable Classrooms
BLDG 500
Admin BLDG
BLDG 100
Auditorium
S 61st St
6101
Skyline Dr
N
0
75
150
Feet

*P3a. Description (cont.):

The largest and most boldly designed building on the O'Farrell campus is the school's late mid-century modern Auditorium, situated at the corner of Skyline Drive and 61st Street amid lawns, shrubs, and concrete walkways and stairs (Photograph 1). Irregular in plan, the angular and largely stucco-clad building features a prominent butterfly-shaped eave projection with tile-clad support columns at the east-facing façade. The projecting eave shelters four symmetrically arranged entries outlined by molding and secured by double-leaf institutional-grade doors. West of the Auditorium's one-story-high entry area, the audience and stage enclosures of the building are formed by two wedge-shaped masses attached at their narrower ends. Topped by angled roofs with low perimeter parapets that form an internal gutter valley at the center of the building, these two wedge-shaped masses rise as high as two-stories on their east and west sides. The west elevation has a sign identifying the school, a large non-original mural, two square-shaped louvered vents, and a molding-outlined entry with single- and double-leaf institutional-grade doors (Photograph 2). An attached circulation canopy at the north elevation is supported on its north side by steel piloti or posts set at interior leaning angles (Photograph 16). At the northeast corner of the Auditorium, a steel gate secures the school's main entrance, which is sheltered by a piloti-supported canopy attached to both the Auditorium and the southwest corner of the Administration Building (Photograph 3).

Most of the campus's other buildings are altogether commonplace examples of mid-century modern school architecture. Rectangular in plan, the Administration Building has a flat roof, stucco cladding, multiple entries with institutional-grade doors, and rectangular aluminum-frame windows arranged mainly in multiple four-light stacks, or—at north and south elevations—as clerestory ribbons (Photographs 3-4, 18). Broad eaves shelter paved circulation corridors around the building. The main entry at the west elevation features a large bank of rectangular aluminum-frame windows and a concrete-block planter. Long concrete-block planters interrupted by concrete stairways parallel the sheltered corridor at the north elevations of both the Administration Building and Building 100 immediately to the east. Attached eaves at the east end of the Administration Building and the west end of Building 100 form a breezeway secured by chain link gates.

Housing classrooms, Building 100 has a long rectangular plan, stucco cladding, a flat roof with broadly projecting eaves at the north and south elevations, a central breezeway secured by steel-wire gates, and a combination of rectangular aluminum-frame clerestory windows and large window banks formed of a series of rectangular aluminum-frame windows stacked four-lights high (Photographs 4-5). Security screens front the windows at the south elevation. The building's numerous entries at the eave-sheltered north and south elevations mainly have single-leaf institutional-grade doors, some with rectangular vision lights.

North of Building 100, Building 200 mainly contains classrooms with entries at the north and south elevations and largely repeats the design of Building 100 (Photograph 6). Building 200 differs, however, in that it has two breezeways, a longer plan, and its original rectangularity has been altered by a shed-roofed and stucco-clad library addition at the west end of the south elevation (Photograph 7). The library addition has several rectangular windows that are larger than the campus's original windows. Its entry is accessed by both concrete steps and a concrete ramp. Circulation canopies with angled steel piloti supports connect the southwest corner and the library addition entry of Building 200 to the north side of the Administration Building, and connect Building 200 at its eastern breezeway to the Building 100 breezeway (Photographs 5, 7, 13).

Located north of Building 200's east end, Building 300 also contains classrooms. It has a rectangular plan and is a third of the size of Building 200, but essentially repeats Building 200's other original design features (Photograph 8). A circulation canopy with steel piloti extends from Building 200 at its eastern breezeway to the eave projection on the west side of Building 300. This arrangement is repeated on the north side of Building 300, where a circulation canopy connects to the southern eave extension of the Physical Education Building (Photographs 8-9).

Rectangular in plan, the Physical Education Building has a flat roof, stucco cladding, few aluminum-frame windows, numerous single- and double-leaf institutional grade doors, and no eave projections except at the circulation route along its south elevation (Photograph 10). Containing locker rooms and a central studio with the rectangular studio roof rising slightly higher than the rest of the roof, the Physical Education Building is connected to the east side of classroom Building 400 by a breezeway (Photograph 11).

Building 400 originally housed shops and appears to have since been converted to classrooms (Photographs 11-12). Its flat roof forms broad sheltering eaves at its north and south elevations. Its exterior walls are clad in stucco and its fenestration consists of banks of rectangular, aluminum-frame windows stacked three lights high, several clerestory windows, single- and double-leaf institutional-grade doors, and metal roll-up vehicle or equipment doors at the west end of the north and south elevations.

Well south of Building 400, and immediately west of the Administration Building and north of the Auditorium is an open-air lunch area bordered on the northwest by the school's Cafeteria and on the west by Building 500, which contains music rooms. The rectangular-plan, stucco-clad Cafeteria is connected via circulation canopies with angled steel piloti supports or by its broad eaves to Buildings 500 and 200 (Photograph 13). The south elevation accommodates lunch service windows and the east elevation features a series of partitioned bays with stacks of rectangular aluminum-frame windows (Photograph 14). An additional, larger bank of aluminum-frame windows lights the

building's interior from the north elevation. Multiple entries feature single- and double-leaf institutional-grade doors, some with glazing. The west elevation along S. 61st Street has a ribbon of rectangular aluminum-frame windows with louvered exterior sun screens, and a loading area secured by a steel wire fence (Photograph 15). A non-original lunch shelter with square steel support posts and a flat roof rising higher than the surrounding roofs and circulation canopies is situated on the east side of the Cafeteria (Photograph 14).

The Cafeteria is connected by a breezeway to Building 500, which is in turn connected to the Auditorium (Photographs 15-17). Rectangular in plan and clad in stucco, Building 500 has flat roofs, with the northern roof rising higher than the southern, and a broad, sheltering eave extension at the south elevation with angled piloti supports. The building is accessed at various entries secured by single- and double-leaf institutional-grade doors. The west elevation along 61st Street has windows fronted by exterior louvered sun shades (Photograph 15). A steel gate secures the breezeway between Building 500 and the auditorium (Photograph 17).

The O'Farrell Charter School campus is equipped with numerous portable classroom buildings. Nine of these positioned in rows of three, all located north of the Cafeteria, appear to have remained at their original sites since the early 1960s (historicaerials.com). These rectangular-plan buildings feature composite-cladding, slightly angled roofs with broad sheltering eaves at their entries, banks of rectangular aluminum-frame windows stacked four high, single-leaf institutional-grade entry doors and wood entry stairs or disability access ramps with steel railing (Photograph 19). Additional portable buildings, some dating to recent decades, are located west of Building 400, between Building's 400 and 200, and east of Buildings 100 and 200, atop a slope surmounted by non-original concrete stairs and a concrete disability access ramp, both with steel railing (Photographs 20-22).

In addition to previously mentioned concrete circulation routes and concrete-block planters, the campus is landscaped with lawns, numerous trees and shrubs, unsheltered concrete walkways between canopies and buildings, several concrete planters, and concrete and steel picnic tables and benches, the latter of which do not appear to be original in many cases. The open lunch area west of the Administration Building and north of the Auditorium features six terraced planters comprised of mortar and solid rusticated concrete blocks that do not appear to be original (Photograph 18) . A similar planter is located east of the library addition to Building 200. Running along the undersides of some of the circulation canopies and building eaves are aluminum ducts that do not appear to be original features of the school (Photographs 3, 5, 7-9, 13, 16-18).

*B10. Significance (cont.):

The food service counter at the south elevation of the Cafeteria and the lunch shelter on the east side of the Cafeteria were also developed at this time (historicaerials.com 1989, 2003; Edward J. Cass and Associates 2002). A playground and concrete walkways south of Building 400, and planters comprised of rusticated solid concrete blocks and mortar in the open lunch area west of the Administration Building and in the area north of Building 100, appear to have been built in more recent years.

O'Farrell Charter School was built during the post-World War II boom of population growth in the San Diego area, which resulted in extensive development of new suburban neighborhoods and new public schools to serve the region's growing population of children (see Attachment 1). Residential neighborhoods, school complexes, and other infrastructure constructed to encourage or accommodate growth are not historically significant by virtue of their association with growth. Most built environments are products of planning for population growth or accommodating population growth. Association with growth is entirely commonplace, and were it a qualification for historical significance all buildings, complexes, and infrastructure surviving from an era of growth would be considered historical resources. Obviously, however, not all built resources developed during a given era are historically significant. The school does not appear to be associated with discrete events of historical significance to San Diego, the State of California, or the United States. Hence it does not appear to meet Criterion 1 for listing in the CRHR.

Although the school is associated with an important San Diego architectural firm, such associations are properly assessed with reference to Criterion 3 of the CRHR, which is discussed in greater detail below. The school does not appear to have associations with other individuals important to the history of San Diego, the State of California, or the United States. It does not, therefore, appear to be eligible for the CRHR under Criterion 2. Criterion 4 relates primarily to archaeological data and would not normally factor into an evaluation of an above-ground resource like O'Farrell Charter School, unless, of course, archaeological sites had been previously recorded within the school limits. That is not the case in this situation.

The O'Farrell Charter School buildings constructed in 1960 were designed by the architectural firm of Frank L. Hope and Associates. Two San Diego master architects with the Hope surname were associated with this firm, Frank L. Hope Sr., and Frank L. Hope Jr. Born in San Bernardino in 1901, Hope Sr. attended the University of California, Berkeley, Pittsburgh's Carnegie Institute of Technology, and San Diego State University. In 1925 he worked for Requa and Jackson, Architects. In 1928 he started his own firm, Frank L. Hope and Associates. In 1930 Hope Sr. designed Normal Heights' Carmelite Monastery in the Spanish Colonial Revival style. He continued to produce a number of buildings and complexes for the Catholic Church over the next several decades. As modernism swept the field in the mid twentieth century, Hope and his firm created Contemporary Style homes and commercial buildings, and designed larger modernist public and commercial buildings and complexes, including public schools. Born in 1931, Hope Sr.'s son, Frank L. Hope Jr., eventually became an architect and joined his father's firm. After Hope Sr. retired in 1965, Hope Jr. became head of the firm. Under Hope Jr., the firm designed

multiple residential projects and several San Diego area landmarks, including San Diego Stadium (now Qualcomm Stadium), the Timken Museum, the May Company building in Mission Valley, and several buildings on the UCSD campus (City of San Diego 2007:79, 92; Feeley et al. 2011:16; Modern San Diego n.d.).

O'Farrell Charter School's original landscape elements may have been designed by Jane Minshall. Minshall earned her degree in landscape architecture at the University of California, Berkeley, in 1941. In 1947, SDUSD hired her as a landscape architect, and she remained the District's sole landscape architect for many years. Minshall retired from the District in the mid-1970s. During the post-World War II decades of Minshall's SDUSD service, landscape design—the placement of lawns, trees, and shrub clusters, and the design and placement of circulation features, planter boxes, benches, and other features—became an increasingly important component of school planning and modernist school architecture. During this period, school planners and architects sought to foster indoor-outdoor experience, which expanded the outdoor spaces of school campuses and made them integral to overall school design (Minshall 1974; *San Diego Tribune* 1954; SDUSD 1967).

Despite the association between O'Farrell's 1960s buildings and Frank L. Hope and Associates, and despite the potential association between O'Farrell's original landscape design and Jane Minshall, the school complex does not appear to be eligible for the CRHR under Criterion 3. Although much of the O'Farrell campus is representative of modernist public school design, despite some diminished historic integrity, it does not appear to constitute a Frank L. Hope and Associates masterwork. The most architecturally compelling building on the campus, the Auditorium, registers the shift from the International style—the most prevalent architectural style exhibited by larger mid-century San Diego public school buildings—to the more angular roof shapes and complex massing associated with the Contemporary, Post-and-Beam, and Googie styles. The building does not, however, appear to reach the threshold of significance necessary to justify individual listing on the CRHR under Criterion 3, nor does it give the school as a whole the architectural significance necessary to justify listing on the CRHR under Criterion 3 as a historic school complex or historic district. The other 1960 buildings on the campus are commonplace examples of mid-century modern school architecture. They do not possess high artistic value and do not embody distinctive characteristics of a type, period, or method of construction. O'Farrell's landscape elements are also commonplace with respect to San Diego Public schools developed during the 1950s and 60s, and do not confer historic significance on the campus.

In summary, O'Farrell Charter School does not appear to meet the Criteria for listing on the CRHR. The school was evaluated in accordance with Section 15064.5(a) (2)-(3) of the CEQA Guidelines, using the criteria outlined in Section 5024.1 of the Public Resources Code, and determined not to be a historical resource for the purposes of CEQA.

Photographs (cont.):



Photograph 2. South elevation of Auditorium, view to northeast



Photograph 3. Main campus entry and west elevation of Administration Building, view to northeast



Photograph 4. South elevations of Administration Building and Building 100



Photograph 5. North elevation of Building 100 (left), note circulation canopy connecting Building 100 breezeway to Building 200 breezeway, view to west



Photograph 6. East end of Building 200's south elevation, view to northwest



Photograph 7. Library addition at west end of Building 200's south elevation, view to northeast



Photograph 8. North elevation of Building 300 and circulation canopy, view to east-southeast



Photograph 9. Circulation canopy connecting to eave of Building 300 (left) and breezeway of Building 200 in the distance, view to south from the Physical Education Building



Photograph 10. East and North Elevations of Physical Education Building, view to southwest



Photograph 11. West elevation of Physical Education Building (rear right), north elevation of Building 400



Photograph 12. South elevation of Building 400, view to east-northeast



Photograph 13. South and east elevations of Cafeteria behind circulation canopy, southwest corner of Building 200 (right), view to west-northwest



Photograph 14. East elevation of Cafeteria and non-original lunch shelter, view to southwest



Photograph 15. West elevations of Cafeteria (center and left) and Building 5 (right), view to northeast



Photograph 16. East elevation of Building 500, view to northwest



Photograph 17. Breezeway between Auditorium (left) and Building 500 (right), view to west



Photograph 18. Open lunch area and Administration Building, view to east-southeast



Photograph 19. Southern three of nine portable classrooms north of Cafeteria, view to northwest



Photograph 20. Portable classrooms east of portables in Photograph 18 and south of Building 400, view to northwest



Photograph 21. Concrete stairs and disability ramp east of Building 200



Photograph 22. Portable classrooms east of concrete stairs and disability ramp

*B12. References (cont.):

Cass, Edward J. and Associates
2002 O'Farrell Community School Site Plan. Sheet 110, September 4, 2002. On file at the Architectural Archives of the SDUSD Maintenance and Operations Center, San Diego, California.

Frank L. Hope and Associates
1958 Building and Room Identification—Site Plan, Mabel E. O'Farrell Junior High School. Sheet X-2, November 6, 1958. On file at the Architectural Archives of the SDUSD Maintenance and Operations Center. San Diego, California.

Freeley, Jennifer, Tricia Olsen, Ricki Siegel, Ginger Weatherford, and Historic Resources Board Staff
2011 Biographies of Established Masters. San Diego Historic Resources Board. Available: http://www.sandiego.gov/planning/programs/historical/pdf/201109biographies.pdf. Accessed July 15, 2012.

Historic Aerials
1953, 1964, 1968, 1971, 1989, 2003, 2005 Available: www.historic.aerials.com. Accessed December 12, 2012.

Minshall, Jane
1974 Report on Land & Facilities Planning, SDUSD Business Services Division. September 24, 1974. Bio Folder 156: Mil-Moe, San Diego History Center, San Diego, California.

Modern San Diego Real Estate
n.d. Modern San Diego Real Estate Website—Architects—Frank L. Hope Sr. Available: http://www.modernsandiego.com/. Accessed November 19, 2012.

San Diego Tribune
1954 "San Diego Schools Landscaping Begins on Woman's Drafting Board." San Diego Tribune, November 30, 1954. News Clip from Bio Folder 156: Mil-Moe, San Diego History Center, San Diego, California

San Diego Unified School District (SDUSD)
1967 Personnel Biographical Information. Jane Minshall. April 14, 1967. Bio Folder 156: Mil-Moe, San Diego History Center, San Diego, California.

2007 O'Farrell Charter School Small Scale Plot Plan. June 7, 2007. On file at the Architectural Archives of the SDUSD Maintenance and Operations Center. San Diego.

Appendix C
Transportation Study

ESA

LINSCOTT LAW & GREENSPAN engineers

TRANSPORTATION STUDY

O'FARRELL CHARTER SCHOOL

San Diego, California
October 16, 2020

LLG Ref. 3-20-3258

Prepared by:

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TRANSPORTATION STUDY

O'FARRELL CHARTER SCHOOL

San Diego, California
October 16, 2020

1.0 INTRODUCTION

Linscott, Law & Greenspan, Engineers (LLG) has prepared this Transportation Study for the O'Farrell Charter School Whole Site Modernization Project (hereby referred to as the "Project"). The Project involves interior and exterior modernization improvements to the existing O'Farrell Charter School as detailed in *Section 2.0*.

The Project's transportation impacts were evaluated according to the City of San Diego draft Transportation Study Manual (TSM, June 2020). In compliance with Senate Bill 743 (SB 743) and the TSM, a project is required to evaluate transportation impacts under the California Environmental Quality Act (CEQA) using a Vehicle Miles Traveled (VMT) metric, pursuant to guidance from the Governor's Office of Planning and Research (OPR) in December 2018 (*Technical Advisory on Evaluating Transportation Impacts in CEQA*).

The draft TSM also requires a project to evaluate the effects of development on mobility, access, circulation, and related safety elements in the proximate area of the project in a Local Mobility Analysis (LMA).

The Project meets the VMT screening criteria contained in the TSM as documented in *Section 3.0* of this report. The Project is therefore presumed to have a less than significant VMT impact and is not required to prepare a detailed transportation VMT.

The Project also meets the LMA screening criteria contained in the TSM and is not required to prepare a detailed LMA, as documented in *Section 4.0* of this report.

Finally, *Section 5.0* of the report reviews the safety conditions for pedestrian and bicyclists within the school zone and provides recommendations to improve it.

2.0 PROJECT INFORMATION

2.1 Project Location

O'Farrell Charter School is located in the Encanto Neighborhoods community, in the southern portion of the city of San Diego. Encanto is located east of the community of Southeastern San Diego, west of the community of Skyline-Paradise Hills and the city of Lemon Grove, south of the community of Mid-City: Eastern Area, and north of the city of National City. The Project Site is located approximately 1.6 miles east of Interstate (I-) 805 and approximately 1.3 miles southeast of State Route (SR) 94. Local access is provided by Skyline Drive to the south, Imperial Avenue to the north, and Valencia Parkway to the west.

The entire 29.7-acre campus is considered to constitute the Project Site. The Project Site is located entirely within Assessor's Parcel Numbers (APNs) 549-240-07, 549-240-08, and 49-350-01. The project site is bound to the north by three residential homes and Pastor Timothy J. Winters Street (previously known as Benson Avenue), to the west by 61st Street, to the south by Skyline Drive, and to the east by single-family residences.

Figure 2–1 shows the project vicinity map

2.2 Project Description

The Proposed Project involves improvements to the existing O'Farrell Charter School (Project Site or campus), including demolition of the existing tennis and basketball courts and the construction of a new student union (which would include four new student classrooms) and outdoor gathering space in its place. The Proposed Project would also include a new turf field in the center of campus, security fencing in the southernmost parking lot, and drainage improvements throughout the campus. Improvements would also include a new student drop-off area and parking lot along the northern portion of campus, and improvements to the existing parking lot in the southern portion of campus. In addition, the Proposed Project would modernize several other buildings on campus with new flooring, roofing, and interior lighting.

With implementation of the Proposed Project, student capacity would be increased by 174 students. However, the school is considered over-enrolled and the increased capacity is intended to serve its current enrollment, not new students. No increase in enrollment will be allowed.

2.3 Project Site Characteristics

The entire 29.7-acre Project Site is zoned as Residential-Single Unit RS-1-1 (City of San Diego 2019). 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, which is consistent with its use as a school (City of San Diego 2018). By state law, school facilities can be exempted from local zoning ordinances consistent with California Government Code Section 53094. The District Board of Education adopted a resolution on July 10, 2018, exempting O'Farrell Charter School from local zoning ordinances consistent with the project being carried out as described in the Project's associated Initial Study.

Figure 2–2 shows the project site plan

2.4 Project Trip Generation

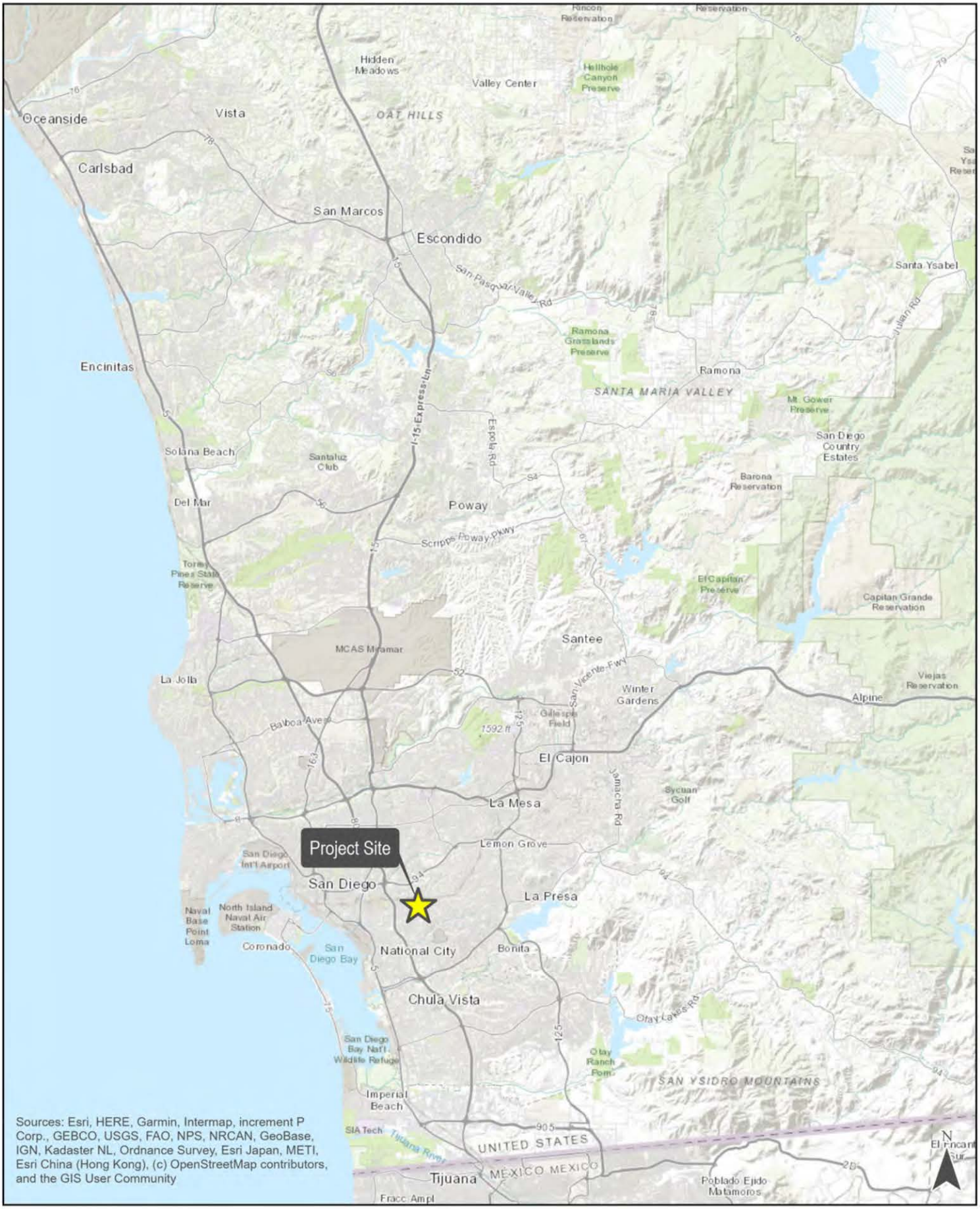
As described in *Section 2.2*, the Project improvements will provide additional capacity to serve the existing student body but will not allow for an increase in enrollment, as the school is presently considered over-enrolled.

City of San Diego trip generation rates, as shown in ***Table 2–1*** below, are calculated on a per student basis. As student enrollment will not increase, the Project will not generate new vehicle trips.

TABLE 2–1
EDUCATION TRIP GENERATION RATES – CITY OF SAN DIEGO

Land Use	Trip Rate[a]	AM Peak Hour		PM Peak Hour	
		% of ADT	In:Out Split	% of ADT	In:Out Split
High School	1.8 /student	20%	80:20	14%	30:70
Junior High/Middle School	1.4 /student	24%	70:30	7%	30:70
Elementary School	2.9 /student	31%	60:40	19%	40:60

Footnotes:
a. Rates from City of San Diego's *Trip Generation Manual* (May 2003).

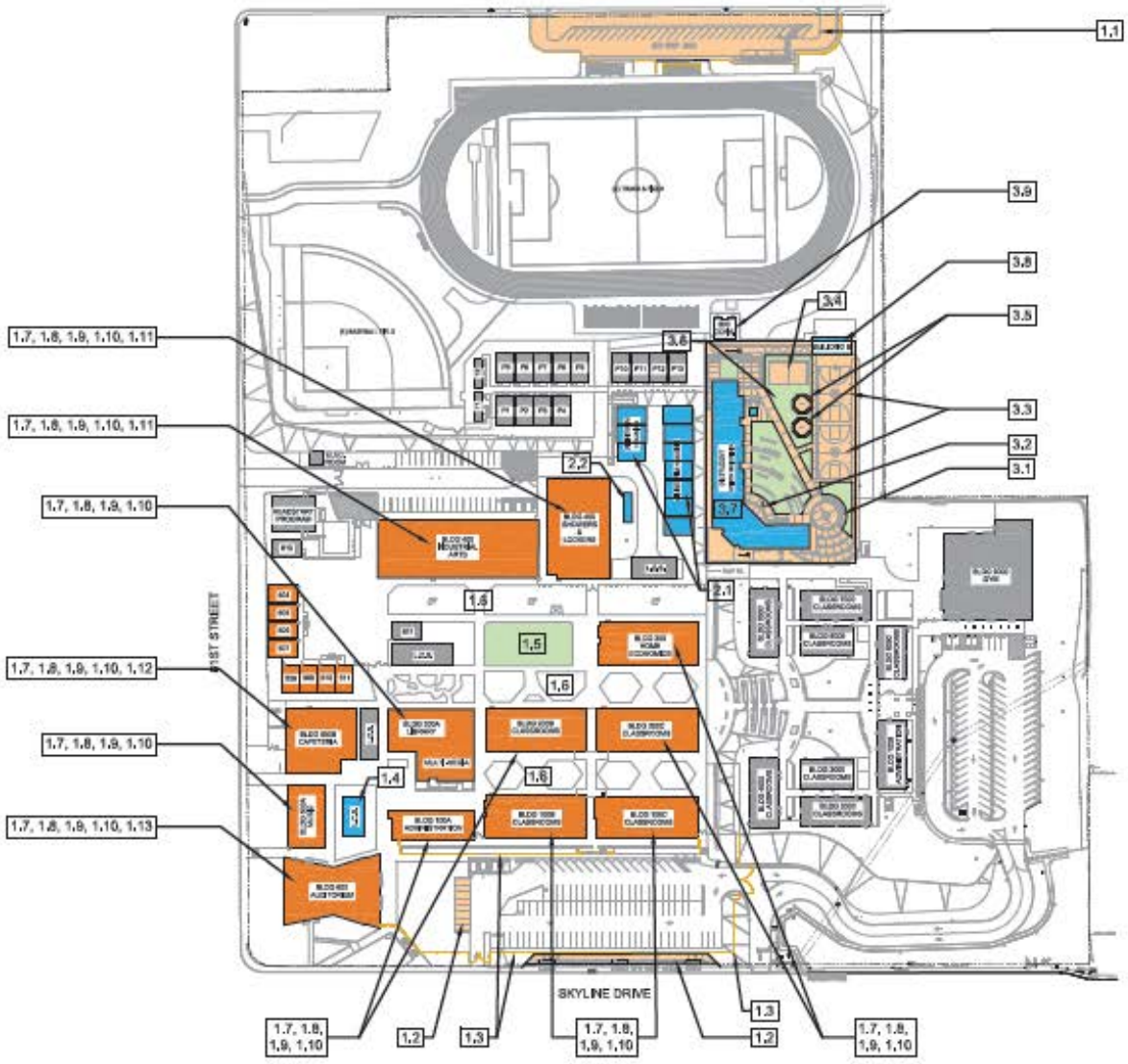


LINSCOTT LAW & GREENSPAN engineers

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Figure 2-1
Project Vicinity Map

O'FARRELL CHARTER SCHOOL


1.1
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3.6
3.3
3.2
3.1
3.7
2.2
2.1
1.7, 1.8, 1.9, 1.10, 1.11
1.7, 1.8, 1.9, 1.10, 1.11
1.7, 1.8, 1.9, 1.10
1.7, 1.8, 1.9, 1.10, 1.12
1.7, 1.8, 1.9, 1.10
1.7, 1.8, 1.9, 1.10, 1.13
1.5
1.6
1.4
1.8
1.2
1.3
1.7, 1.8, 1.9, 1.10
SKYLINE DRIVE
BUILDING 400 INDUSTRIAL ARTS
BUILDING 500 SHOWERS & LOCKERS
BUILDING 600 CAFETERIA
BUILDING 700A LIBRARY
BUILDING 800 AUDITORIUM
BUILDING 900 GYM
BUILDING 1000 CLASSROOMS
BUILDING 2000 CLASSROOMS
BUILDING 3000 CLASSROOMS
BUILDING 4000 CLASSROOMS
BUILDING 5000 CLASSROOMS
BUILDING 100A ADMINISTRATION
BUILDING 200A LIBRARY
BUILDING 300A CLASSROOMS
BUILDING 400A CLASSROOMS
BUILDING 500A CLASSROOMS
BUILDING 600A CLASSROOMS
BUILDING 700A CLASSROOMS
BUILDING 800A CLASSROOMS
BUILDING 900A CLASSROOMS
BUILDING 1000A CLASSROOMS
BUILDING 2000A CLASSROOMS
BUILDING 3000A CLASSROOMS
BUILDING 4000A CLASSROOMS
BUILDING 5000A

3.0 PROJECT CEQA VMT ANALYSIS

3.1 VMT Background

Vehicle miles traveled (VMT) is a measurement of miles traveled by vehicles within a specified region and for a specified period. VMT measures the efficiency of the transportation network. VMTs are calculated based on individual vehicle trips generated and their associated trip lengths. VMT accounts for two-way (round-trip) travel and is often estimated for a typical weekday to measure transportation impacts.

3.2 Local / Regional Agency Transition to SB743

Local and regional agencies, as well as transportation professionals, have already begun transitioning to SB 743. The City of San Diego published draft *Transportation Study Manual* (TSM) in June 2020. Given that the City of San Diego has developed methodologies and thresholds, the TSM was utilized.

3.3 Technical Methodology

According to the TSM, a detailed transportation VMT analysis is required for all land development projects, except those that meet one of the screening criteria. A project that meets at least one of the screening criteria below would have less than significant VMT impact due to the project characteristics and/or location.

1. **Residential or Commercial Project Located in a VMT Efficient Area:** The project is a residential or commercial employment project located in a VMT efficient area (15% or more below the base year average household VMT/capital or VMT/employee) based on the applicable location-based screening map produced by SANDAG.

2. **Industrial or Agriculture Project Located in a VMT Efficient Area:** The project is a industrial employment or agriculture employment project located in a VMT efficient area (in an area with average or below average base year VMT/employee) based on the applicable location-based screening map produced by SANDAG.

3. **Small Projects:** Projects generating less than 300 daily unadjusted driveway trips using the City of San Diego trip generation rates/procedures.

4. **Locally Serving Retail/Recreational Project:** The project is a locally serving retail/recreational project defined as having 100,000 square feet gross floor area or less and demonstrates through a market area study that the market capture area for the project is approximately three miles (or less) and serves a population of roughly 25,000 people or less. Locally serving retail is consistent with the definitions of Neighborhood Shopping Center in the San Diego Municipal Code Land Development Code Trip Generation Manual. Locally serving recreation land uses are listed in Appendix B of the TSM, if they meet the square footage and market capture area above. Adding retail/recreation square footage (even if it is 100,000 square feet gross floor area or less) to an existing regional retail shopping area is not screened out.

5. **Locally Serving Public Facilities:** The project is a locally serving public facility defined as a public facility that serves the surrounding community or a public facility that is a passive use. The following are considered locally serving public facilities: transit centers, public schools, libraries, post offices, park-and-ride lots, police and fire facilities, and government offices. Passive public uses include communication and utility buildings, water sanitation, and waste management.

6. **Affordable Housing:** The project has access to transit (within ½ mile walking distance) and is wholly or has a portion that meets one of the following criteria: is affordable to persons with a household income equal to or less than 50% of the area median income (as defined by California Health and Safety Code Section 50093), housing for senior citizens [as defined in Section 143.0720(e)], housing for transitional foster youth, disabled veterans, or homeless persons [as defined in 143.0720(f)]. The units shall remain deed restricted for a period of at least 55 years. The project shall provide no more than the minimum amount of parking per unit, per San Diego Municipal Code Section 143.0744. Only the portion of the project that meets the above criteria is screened out. For example, if the project is 100 units with 10 deed-restricted affordable housing units, transportation VMT analysis would not be necessary for the 10 affordable units but would be necessary for the remaining 90 units (unless they meet one of the other screening criteria). For purposes of applying the small project screening criteria, the applicant would only include the trip generation for the non-affordable housing portion of the project (since the affordable housing portion is screened out).

7. **Mixed Use Project Screening Considerations:** The project's individual land uses should be compared to the screening criteria above. It is possible for some of the mixed-use project's land uses to be screened out and some to require further analysis. For purposes of applying the small project screening criteria, the applicant would only include the trip generation for portions of the project that are not screened out based on other screening criteria. For example, if a project includes residential and retail, and the retail component was screened out because it is locally serving; only the trip generation of the residential portion would be used to determine if the project meets the definition of a small project.

8. **Redevelopment Project Screening Considerations:** The project is a redevelopment project that demonstrates that the proposed project's total project VMT is less than the existing land use's total VMT. Exception: If a project replaces affordable housing (either deed restricted or other types of affordable housing) with a smaller number of moderate-income or high-income residential units, the project is not screened out and must analyze VMT impacts.

3.4 VMT Assessment

Based on the screening criteria described in *Section 3.3*, Criteria 3 – Small Projects is applicable and detailed below.

Criteria 3 – Small Projects: The Project will create additional student capacity to serve the existing student body and will not provide for new enrollment. Therefore, the project will not generate new vehicle trips. This is less than the 300 unadjusted driveway trip threshold per the TSM screening criteria.

Based on the above screening criteria evaluation, the Project is presumed to have less than significant VMT impact due to the Project's characteristics. Therefore, the Project is screened out and a detailed transportation VMT analysis is not required.

4.0 PROJECT LOCAL MOBILITY ANALYSIS

4.1 LMA Background

The Local Mobility Analysis (LMA) evaluates the effects of a development project on mobility, access, and circulation, and related safety elements in the proximate area of the project. The LMA has the following objectives:

- Ensures that improvements identified in the Community Plan that support multi-modal circulation and access are constructed when needed.
- Identifies improvements needed to support and promote active transportation and transit modes.
- Ensures the project provides connection to the active transportation network and transit system.
- Addresses issues related to operations and safety for all transportation modes.

4.2 LMA Screening Criteria

The draft TSM requires the preparation of a Local Mobility Analysis unless they meet the following trip generation screening criteria:

- Land uses consistent with Community Plan/Zoning designation – less than 1,000 daily unadjusted driveway trips
- Land uses inconsistent with Community Plan/Zoning designation – less than 500 daily unadjusted driveway trips
- Projects in the Downtown Community Planning Area – less than 2,400 daily unadjusted trips

As noted in *Section 2.3*, the Project is consistent with existing Community Plan/Zoning designations and as such is subject to a threshold for 1,000 daily trips for LMA screening. In any case, the Project is calculated to generate no new trips, as discussed in *Section 2.4*, and an LMA is not required for the proposed Project.

Nonetheless, the Project includes substantial modifications to site access, parking, and on-site circulation. In particular, the new access and loading area at the northerly limits of the project is anticipated to increase vehicle activity on Pastor Timothy J. Winters Street. The following sections provide a review of active transportation conditions, site access and circulation which support the goals of an LMA.

4.3 Infrastructure and Site Conditions Review

Effective evaluation of the O'Farrell Charter School project requires an understanding of the existing network conditions around the school. In this section pedestrian, bicycle, and transit conditions are separately reviewed.

4.3.1 *Pedestrian Conditions*

Given the urban characteristics of the area, pedestrian circulation throughout the study area is mainly provided by sidewalks and roadway crossings. A 1,000ft network inventory was conducted along street segments, which documented missing sidewalks, pedestrian barriers, crosswalks, school crossings, intersection traffic control, signage, and pavement markings.

Figure 4–1 illustrates existing pedestrian conditions. Overall, sidewalks are provided within the study area except for south side of the Pastor Timothy J Winters St from Jenna Ct to about 500ft to the West near the school property line, north side of the Medio Street, east side of the Patten Street, and some sections north and south side of the Edmonds Street.

A flashing beacon pedestrian crossing is provided across S. 61st Street at Flipper Drive (shown below).



School zone signage is provided within 1,000 feet of the school except for areas east of the school. The majority of school signs were noted to be of lower reflectivity material and not the fluorescent yellow-green reflective sheeting. Missing sidewalks were also noted as shown in *Figure 4–1*.

Existing utility poles were also noted along the school frontage. The utility poles incumber sidewalk mobility, in certain cases substantially and may not provide the City's design standard of 5-feet of unobstructed sidewalk width. The image below provide an example along the school frontage.



Pedestrian Connectivity Analysis

As part of the pedestrian analysis a walkshed analysis was conducted to test connectivity. The walkshed analysis was performed by identifying all access points to/from the school. Pedestrian access for the O'Farrell Charter School was observed at the surface parking on Skyline Drive and S 61st Street.

From each access point, the walkshed analysis identified areas that could be reached by walking up to 0.5-miles. The analysis considered the pedestrian network and any gaps or barriers. In this regard, while some areas are within the 0.5-mile crow flies radius around the School, they may not be reached by walking due to lack of facilities or poor connectivity. A larger walkshed area means higher connectivity between Project site and nearby areas.

The walkshed analysis is presented in ***Figure 4–2.***

As shown in the figure, the O'Farrell Charter school has good connectivity except for residential areas located to the North-East of the school. This can be attributed to the lack of a back entrance of school.

It was also noted that pedestrian activity occurred along a dirt pathway at the easterly border of the school as shown below. This activity is like to do poor pedestrian connectivity to the east.



4.3.2 *Bicycle Conditions*

Bicycle mobility has become a prominent part of roadway networks today and will continue to evolve as a more viable option to auto use in many parts of San Diego. Improving bicycle connections in and around the school site is an important focus area for this study.

There are four (4) different bicycle classifications; Class I, Class II, Class III and Class IV. ***Table 4–1*** Explains each of the classifications. A 1,000ft network inventory was conducted along street segments which documented bicycle facilities.

Figure 4–3 Shows the Bicycle conditions in the school area. Overall, no higher classification bicycle facilities exist in the immediate vicinity of school. However, this is not uncommon for local roadways. Continuity breaks in existing facilities were noted. Along the project frontage the bike lane on Skyline Drive was observed to have a large gap as it approaches the S. 61st Street intersection, as shown below.



In addition, no bike racks were observed or accessible within the school.

Bicycle Connectivity Analysis

Similar analysis was performed to capture the connectivity of the school to community using the bicycle network. In this analysis, a one-mile biking distance was used. The bike-shed analysis is presented in ***Figure 4–4.***

Similar to walk-shed results, the O'Farrell Charter school in general has good connectivity except for residential areas located on the North-East side of the school. Similar to walkshed analysis, that could be attributed to lack of access to school site from the North and East sides

It should be noted that both walkshed and bike-shed analysis uses distance as the metric to measure connectivity. The quality of walking and biking is not a factor in the analysis.

4.3.3 *Transit Conditions*

The Project study area is served directly by MTS Route 12. Route 12 runs between Paradise Valley Road & Meadowbrook Dr to City College Transit Center. The bus service on this route is provided from 5:34am from starting at the City College Transit Center and 4:29am starting from Paradise Valley Road & Meadowbrook Dr. Buses arrive at 15 to 20 minute intervals throughout the AM and PM peak traffic.

There are 4 bus stops located within the school zone evaluation area that serves MTS route 12. Minimal amenities are provided. With respect to the bus stop along the project frontage, the bus stop amenities

are limited to a bench and partial obstruct the sidewalk as show below. ***Figure 4–5*** Illustrates the transit service within the school evaluation area

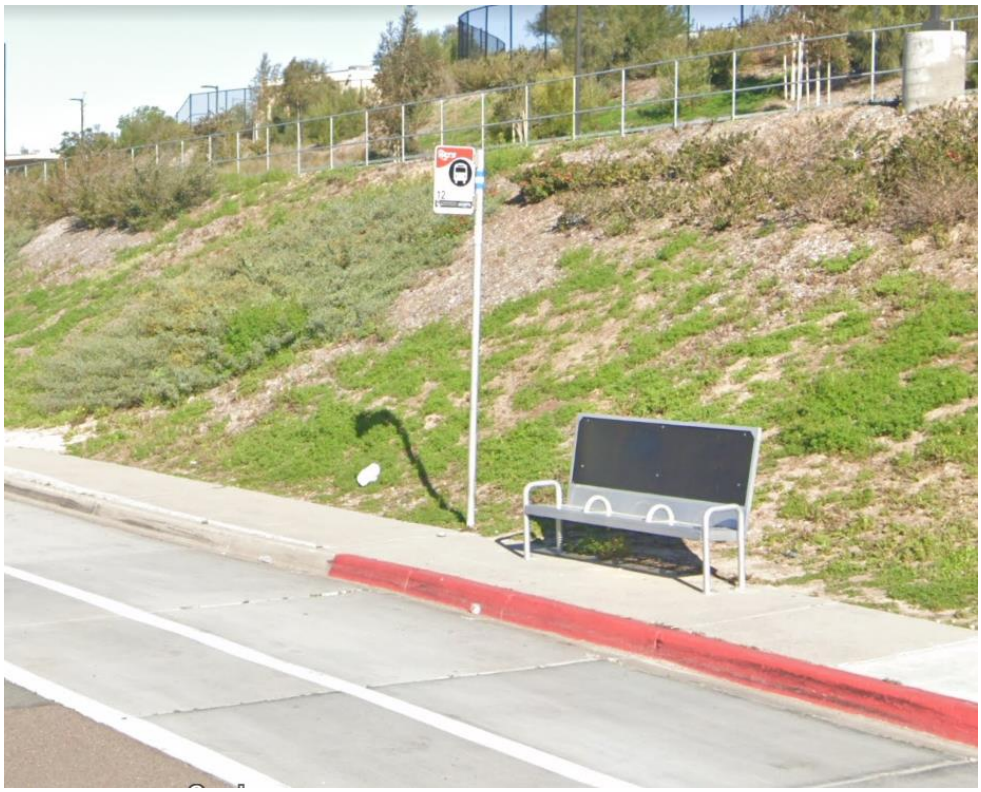
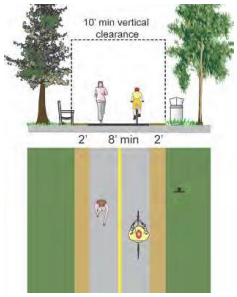


TABLE 4–1
CALIFORNIA BIKEWAY CLASSIFICATION SYSTEM

CLASS I – BIKE PATH

Bike paths, also termed shared-use or multi-use paths, are paved right-of-way for exclusive use by bicyclists, pedestrians, and those using non-motorized modes of travel. They are physically separated from vehicular traffic and can be constructed in roadway right of-way or exclusive right-of way. Bike paths provide critical connections in the city where roadways are absent or are not conducive to Bicycle travel.



CLASS II – BIKE LANE

Bike lanes are defined by pavement striping and signage used to allocate a portion of a roadway for exclusive or preferential bicycle travel. Bike lanes are one-way facilities on either side of a roadway. Whenever possible, Bike Lanes should be enhanced with treatments that improve safety and connectivity by addressing site specific issues, such as additional warning or wayfinding signage.



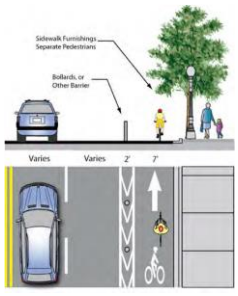
CLASS III – BIKE ROUTE

Bike routes provide shared use with motor vehicle traffic within the same travel lane. Designated by signs, Bike Routes provide continuity to other bike facilities or designate preferred routes through corridors with high demand. Whenever possible, Bike Routes should be enhanced with treatments that improve safety and connectivity, such as the use of "sharrows" or shared lane markings to delineate that the road is a shared-use facility.



CYCLE TRACK

Bike A Cycle Track is a hybrid type bicycle facility that combines the experience of a separated path with the on-street infrastructure of a conventional Bike Lane. Cycle tracks are bikeways located in roadway right-of-way but separated from vehicle lanes by physical barriers or buffers. Cycle tracks provide for one-way bicycle travel in each direction adjacent to vehicular travel lanes and are exclusively for bicycle use. Cycle tracks are not recognized by Caltrans Highway Design Manual as a bikeway facility. To provide bicyclists with the option of riding outside of the Cycle Track to position themselves for a left or right turn, parallel bikeways should be added adjacent to Cycle Track facilities whenever feasible.



4.3.4 *Site Conditions*

Pastor Timothy J. Winters Street
As shown on Figure 2–2, the proposed project would include a new parking lot and drop-off area north of the football field, accessible via a one-way entrance driveway and one-way exit driveway along Pastor Timothy J. Winters Street. The parking lot would include 26 general-use spaces and two ADA spaces, for a total of 28 parking spaces.

S. 61st Street
Existing access along S. 61st Street would remain. The S. 61st Street access is via a full movement, two-way driveway. No changes to the parking supply is proposed.

Skyline Drive
Existing access points along Skyline Drive would remain. The Skyline Drive access is via a one-way entrance driveway and one-way, right-turn restricted exit driveway. Images of the existing access along Skyline Drive is provided below.

The K-8 parking would also be improved to provide a new drop-off area on the western portion of the parking lot, near the exist driveway. A new drop-off area is also proposed along Skyline Drive between the two driveways. The driveway would be offset from the existing curb and would formalize vehicle movements with a raised median. On-street loading is currently permitted but would be prohibited given the improvements proposed.




The
O'Farrell Charter Schools
Elementary & Middle School
High School
STOP
STOP
NO PARKING FIRE LANE


STOP
ONLY

4.4 Project Recommendations

Based on the LMA, the following improvements or site plan revisions are recommended in conjunction with the school project.

Active Transportation Recommendations

- Provide additional school zone signage fluorescent yellow-green reflective sheeting at locations noted in **Figure 4–6**
- Upgrade existing school zone signage to the fluorescent yellow-green reflective sheeting for better visibility.
- Provide a minimum of 5-feet of unobstructed sidewalk along the project frontage. In areas with high pedestrian activity accommodate additional width. Utility pole relocation is not required however the bus stop bench will require a setback. Missing sidewalk would need to be provided along Pastor Timothy J. Winters Street (See **Figure 4–7**).
- If feasible, provide pedestrian path at the easterly school border to accommodate existing demand and improve connectivity. ADA compliance is not required given an alternate, ADA-compliant path is provided.
- Extend the existing bike lane along Skyline Drive (along the project frontage) to the S. 61st Street intersection to City standards.
- Provide bike racks within the school at all major access points.
- Provide high-visibility crosswalks, to current City standards, at the following intersections. See.
    - S. 61st Street / Pastor Timothy J. Winters Street (See **Figure 4–8)**
    - S. 61st Street / Flipper Drive (See **Figure 4–9**)
    - Pastor Timothy J. Winters Street / Jenna Court / new project driveway (if stop control is warranted)

Site Access and Circulation Recommendations

- Provide directional arrow pavement markings for all one-way driveways.
- Coordinate with the City on the installation of "no u-turn" signage at Skyline Drive/ S. 61st in the westbound direction. Given the right-turn exit driveway on Skyline Drive, vehicles will likely consider u-turns at Skyline Drive/ S. 61st Street. However, there is not sufficient width to complete the u-turn and no u-turn restriction signage was observed.

- Coordinate with the City on the appropriate traffic control at Pastor Timothy J. Winters Street / Jenna Court / new project driveway. If necessary, conduct a stop sign warrant.

- Coordinate with the City on the final design of the new drop-off area along Skyline Drive. The existing curb extensions may need to be extended across the project frontage to ensure feasibility of the improvements and meet City standards. In addition, the entry/exit points of the new drop-off area should be offset from existing driveways to avoid driver confusion.

- Provide direct pedestrian access from the new drop-off area along Skyline Drive to the school. Given the topography constraints ADA compliant may be difficult. Also, special consideration should be given to the path of travel to minimize conflict between parking lot traffic and pedestrians.

Additional Recommendations

- Prepare a Safe Route to School Program based on the information provided in this assessment. Distribute and education parent/students on the suggested route to school.

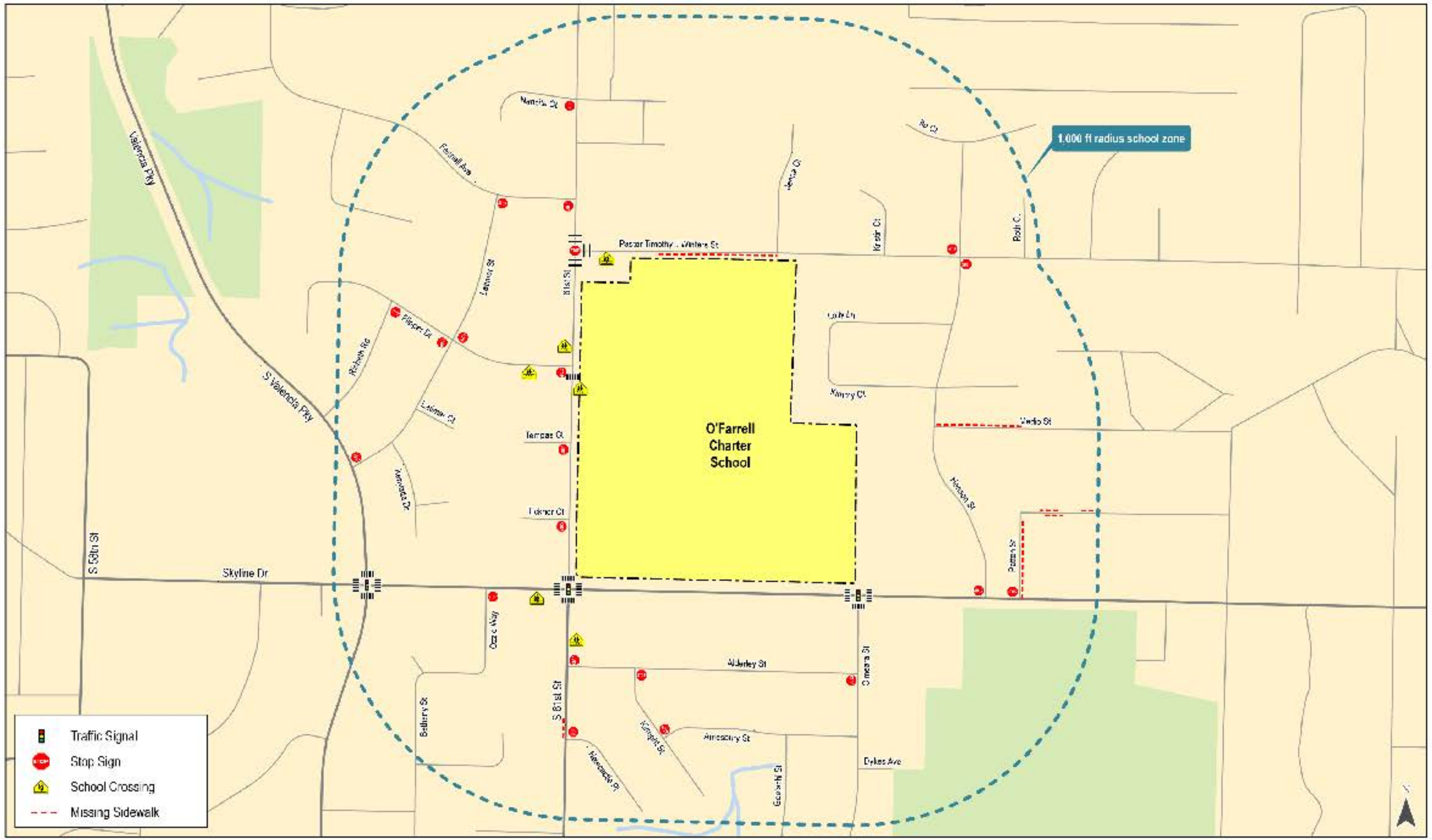
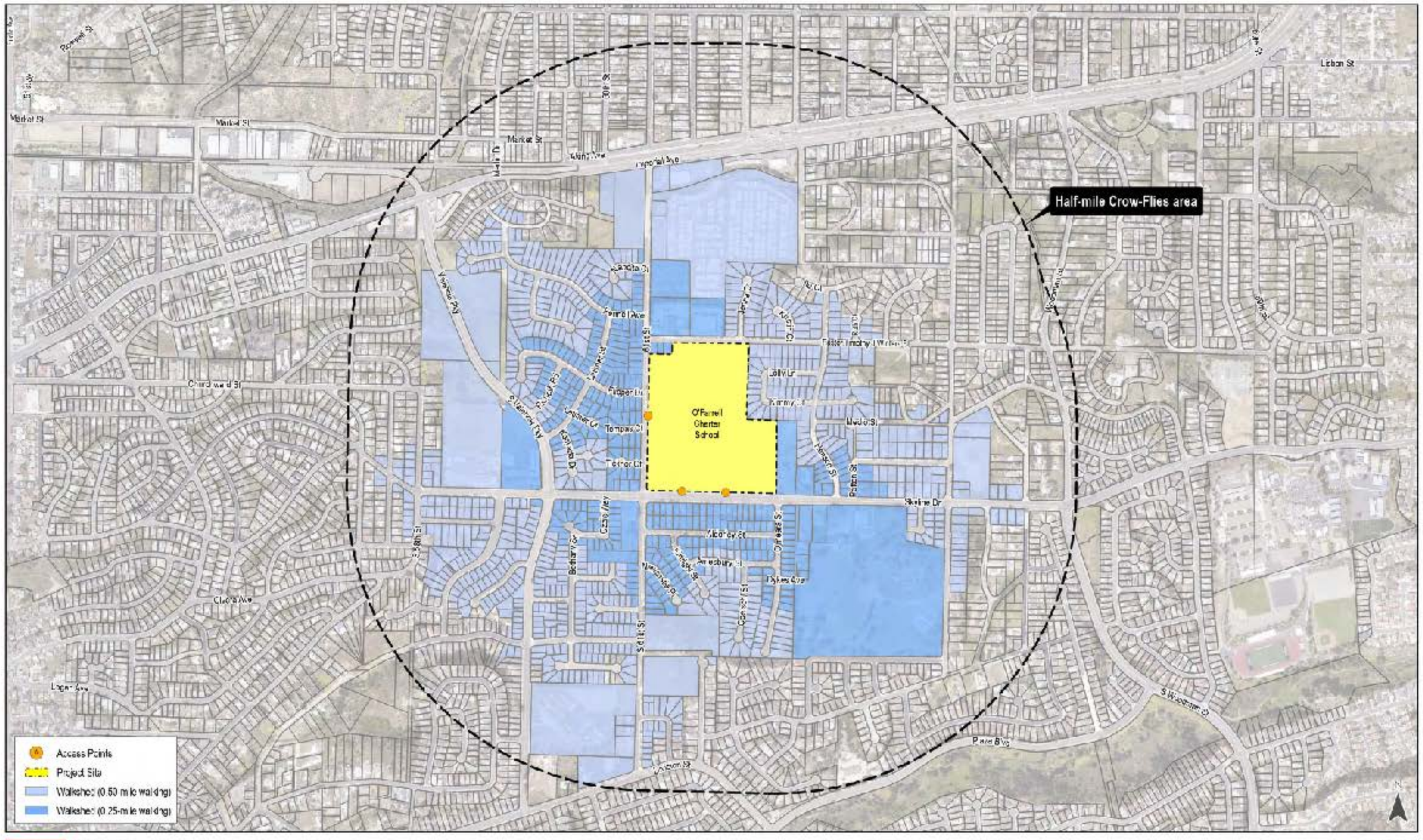


Figure 4-1
Existing Pedestrian Conditions



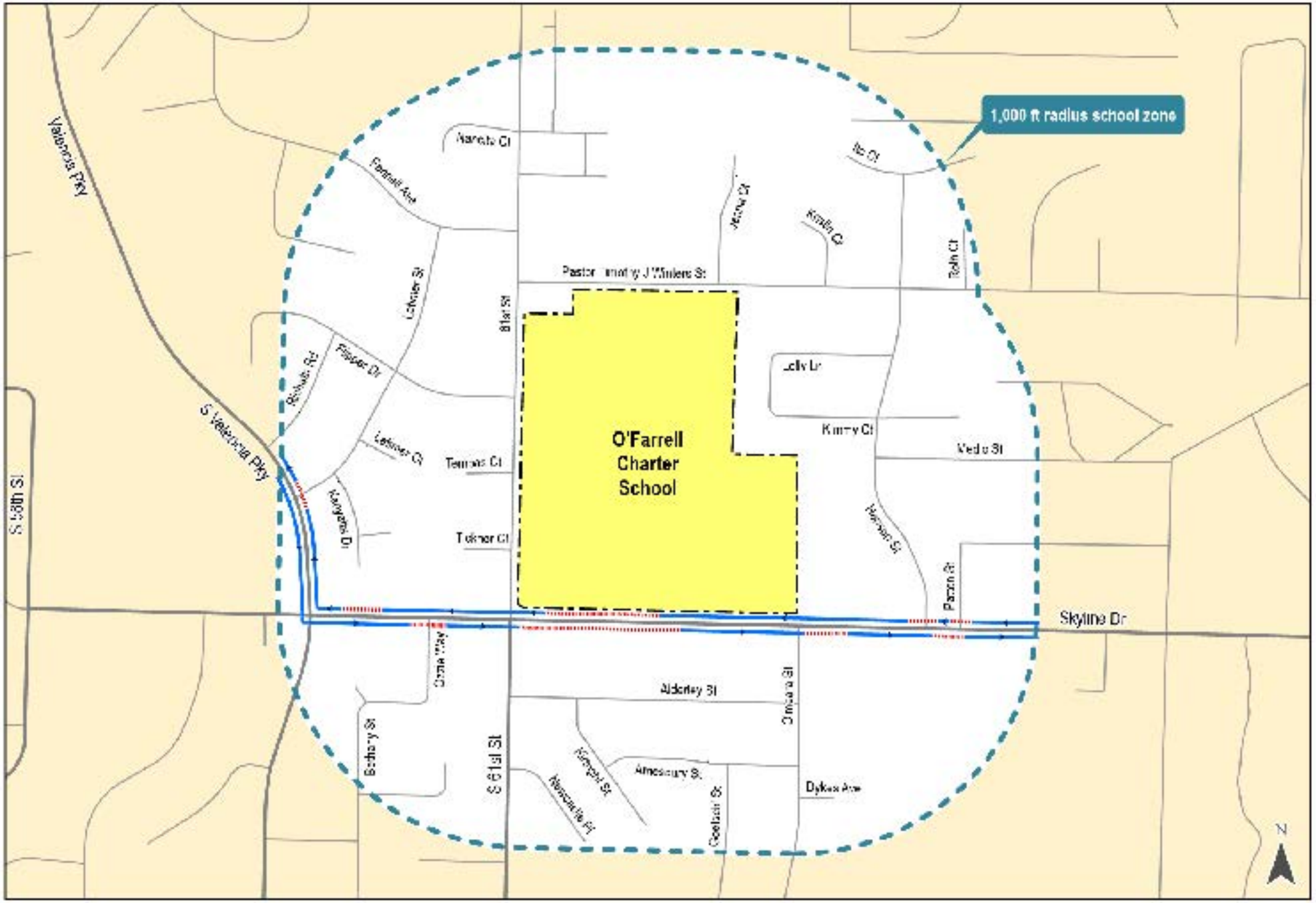
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Figure 4-2
Walkshed Analysis

C'FARRELL CHARTER SCHOOL

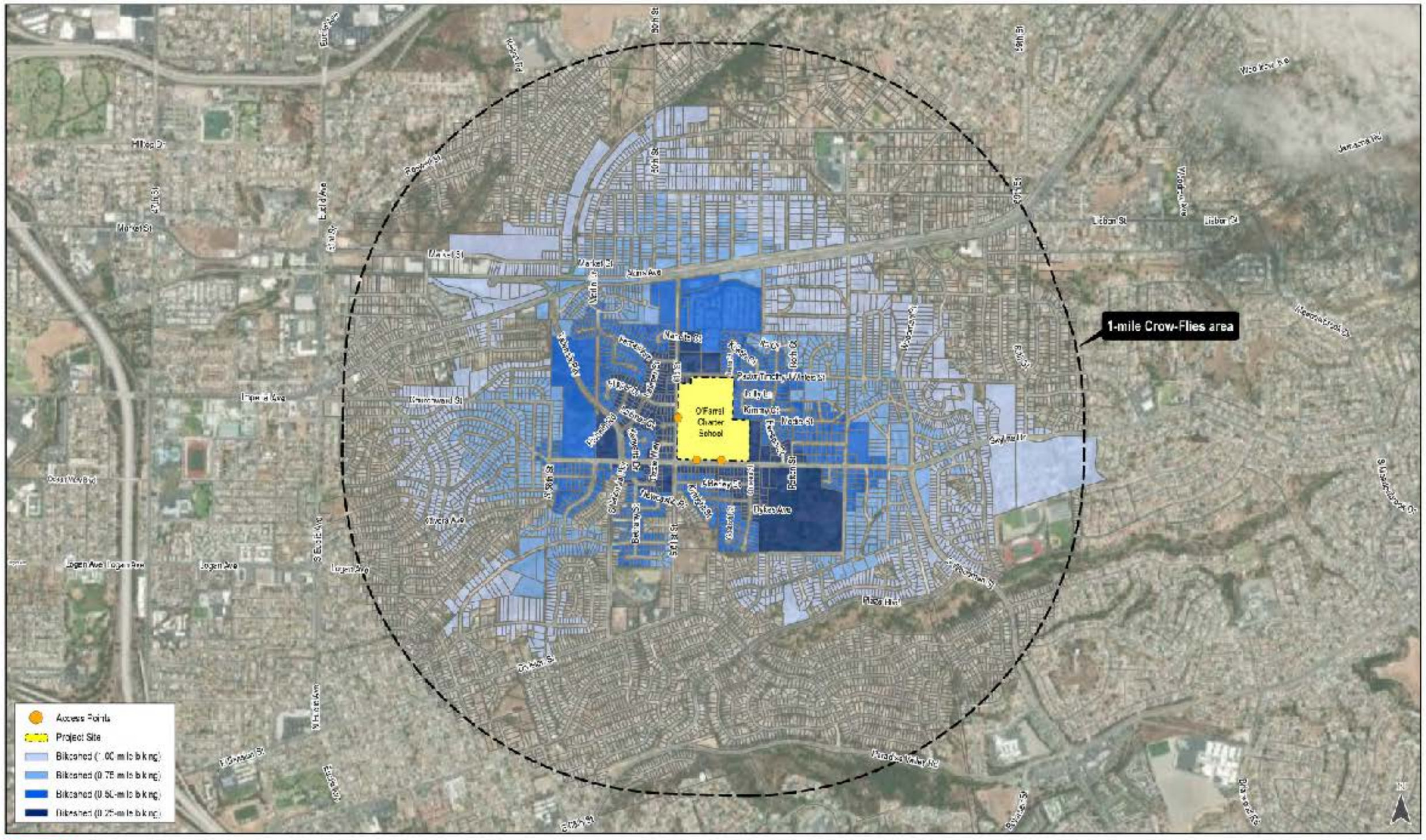


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Bike Lane (Class II)

Missing Bike Lane Links

Figure 4-3
Existing Bicycle Conditions



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Map Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Figure 4-4
Bikeshed Analysis

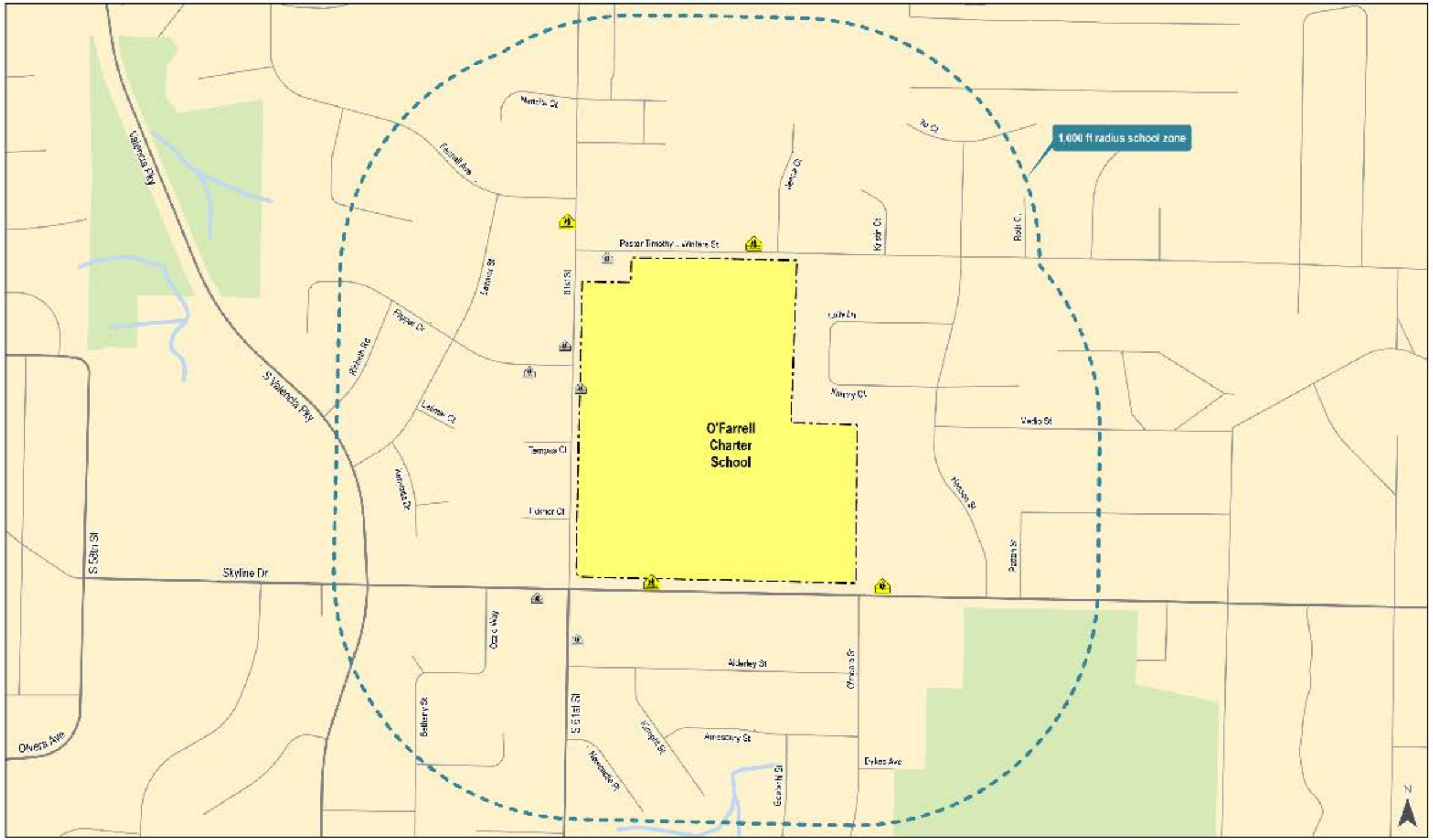


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Map Source: SFMUNI & SamTr.

Figure 4-5
Existing Transit Network

O'FARRELL CHARTER SCHOOL



Existing School Crossing Signs

Recommended School Crossing Signs

Figure 4-6
Recommended School Signs



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Map Source: SFMTA & SanGIS

Figure 4-7
School Frontage Recommendations
Pastor Timothy J Winters St

O'FARRELL CHARTER SCHOOL



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Date: 9/26/2023
Time: 3:50 PM

Map Source: SFMTA & SanGIS

Figure 4-8
School Frontage Recommendations
61st St & Pastor Timothy J Winters St

O'FARRELL CHARTER SCHOOL



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Date: 5/26/2023
Time: 3:50 PM

Map Source: SFMTA & SanGIS

Figure 4-9
School Frontage Recommendations
S 61st Street & Flipper Dr

O'FARRELL CHARTER SCHOOL

5.0 SCHOOL ZONE SAFETY EVALUATION

The objective of this section is to review safety conditions adjacent to the school area. At the end of the section, potential improvements are recommended that helps improving the overall safety and mobility conditions for all active transportation users.

5.1 Evaluation Area

There are generally two zones around the school that need to be considered for this analysis: the school zone and the school walk/bike zones.

The school zone is the area immediately adjacent from the school, typically 1,000 to 1,500 feet. This typically translates to one to two blocks in each direction from the school. Speed limits are often reduced in the school zone during morning and afternoon hours. Special signing is used, such as crossing signs, speed signs, school zone pavement markings, so that motorists know to treat the area with special care and attention. For the purposes of this report, a 1,000 foot boundary was assumed

The school walk/bike zones are typically a subset of the enrollment zone. School walk/bike zones may be defined by State or Local policy, but if not, a general rule of thumb is that the walking boundary is ½ mile (2,640 feet) and the bicycling boundary is 1-mile (5,280 feet) out from an elementary school, sometimes further for middle and high schools.

These zones relative to the O'Farrell Charter School is illustrated in ***Figure 5–1***.

The following 35 intersection within the 1,000 ft school zone were reviewed. Based on the prioritization method explained in the next sections, only 8 intersections were identified as high priority intersection and were considered for engineering review.

Figure 5–2 illustrate the reviewed intersection.

1. 61st St / Nancita Ct	2. 61st St / Fennell Ave
3. 61st St / Pastor Timothy J Winters St	4. 61st St / Flipper Dr
5. 61st St / Tempas Ct	6. 61st St / Ticknor Ct
7. 61st St / Skyline Dr	8. 61st St / Newcastle Pl
9. Jenna Ct / Pastor Timothy J Winters St	10. Kristin Ct / Pastor Timothy J Winters St
11. Henson St / Ito Ct	12. Henson St / Pastor Timothy J Winters St
13. Latimer St / Fennell Ave	14. Latimer St / Flipper Dr
15. Latimer St / Latimar Ct	16. Kenyatta Dr / Latimar St
17. Valencia Pkwy / Latimar St	18. Richeth Rd / Flipper Dr
19. Valencia Pkwy / Skyline Dr	20. Ozzie Wy / Skyline Dr
21. Bethany St / Ozzie Wy	22. O'meara St / Skyline Dr
23. Henson St / Skyline Dr	24. Patten St / Skyline Dr

25. Henson St / Lolly Ln	26. Henson St / Kimmy Ct
27. Henson St / Medio St	28. O'meara St / Amesbury St
29. O'meara St / Dykes Ave	30. Goetschl / Amesbury St
31. Kirtright St / Amesbury St	32. 61st St / Alderley st
33. Kirtright St / Alderley st	34. O'meara St / Alderley St
35. Roth Ct / Pastor Timothy J Winters St	

5.2 Historical Accident Data

The accident data was reviewed within the school zone area. Specifically, pedestrian and bicycle-related accident data was considered only. Vehicle-to-vehicle accident data was not reviewed. The data was not filtered for time of day or day of the week given accident data is generally sparse and underlying issues may not be related to temporal conditions.

Data from five (5) consecutive years (2015 to 2019) was reviewed and represents the latest available information. Accident data was retrieved from the Transportation Injury Mapping System (TIMS). This information includes information such as location of accidents, severity, time and day, road condition, parties involved, etc.

A total of eleven (7) accidents were reported. Of the reported accidents, no fatality or severe injury accident was observed. The data is attached at the end of the report.

Figure 5–3 shows location of pedestrian and bicycle accidents. Both crash frequency and severity is also included on the figure.

5.3 Predictive Safety Hotspots

Traditional approaches focus on historical accident data to identify safety deficiencies. However, the crash causality is very rarely based on a single factor, has elements of randomness, and accidents data is sparse when reviewing a focused area.



Systemic Safety is a data-driven, predictive approach. This approach groups locations that have similar traits (systemic). In lieu of deciphering location-specific patterns, crash types across a larger geographical area helps identity common physical features and correlates it to crash patterns. These are referred to as safety hotspots.

It should be noted that systemic safety is not expected to replace historical crash data review that focuses on specific locations, but rather it supplements it.

The City of San Diego Systemic Safety report (April 2019) was used as a technical basis to determine pedestrian and bicycle safety hotspots. Roadway volumes were estimated based on roadway

classification. ***Table 5–1*** demonstrates the systematic hotspots identification criteria for high-risk injury collision for pedestrian and bicyclist.

Figure 5–4 shows location of pedestrian and bicycle hotspots.

TABLE 5–1
IDENTIFICATION OF SYSTEMATIC HOTSPOTS

Pedestrian		
Number of Collisions	**Crash Scenario**	**Roadway Environment**
27	Failure to Yield – Crossing in crosswalk at intersections – Making Left-Turn	Signalized, Primary Road ADT 7,001 – 15,000 3-Lane (One-way) intersects 3-Lane (One-way) OR 3-Lane (One-way) intersects 4-Lane (2-Lane)
27	Failure to Yield – Crossing in crosswalk at intersections – Making Left-Turn	Signalized, Primary Road ADT 7,001 – 25,000 4-Lane (Two-way) intersects 2-Lane (Two-way)
17	Failure to Yield – Crossing in crosswalk at intersections – Making Left-Turn	Signalized, Primary Road ADT 15,001 – 25,000 2-Lane (Two-way) intersects 4-Lane (Two-way)
Bicyclist		
Number of Collisions	**Crash Scenario**	**Roadway Environment**
18	Bicyclist at Fault – Control Violation Through Movement	Signalized, 4-Lane intersects 2-Lane
15	Bicyclist at Fault – Control Violation Through Movement	Signalized, 4-Lane intersects 4-Lane
15	Bicyclist at Fault – Control Violation Through Movement	Side-street Stop, 2-Lane intersects 2-Lane*

** Given no guidance was given on ADT, it was assumed that intersecting, lower volume, local-serving roadways would not trigger a hotspot.*

Source: Systematic Safety: A Data-Driven Path to Vision Zero, City of San Diego, April 2019

5.4 Identifying High-Priority Improvement Locations

High priority locations were then selected for final review and potential infrastructure improvements. The high priority locations were selected based on the collective review of the data and completed analysis.

Major routes to school and community land use context was another important consideration. Residential land uses within these zones provide insight on where the student population may reside and help understand major routes to school. Park areas may also provide some input on potential destinations between student homes and the school. A land use map was obtained in digital format from the San Diego Geographic Information Source (www.sangis.org).

To assist in deciphering the data, threshold criteria was developed. A location was considered high priority if both of the following criteria were met:

High Priority Location Criteria

Criteria A **Anticipated Route to School AND Pedestrian/Bicycle Traffic Conflict**

Criteria B **Pedestrian/Bicycle Accident History OR Identified Hotspot**

Figure 5–5 illustrates the identified high priority locations. Based on the above criteria, eight (8) high-priority locations were identified out of the 35 locations within the study area. These eight (8) will be considered during the Engineering review. ***Table 5–2*** shows the selection process.

TABLE 5–2
HIGH-PRIORITY STUDY LOCATIONS

#	Intersection	Criteria A		Criteria B			High-Priority?
		Route to School?	Ped/Bike Traffic Conflict?	Pedestrian Hotspot?	Bicycle Hotspot?	Accident History?	
1	61st St / Nancita Ct	X	X				
2	61st St / Fennell Ave	X	X				
3	61st St / Pastor Timothy J Winters St	X	X				
4	61st St / Flipper Dr	X	X				
5	61st St / Tempas Ct	X	X				
6	61st St / Ticknor Ct	X	X				
7	61st St / Skyline Dr	X	X	X	X	X	X
8	61st St / Newcastle Pl	X	X				
9	Jenna Ct / Pastor Timothy J Winters St	X	X				
10	Kristin Ct / Pastor Timothy J Winters St	X	X				
11	Henson St / Ito Ct	X	X				
12	Henson St / Pastor Timothy J Winters St	X	X				
13	Latimer St / Fennell Ave	X	X				
14	Latimer St / Flipper Dr	X	X				

TABLE 5–2
HIGH-PRIORITY STUDY LOCATIONS

#	Intersection	Criteria A		Criteria B			High-Priority?
		Route to School?	Ped/Bike Traffic Conflict?	Pedestrian Hotspot?	Bicycle Hotspot?	Accident History?	
15	Latimer St / Latimar Ct	X	X				
16	Kenyatta Dr / Latimar St	X	X				
17	Valencia Pkwy / Latimar St	X	X				
18	Richeth Rd / Flipper Dr	X	X				
19	Valencia Pkwy / Skyline Dr	X	X	X	X	X	X
20	Ozzie Wy / Skyline Dr	X	X		X		X
21	Bethany St / Ozzie Wy	X	X				
22	O'meara St / Skyline Dr	X	X	X	X		X
23	Henson St / Skyline Dr	X	X		X		X
24	Patten St / Skyline Dr	X	X		X		X
25	Henson St / Lolly Ln	X	X				
26	Henson St / Kimmy Ct	X	X				
27	Henson St / Medio St	X	X				
28	O'meara St / Amesbury St	X	X				
29	O'meara St / Dykes Ave	X	X				
30	Goetschl / Amesbury St	X	X				
31	Kirtright St / Amesbury St	X	X				
32	61st St / Alderley st	X	X				
33	Kirtright St / Alderley st	X	X			X	X
34	O'meara St / Alderley St	X	X			X	X
35	Roth Ct / Pastor Timothy J Winters St	X	X				

5.5 Engineering Recommendations

The identified high-priority locations were evaluated to determine if infrastructure improvements or countermeasures were warranted. The majority of countermeasures are located within the intersection footprint or intersection influence area. Based on the City of San Diego's Systemic Safety report, these locations account for approximately 82% of the total accidents (including vehicle to vehicle).



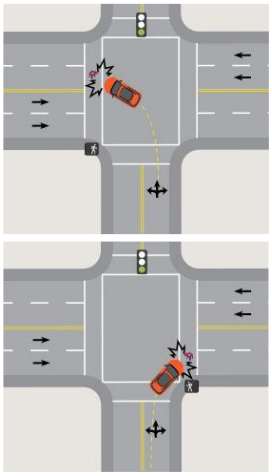
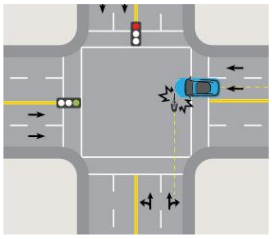
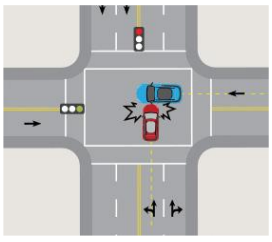
Roadway Location Nomenclature

5.6 Countermeasure Toolbox

Guidance on countermeasure selection was based on the California Local Roadway Safety Manual and the City of San Diego's Systemic Safety Report. Given identified hotspots had similar safety issues associated with each individual mode, this allows for an approach to implement a proven countermeasure systemically throughout the roadway network. **Table 5-4** highlight the hotspots, the safety issues, and potential countermeasures by travel mode.

Other pedestrian and bicycle improvements were considered as appropriate.

TABLE 5–3
HOTSPOT COUNTERMEASURES

Example	Hotspots	Countermeasures
	▪ Turning vehicle fails to yield to **pedestrian** crossing in the crosswalk at a traffic signal ▪ Signalized (permitted left turn) ▪ 3x3 (both 1-way), (1-way) 3x4, 4x2 ▪ Primary Roadway ADT: 7,001 – 25,000 (varies by lane configuration)	**Low-cost Recommendations** ▪ Leading Pedestrian Interval (LPI) with blank-out turn restriction signs (expect 60% drop in crashes)* ▪ High Visibility Pedestrian Crosswalks (expect 40% drop in crashes)* ▪ Pedestrian Countdown Signal Heads (expect 25% drop in crashes)* ▪ Left Turn Lane ▪ Other improvements as appropriate **Higher-cost Recommendations** ▪ Left Turn Lane and Protected Left Turn Phase (expect 55% drop in crashes)* ▪ Flashing Yellow Arrows (expect 36.5% drop in crashes)* ▪ Roundabout (expect 35-67% drop in crashes)*
	▪ **Bicyclist** proceeding straight and not stopping at a red light or stop sign ▪ Signalized 4x4, 4x2 ▪ Stop-controlled 2x2	**Low-cost Recommendation** ▪ Robust detection and robust detector maintenance ▪ Other bicycle infrastructure as appropriate **Higher-cost Recommendation** ▪ Roundabout (expect 35-67% drop in crashes)* or other bicycle infrastructure as appropriate
	▪ **Vehicle** proceeding straight and not stopping at a red light. ▪ Signalized 4x2, 4x4, 6x4, 3x3 (both 1-way) ▪ Primary and Secondary Roadway ADT varies by lane configuration	**Low-cost Recommendation** ▪ Reflective border around traffic signal heads (expect 15% drop in crashes)* ▪ Other improvements as appropriate **Higher-cost Recommendation** ▪ Roundabout (expect 35-67% drop in crashes)* ▪ Other improvements as appropriate

**Expected drop in crashes are taken from the California Local Roadway Safety Manual.*
http://www.dot.ca.gov/hq/LocalPrograms/HSIP/2016/CA-LRSM.pdf
Source: Systematic Safety: A Data-Driven Path to Vision Zero, City of San Diego, April 2019

5.7 Infrastructure Recommendations

The City-Oriented recommendations were selected outside the immediate school vicinity and involves improvements with larger scopes of work (i.e. along corridors) and will most likely require grant funding. Improvement were determined critical if located within the School Zone (i.e. 1,000 feet) and/or triggered both the accident history and hotspots criteria.

Table 5–5 lists the recommended engineering countermeasures

TABLE 5–4
CITY-ORIENTED RECOMMENDATIONS

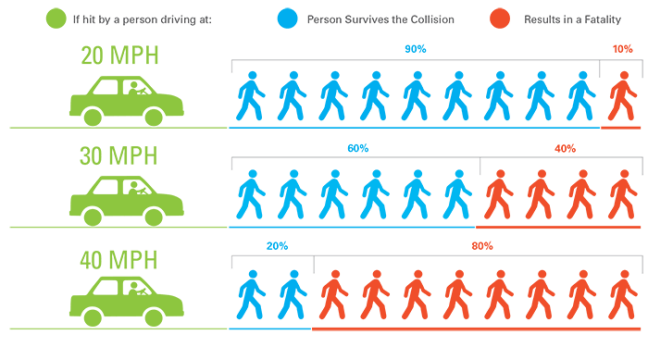
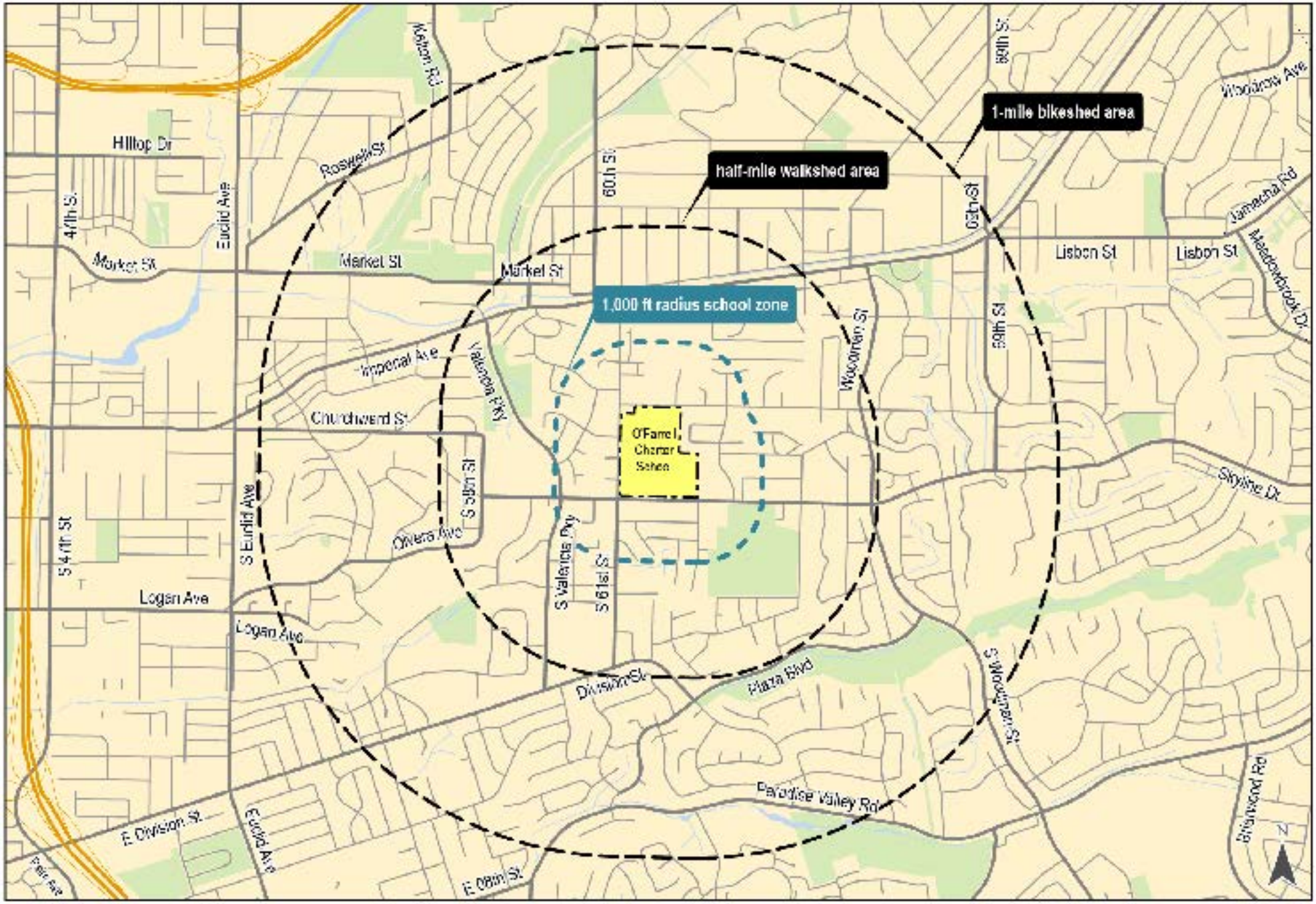
#	Intersection	Recommendation	Figure
n/a	Immediate Vicinity or within School Zone (within 1,000 feet from school)	**Trigger** ▪ Vision Zero for Youth initiative that focuses on safety and efforts to slow traffic speeds where children travel ▪ Pedestrian/bicycle deficiencies identified during evaluation **Recommendations** ▪ Conduct a Speed Survey within the School Zone to identify prevailing speeds. Provide recommendations for Traffic Calming measures for any prevailing speeds over 20MPH to reduce the probability of severe injury or fatality.  Vehicle Speed comparison to Pedestrian Injury and Fatality source: San Francisco MTA Vision Zero Action Plan,	n/a
7	61st St / Skyline Dr	**Trigger** ▪ Anticipated Route to School ▪ Pedestrian Hotspot ▪ Bicycle Hotspot ▪ Pedestrian Accident History **Recommendation** ▪ Install Lead Pedestrian/Bicycle Interval (LPI/LBI) signal phasing ▪ Install Pedestrian Countdown Signal Head ▪ Extend bike lane from existing location on east side of the intersection to the stop line on the same side. ▪ Install Red Curb (No parking zone) on the northwest corner of the intersection to improve Corner Sight Visibility	Figure 5-6

TABLE 5–4
CITY-ORIENTED RECOMMENDATIONS

#	Intersection	Recommendation	Figure
19	Valencia Pkwy / Skyline Dr	**Trigger** ▪ Anticipated Route to School ▪ Pedestrian Hotspot ▪ Bicycle Hotspot ▪ Bicycle Accident History **Recommendations** ▪ Install Lead Pedestrian/Bicycle Interval (LPI/LBI) signal phasing ▪ Install Pedestrian Countdown Signal Head ▪ Install Red Curb (No parking zone) on the southeast corner of the intersection to improve Corner Sight Visibility ▪ Install median on Valencia Pkwy on the south side of the intersection ▪ Move the westbound bike lane from center of the roadway to right side of the roadway ▪ Move the stop bars away from the crossing location	Figure 5-7
20	Ozzie Wy / Skyline Dr	**Trigger** ▪ Anticipated Route to School ▪ Bicycle Hotspots **Recommendation** ▪ Install High-Visibility Crosswalks on Ozzie Way ▪ Install bike lane connections across Ozzie Way ▪ Install Red Curb (No parking zone) on the east and west corner of the intersection to improve Corner Sight Visibility	Figure 5-8
22	O'meara St / Skyline Dr	**Trigger** ▪ Anticipated Route to School ▪ Pedestrian Hotspot ▪ Bicycle Hotspot **Recommendations** ▪ Extend the bike across the intersection on the north side ▪ Extend the bike lane on the south side from exiting location to the stop bar on the east side ▪ Install Red Curb (No parking zone) on the north side of the intersection to improve visibility ▪ Install Red Curb (No parking zone) on the south side of the intersection on both corners to improve corner sight visibility visibility	Figure 5-9

TABLE 5–4
CITY-ORIENTED RECOMMENDATIONS

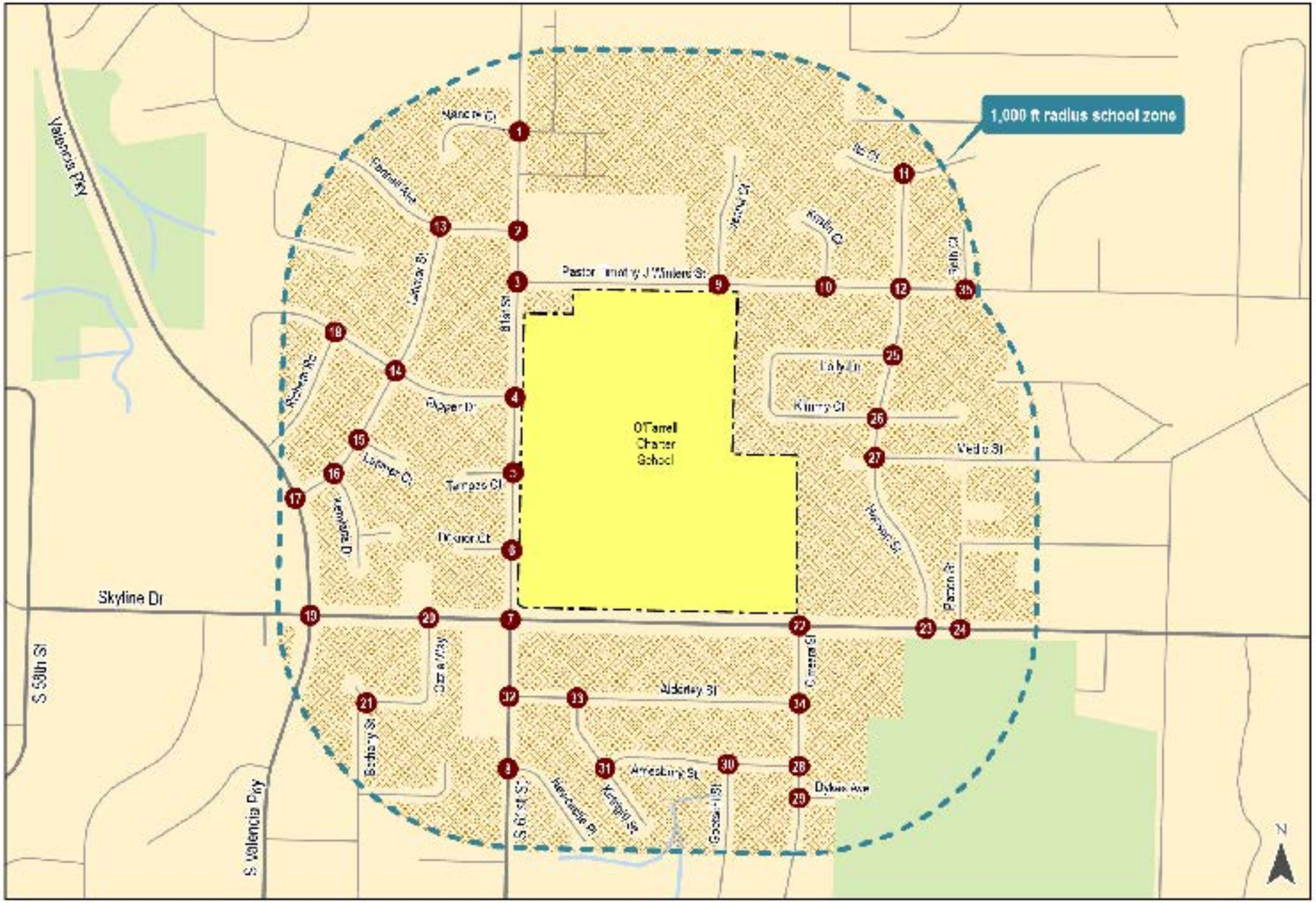
#	Intersection	Recommendation	Figure
23 & 24	Henson St / Skyline Dr & Patten St / Skyline Dr	**Trigger** ▪ Anticipated Route to School ▪ Bicycle Hotspot **Recommendations** ▪ Extend the bike across both intersection on the north side ▪ Install High Visibility Crosswalk (HVC) across both intersections ▪ Install Red Curb (No parking zone) on both corners of all three intersecting roadways to improve corner sight visibility	Figure 5-10
33	Kirtright St / Alderley st	**Trigger** ▪ Anticipated Route to School ▪ Pedestrian Accident History **Recommendations** ▪ Install Red Curb (No parking zone) on both corners of the intersection on the south side to improve corner sight visibility ▪ Install Red Curb (No parking zone) on the north side of the intersection to improve sight visibility	Figure 5-11
34	O'meara / Alderley st	**Trigger** ▪ Anticipated Route to School ▪ Pedestrian Accident History **Recommendations** ▪ Install Red Curb (No parking zone) on both corners of the intersection on the west side to improve corner sight visibility ▪ Install Red Curb (No parking zone) on the east side of the intersection to improve sight visibility	Figure 5-12



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Figure 5-1
Evaluation Study Area

O'FARRELL CHARTER SCHOOL

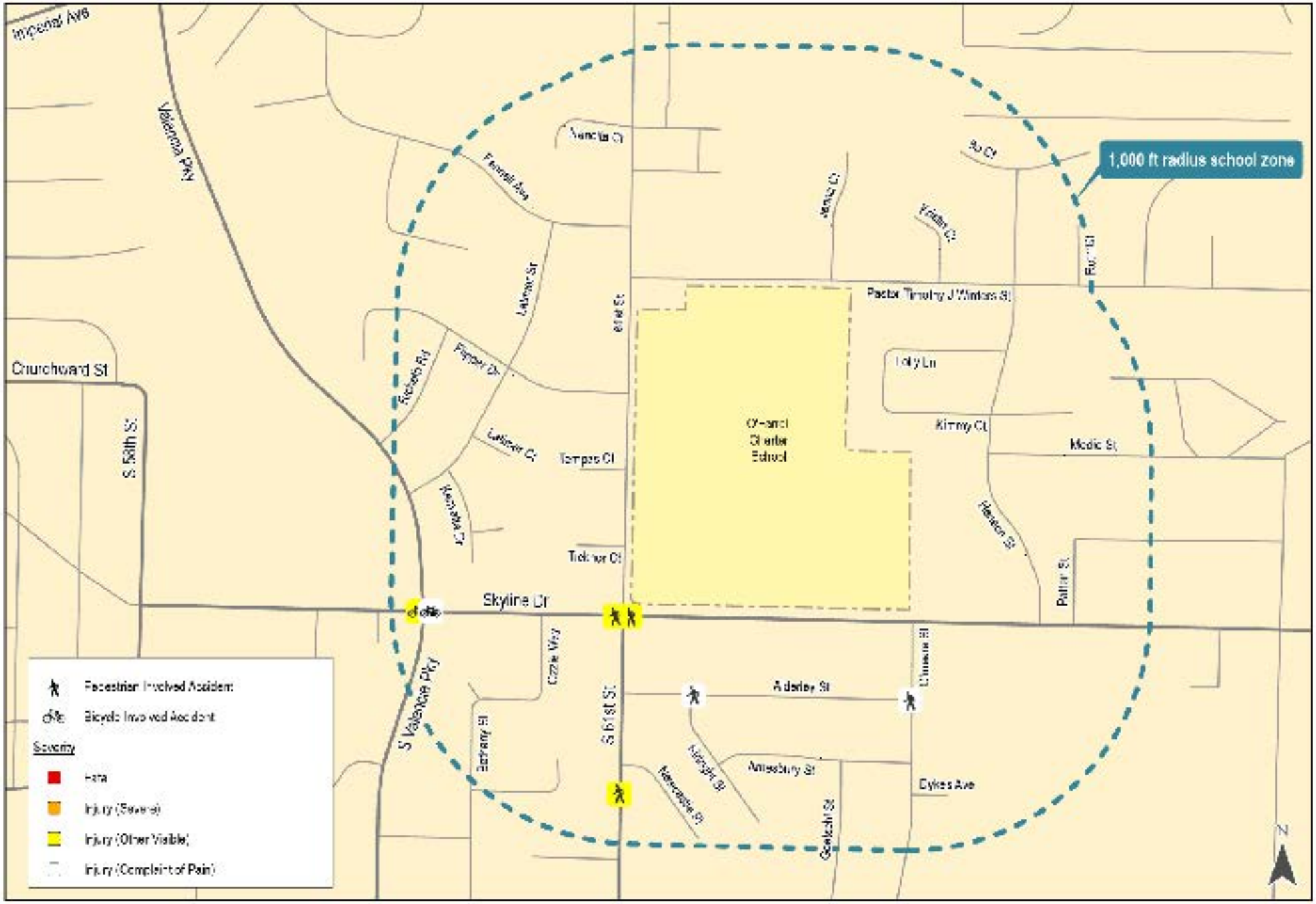


Study Intersections

Residential Land Use

Figure 5-2
Evaluation Intersection

O'FARRELL CHARTER SCHOOL



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Figure 5-3
Pedestrian and Bicycle Accidents

O'FARRELL CHARTER SCHOOL



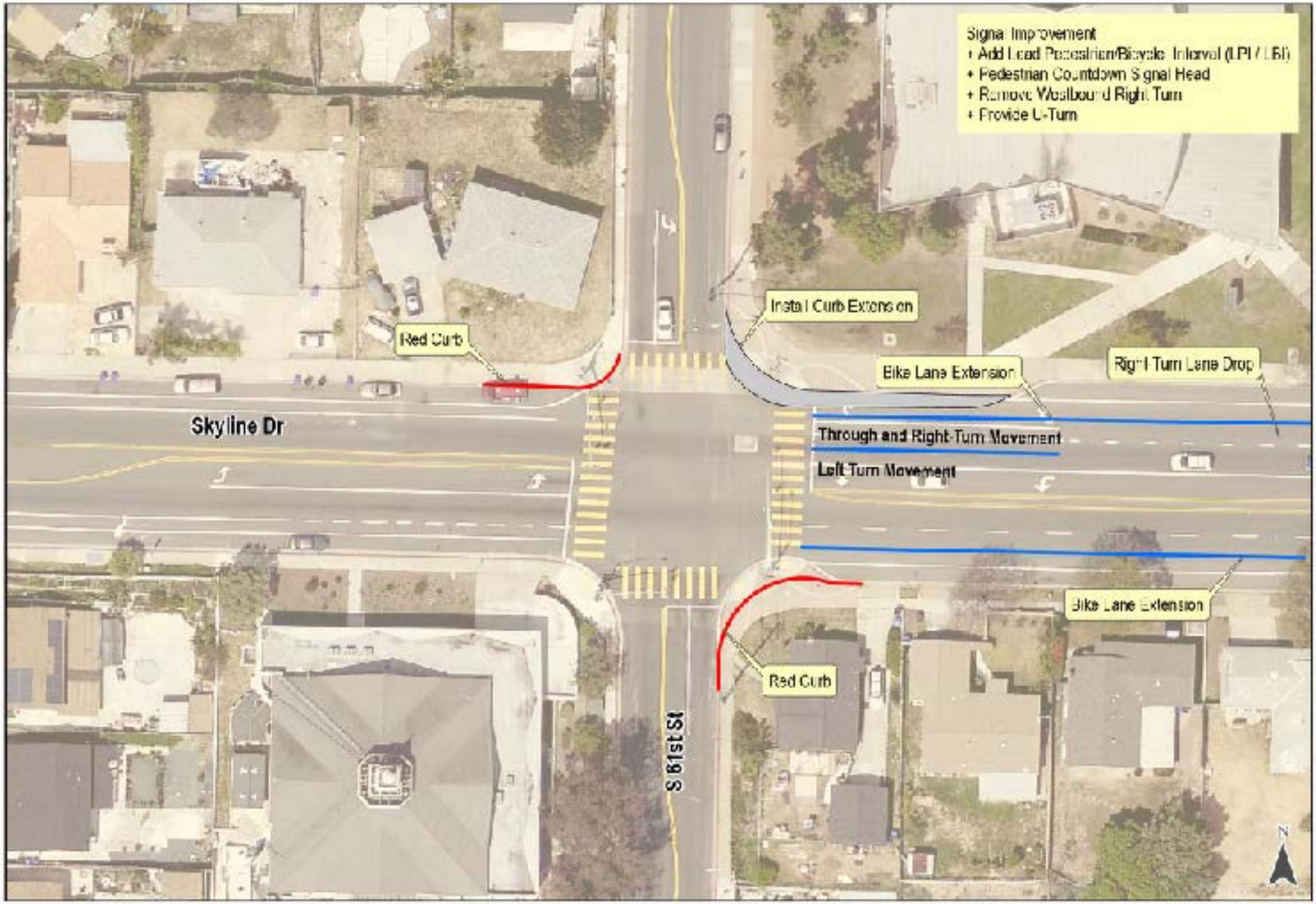
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Figure 5-4
Pedestrian & Bicycle Hotspots



Figure 5-5
High-Priority Intersections

O'FARRELL CHARTER SCHOOL



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engineers

Date: 9/26/2023
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Map Source: BRMUNG & Sanborn

Figure 5-6
Recommendations
7. S 61st St / Skyline Dr

O'FARRELL CHARTER SCHOOL



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Time: 3:31 PM

Map Source: BRMJMG & Bing Maps

Figure 5-7
Recommendations
19. Valencia Pkwy / Skyline Dr

O'FARRELL CHARTER SCHOOL



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Map Source: SFMTA & Sanborn

Figure 5-8
Recommendations
20. S 61st Street / Skyline Dr

O'FARRELL CHARTER SCHOOL



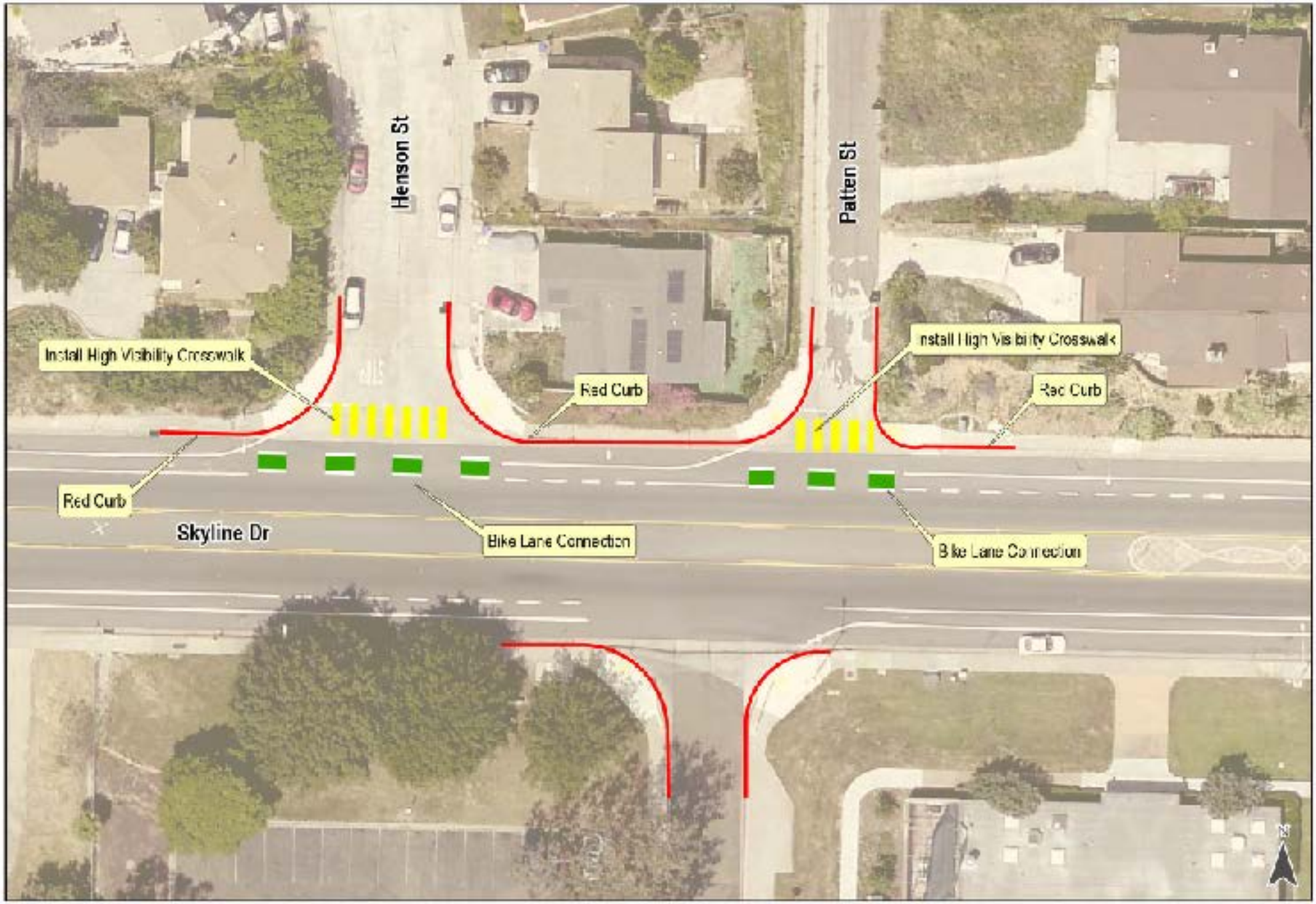
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Map Source: Source: Esri, Maxar, GeoEye, Earthstar

Figure 5-17
Recommendations
22. O'Meara / Skyline Dr

O'FARRELL CHARTER SCHOOL



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Figure 5-10
Recommendations
23. Henson St / Skyline Dr & 24. Patten St / Skyline Dr
O'FARRELL CHARTER SCHOOL

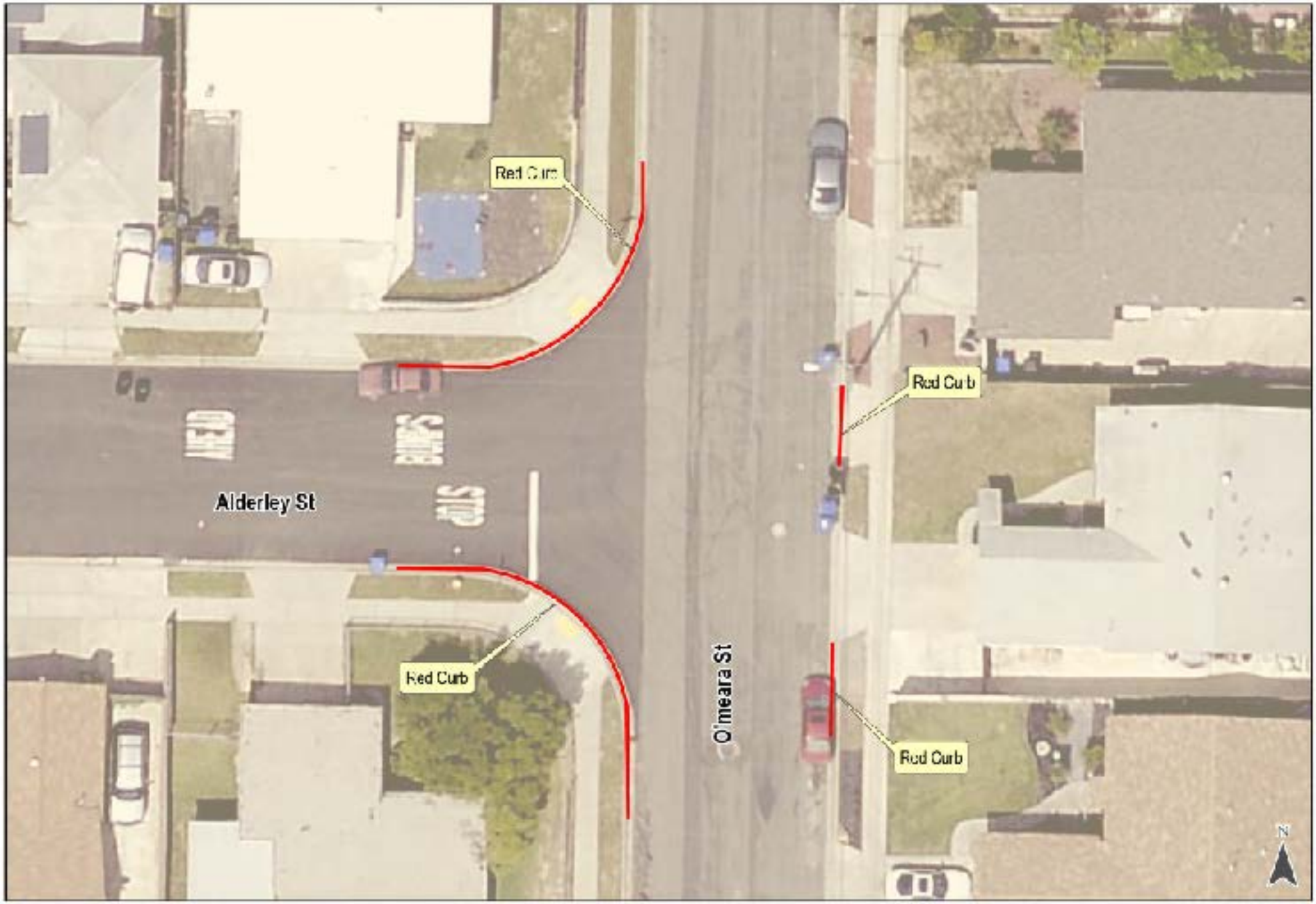


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Figure 5-11
Recommendations
33. Kirkright St / Alderley St

O'FARRELL CHARTER SCHOOL



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Figure 5-12
Recommendations
34. O'meara St / Alderley St

O'FARRELL CHARTER SCHOOL