To:	Riverside County
From:	Alex J. Garber, Maryam Javanmardi, Tanya Kalaskar, EPD Solutions Inc.
Date:	1/29/2026
Site:	21765 Temescal Canyon Road, Riverside County EPD Project Number 24-038
Re:	Air Quality, Energy, and Greenhouse Gas Impact Analysis for the Temescal Canyon Rd Project, EPD Project Number 24-038

This technical memorandum presents an analysis of the air quality, energy, and greenhouse gas (GHG) impacts of the proposed Project, located at 21765 Temescal Canyon Road in Riverside County. The proposed Project involves demolishing the two existing buildings on-site (consisting of the 11,501-square-foot (SF) Empire Recreational Rentals shop and the 2,615 SF All Four-Wheel Drive auto repair shop) and replacing them with a three-story 103,195 SF self-storage unit building. The proposed building would consist of 33,379 SF of self-storage area and 942 SF of office space on the first floor; 34,437 SF of self-storage area on the second floor; and 34,437 SF of self-storage area on the third floor. The proposed Project would include 718 storage units; however, the building storage unit number could expand to 825 units within the same total building square footage. Therefore, as a conservative approach, this memorandum analyzes the Project assuming 825 units. See Figure 1, *Project Site Plan*.

To support the California Environmental Quality Act (CEQA) document for the proposed Project, this report analyzes the proposed Project's construction and net operational impacts to air quality (emissions of criterial pollutants), energy, and GHG using the California Emissions Estimator Model (CalEEMod Version 2022.1) land use emission model and Emission Factor (EMFAC Version 2021) model. Table 1 shows the estimated construction schedule, which is expected to last approximately 15 months.

Table 1. Construction Schedule

Activity	Start Date	End Date	Total Days
Demolition	8/1/2025	8/29/2025	20
Site Preparation	8/30/2025	9/5/2025	5
Grading	9/6/2025	9/17/2025	8
Building Construction	9/18/2025	9/16/2026	260
Paving	9/17/2026	10/12/2026	18
Architectural Coating	10/13/2026	11/5/2026	18

Source: CalEEMod Sheets (attached)

The following non-default assumptions were used in the CalEEMod Emissions Model and EMFAC model for this analysis:

- Land Use: The lot acreage was adjusted to be consistent with the site plans provided by the client.
- Construction: Building construction workdays were adjusted to 260 days based on the construction schedule provided by the client.

- Construction: It was assumed that all construction equipment would be used 8 hours a day per workday. tractor/loaders/backhoes were replaced with crawler tractors in the site preparation and grading construction phases of the models.
- Construction: The total material imported is assumed to be 1,850 cubic yards (CY), which is the estimated amount for grading for this project.
- Demolition: Demolition tons of debris was calculated incorporating the volume of the existing building and the volume of the hardscape needed to be removed. This calculation can be found in Appendix C, *Demolition Calculation*. The total amount of demolition would be 4,589 tons of debris.
- Operation: Weekday, Saturday, and Sunday rates were adjusted based on the Institute of Transportation Engineers (ITE) *Trip Generation Manual, 11th Edition*.
- Operation: In the non-default assumptions, cement and mortar mixer horsepower hours were calculated using off-highway trucks.

Summary of Conclusions

Air Quality

The proposed Project's maximum daily emissions (regional and local) for construction and operation would not exceed the South Coast Air Quality Management District's (SCAQMD) regional thresholds of significance. In addition, all construction activities would comply with applicable SCAQMD rules and regulations, including Rule 402, Rule 403, and Rule 1113:

- Rule 402, Public Nuisance: Prohibits the discharge of air contaminants that cause injury, nuisance, or annoyance to the public or damage to property.
- Rule 403, Fugitive Dust: Aims to minimize fugitive particulate matter dust emissions during construction activities.
- Rule 1113, Architectural Coatings: Allows only low-volatile organic compounds (VOC) paints to be used.

Projects that do not exceed the regional thresholds are assumed to not have a significant impact on both a project level and cumulative level. The proposed Project aligns with SCAQMD'S 2022 AQMP, reflecting adherence to regional air quality management goals and standards. Furthermore, odors produced by construction of the proposed Project would be minimal and temporary, and those produced from operation of the Project would be minimal because the proposed Project involves land uses that typically do not generate significant odor complaints. Therefore, the proposed Project would have less-than-significant air quality impacts.

Energy

Through compliance with existing standards, the proposed Project would not result in a fuel demand on a per-development basis that is greater than other development projects in Southern California. There are no unusual Project characteristics that would cause the use of construction equipment that would be less energy efficient compared with other similar construction sites in other parts of the State. The operation of the proposed Project would also be similar to other industrial projects and would comply with Title 24 as well as all applicable City business and energy codes and ordinances.

GHG Emissions

Finally, the proposed Project's construction and operational GHG emissions would total 661 metric tons of carbon dioxide equivalent ($MTCO_2e$). Considering the emissions resulting from the existing buildings, the net new emissions generated by the proposed Project would be 92 fewer $MTCO_2e$ per year than existing conditions, which is below the SCAQMD significance threshold of a net increase of 3,000 $MTCO_2e$ per year. Therefore, the proposed Project would have a less-than-significant impact on GHG emissions.

Air Quality

Regional Emissions

The SCAQMD has adopted maximum daily emission thresholds (pounds/day) for the criteria pollutants during construction and operation of a project.[1] While incremental regional air quality impacts of an individual project are generally very small and difficult to measure, SCAQMD's regional maximum emission thresholds set standards to reduce the burden of SCAQMD to attain and maintain ambient air quality standards. The regional thresholds apply to the criteria pollutants mentioned in Table 2 and Table 3 along with the CalEEMod Projects emissions. These emission thresholds include the project emissions generated both from on-site sources (such as off-road construction equipment and fugitive dust) and off-site sources (vehicle travel leaving and arriving to the site). As shown in Table 2 and Table 3, the proposed Project would have less-than-significant regional air quality impacts.

Table 2. Regional Construction Emission Estimates

Construction Activity	Maximum Daily Regional Emissions (pounds/day)					
	ROG	NOx	CO	SOx	PM_{10}	$PM_{2.5}$
2025						
Demolition	1.6	18.4	17.1	0.1	5.0	1.4
Site Prep	1.4	12.5	12.4	<0.1	1.3	0.7
Grading	2.0	19.5	17.4	<0.1	3.8	2.0
Building Construction	1.5	11.9	16.1	<0.1	1.1	0.6
Maximum Daily Emissions	2.0	19.5	17.4	0.1	5.0	2.0
2026						
Building Construction	1.4	11.3	15.8	<0.1	1.1	0.5
Paving	0.3	0.1	1.1	<0.1	0.2	0.0
Architectural Coating	54.4	1.2	2.0	<0.1	0.1	0.1
Maximum Daily Emissions	54.4	11.3	15.8	<0.1	1.1	0.5
Maximum Daily Emission 2024-2025	**54.4**	**19.5**	**17.4**	**0.1**	**5.0**	**2.0**
SCAQMD Significance Thresholds	75	100	550	150	150	55
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: CalEEMod Sheets (attached)

[1] SCAQMD March 2023. Referenced at https://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf?sfvrsn=25.

Table 3. Regional Operational Emission Estimates

Operational Activity	Maximum Daily Regional Emissions (pounds/day)					
	ROG	NOx	CO	SOx	PM_{10}	$PM_{2.5}$
Mobile	0.9	1.1	10.2	<0.1	2.4	0.6
Area	3.2	<0.1	4.5	<0.1	0.0	0.0
Energy	<0.1	0.5	0.4	<0.1	0.0	0.0
Total Proposed Project Operational Emissions	**4.1**	**1.6**	**15.1**	**<0.1**	**2.4**	**0.7**
Existing Use Operational Emissions	0.9	0.7	6.3	<0.1	1.3	0.3
Net New Emissions	**3.2**	**1.1**	**8.9**	<0.1	**1.1**	**0.3**
SCAQMD Significance Thresholds	*55*	*55*	*550*	150	150	*55*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: CalEEMod Sheets (attached)

Local Emissions

Localized significance thresholds (LSTs) were also adopted by the SCAQMD due to project-related construction or operational air emissions having the potential to exceed the state and national air quality standards in the project vicinity, while not exceeding the regional emission significance thresholds adopted by the SCAQMD. These thresholds set the maximum rates of daily construction or operational emissions from a project site that would not exceed a national or State ambient air quality standard.[2] The differences between regional thresholds and LSTs are as follows:

1. Regional thresholds include all sources of project construction and operational emissions generated from on-site and off-site emission sources whereas the LSTs only consider the emissions generated from on-site emission sources.
2. LSTs only apply to CO, NOx, PM_{10}, and $PM_{2.5}$, while regional thresholds include both ROG and SO_X.
3. Regional Thresholds apply to emission sources located anywhere within the SCAQMD whereas the LSTs are location dependent and depend on the size of the project and emission location relative to the nearest sensitive receptor.

SCAQMD provides screening tables (Appendix C of the SCAQMD 2008 Final Localized Significance Threshold Methodology) for projects that disturb less than or equal to 5 acres in a day.[3] These tables were created to easily determine if the daily emissions of NO_x, CO, PM_{10}, and $PM_{2.5}$ from a project could result in a significant impact to local air quality. The thresholds are determined by:

- Source receptor area (SRA), the geographic area within the SCAQMD that can act as both a source of emissions and a receptor of emission impacts (the proposed Project is located within SRA 22, Norco/Corona);
- Size of grading disturbance (construction)/size of the Project (operation); and

[2] SCAQMD. (2008). Final Localized Significance Threshold Methodology. http://www.aqmd.gov/docs/defaultsource/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf.

[3] SCAQMD. (2008). Final Localized Significance Threshold Methodology Appendix C. http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/appendix-c-mass-rate-lst-look-up-tables.pdf?sfvrsn=2.

- Distance to the nearest sensitive receptor. A sensitive receptor is defined as an individual who is most susceptible to negative health effects when exposed to air pollutants including children, the elderly, and adults with chronic health issues. Such receptors include residences, schools, elderly care centers, and hospitals.

Table 4 shows the amount of grading that would occur during the site preparation and grading phases. As shown in Table 4, the phase with the most ground disturbance would be the site preparation phase, with a disturbance of 2 acres per day of grading. The construction thresholds per acreage were interpolated from Appendix C using the thresholds for 2 acres. Distance to the nearest sensitive receptor also determines the emission thresholds. The sensitive receptors closest to the proposed Project site include apartment building approximately 5 meters (15 feet) north of the proposed Project boundary; therefore, the operational thresholds for the minimum distance (25 meters) in the 2-acre table from Appendix C were used. Table 5, *Localized Construction Emission Estimates*, show the thresholds and estimated maximum daily construction emissions for the proposed Project. As shown in Table 5, the proposed Project would result in a less-than-significant localized construction air quality impact.

Table 4. Construction Equipment Modeled in CalEEMod and Acres Disturbed per Day

Activity	Equipment Type	Equipment Quantity	Operating Hours per Day	Acres Disturbed per Piece of Equipment per Day	Acres Disturbed per Day
Demolition	Concrete/Industrial Saws	1	8	0	0
	Rubber Tired Dozers	1	8	0.5	0.5
	Tractors/Loaders/Backhoes	0	0	0	0
				Total Acres Disturbed Per Day	**0.5**
Site Preparation	Crawler Tractors	1	8	0.5	0.5
	Graders	1	8	0.5	0.5
	Scrapers	1	8	0.5	0.5
				Total Acres Disturbed Per Day	**1.5**
Grading	Graders	1	8	0.5	0.5
	Rubber Tired Dozers	1	8	0.5	0.5
	Crawler Tractors	2	8	0.5	1
				Total Acres Disturbed Per Day	**2**

Table 5. Localized Construction Emission Estimates

Construction Activity	Maximum Daily Localized Emissions (pounds/day)			
	NO_x	CO	PM_{10}	$PM_{2.5}$
2025				
Demolition	13.9	15.1	3.7	1.0
Site Prep	12.5	11.8	1.2	0.6
Grading	17.3	16.1	3.1	1.8
Building Construction	22.1	25.2	0.8	0.8
Maximum Daily Emissions	22.1	25.2	3.7	1.8
2026				
Building Construction	10.5	12.5	0.4	0.3
Paving	5.9	8.2	0.2	0.2
Architectural Coating	1.1	1.5	<0.1	<0.1
Maximum Daily Emissions	10.5	12.5	0.4	0.3
Maximum Daily Emission 2025-2026	**22.1**	**25.2**	**3.7**	**1.8**
SCAQMD Significance Thresholds	170	1,007	6	5
Threshold Exceeded?	**No**	**No**	**No**	**No**

Source: CalEEMod Sheets (attached)

According to the SCAQMD LST methodology, LSTs apply to Project stationary and on-site mobile sources. Projects that involve mobile sources that spend extended periods queuing and idling at a site, such as transfer facilities or warehousing and distribution buildings, have the potential to exceed the operational localized significance thresholds. The proposed Project would not involve trucks regularly idling or queueing for extended periods. Therefore, due to the lack of significant stationary source emissions, impacts related to operational localized significance thresholds would be less than significant.

Air Quality Management Plan Consistency

SCAQMD has adopted a series of Air Quality Management Plans (AQMPs) to meet the state and federal ambient air quality standards, including the *Federal Particulate Matter Attainment Plan* and the *Ozone Attainment Plan*, to resume the South Coast Air Basin's federal and state attainment status for PM_{10} and Ozone. AQMPs are updated regularly to reduce emissions, accommodate growth, and reduce economic impacts as a result of air quality. Currently, SCAQMD has adopted the 2022 AQMP. The 2022 AQMP is focused on attaining the 2015 8-hour ozone standard of 70 parts per billion. The 2022 AQMP builds upon measures already in place from previous AQMPs. It also includes a variety of additional strategies such as regulation, accelerated deployment of available cleaner technologies (e.g., zero emissions technologies, when cost-effective and feasible, and low NOx technologies in other applications), best management practices, co-benefits from existing programs (e.g., climate and energy efficiency), incentives, and other Clean Air Act measures to achieve the 2015 8-hour ozone standard.

SCAQMD's CEQA Handbook provides the following two criteria to determine whether a project would be consistent or in conflict with the AQMP:

> The Project would not generate population and employment growth that would be inconsistent with Southern California Association of Governments (SCAG)'s growth forecasts. The Project would not result in an increase in the frequency or severity of existing air quality violations or cause or

contribute to new violations or delay the timely attainment of air quality standards or the interim emissions reductions specified in the AQMP.

Consistency Criterion No. 1 refers to the SCAG's growth forecasts and associated assumptions included in the AQMP. The future air quality levels projected in the AQMP are based on SCAG's growth projections, which are based, in part, on the general plans of cities located within the SCAG region. Therefore, if the level of housing and employment growth related to a project is consistent with the applicable assumptions used in the development of the AQMP, the project would not jeopardize attainment of the air quality levels identified in the AQMP.

The Project site has a General Plan Land Use designation of Commercial Retail (CR). The proposed Project includes a General Plan Amendment to Community Development: Commercial Office (CD:CO) for development of the proposed self-storage facility. The proposed Project would require 2 employees during daytime operational hours. It is anticipated that the employment base for both the construction and operational phases of the proposed Project would come from the existing population in the region. Thus, the proposed Project would not induce population growth or growth in the area. Therefore, implementation of the Project would not exceed the growth assumptions for the Project site. As a result, the proposed Project would be consistent with Criterion 1.

Consistency Criterion No. 2 refers to the California Ambient Air Quality Standards. An impact would occur if the long-term emissions associated with the proposed Project would exceed SCAQMD's regional significance thresholds for operation-phase emissions.

As presented in Table 3, operation of the proposed Project would result in emissions that do not exceed any SCAQMD thresholds. Therefore, the proposed Project would be consistent with Criterion No. 2.

As the Project would be consistent with both Criterion No. 1 and 2, impacts related to consistency with the AQMP would be less than significant.

Odors

Odors would be produced during the construction of the proposed Project due to the operation of heavy-duty off-road equipment. The primary odor emitted would be diesel particulate matter (DPM) from the vendor trucks and heavy-duty off-road equipment. This odor may be noticeable by nearby residents; however, these odors would be expected and not necessarily objectionable. These odors would also dissipate quickly and would be temporary. Therefore, due to the nature of the odor produced during construction as temporary and non-objectionable to a substantial number of people, the odor impact from construction of the proposed Project would be less than significant.

For operational odor emissions, SCAQMD's *CEQA Air Quality Handbook* describes odor complaints associated with the following land uses:

- Agricultural Uses
- Chemical Plants
- Composting Activities
- Dairies
- Fiberglass Molding
- Food processing plants
- Landfills
- Refineries
- Wastewater Treatment Plants

The Project does not propose any of the above land uses and is required to comply with SCAQMD Rule 402, *Nuisance*, which states:

> *A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health, or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property. The provisions of this rule shall not apply to odors emanating from agricultural operations necessary for the growing of crops or the raising of fowl or animals.*

Thus, impacts associated with odor produced by operation of the proposed Project would be less than significant.

Conclusion

The proposed Project's maximum daily regional and localized construction and operational emissions would not exceed SCAQMD's regional thresholds of significance, as detailed in Tables 2 through 5. All construction activities will comply with applicable SCAQMD rules and regulations, ensuring minimal and temporary odor exposure during construction. Operational impacts are anticipated to be minimal and consistent with surrounding land uses, resulting in a less than significant air quality impact without requiring mitigation.

In addition, the proposed Project is consistent with SCAQMD'S 2022 AQMP, reflecting adherence to regional air quality management goals and standards. During construction, any odors produced will be temporary and not significantly objectionable. The proposed Project involves land uses that typically do not generate significant odor complaints and complies with SCAQMD Rule 402, which addresses potential odor impacts. Therefore, the proposed Project's impact related to odor is expected to be less than significant.

Energy

The State CEQA Guidelines do not have specific thresholds for energy consumption. Rather, the question in Appendix G, Section VI, Energy (a), asks, "[Would the proposed Project] Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation?" Therefore, for the purpose of this analysis, a significant impact would occur if:

> The Project design and/or location encourages wasteful, inefficient, and unnecessary consumption of energy, especially with fossil fuels such as coal, natural gas, and petroleum, as well as the use of fuel by vehicles anticipated to travel to and from the project.

Southern California Edison and Southern California Gas Company would provide electricity and natural gas, respectively, for construction and operation of the proposed Project. The following assumptions were used to calculate the energy (electricity, natural gas, and petroleum) consumption of the proposed Project:

- Construction equipment fuel consumption was derived from the CARB OffRoad2021 emission model.
- Fuel consumption from vehicle travel was derived from the CARB EMFAC2021 emission model.
- Electrical and natural gas usage was derived from the CalEEMod model.

Construction

Electricity and Natural Gas Usage

Due to the proposed Project size and that construction is temporary, the electricity usage during construction would be substantially less than that required for Project operation and would have a negligible contribution to the Project's overall energy consumption. The electric power used would be for as-necessary lighting and electronic equipment such as computers inside temporary construction trailers. Natural gas is not anticipated to be needed for construction activities. Any consumption of natural gas would be minor and negligible in comparison to the operation of the proposed Project.

Petroleum Fuel Usage

The equipment associated with construction activities (off-road/heavy-duty vehicles) would largely rely on diesel fuel as would vendor and haul trucks involved in delivering building materials and removing demolition debris from the proposed Project site. Construction workers would travel to and from the proposed Project site throughout the duration of construction, and for a conservative analysis, it is assumed that construction workers would travel in gasoline-powered passenger vehicles.

Table 6 lists the total fuel consumption and horsepower-hour data contained within the CARB OffRoad2021 emission model for specific types of diesel construction equipment. It should be noted that this total fuel consumption is a conservative analysis and would likely overstate the amount of fuel usage, as specific construction equipment is not expected to operate during the entire duration of the construction activity (e.g., crane). Table 7 summarizes the proposed Project's construction vehicle fuel usage based on vehicle miles traveled and fuel usage factors contained in the CARB EMFAC2021. The trips included are those of worker vehicles, vendor vehicles, and haul vehicles. Table 8 shows the overall fuel consumption for construction of the proposed Project.

Table 6: Construction Equipment Fuel Usage

Activity	Equipment	Number	Hours per day	Horse-power	Load Factor	Days of Construction	Total Horsepower-hours	Fuel Rate (gal/hp-hr)	Fuel Use (gallons)
Demolition	Rubber Tired Dozers	1	8	367	0.4	20	23,488	0.04745478	1,115
	Concrete/Industrial Saws	1	8	33	0.73	20	3,854	0.04204565	162
	Tractors/Loaders/Backhoes	3	8	84	0.37	20	14,918	0.07302087	1,089
Site Preparation	Crawler Tractors	1	8	87	0.43	5	1,496	0.05048826	76
	Graders	1	8	148	0.41	5	2,427	0.05153929	125
	Scrapers	1	8	423	0.48	5	8,122	0.04809065	391
Grading	Graders	1	8	148	0.41	8	3,884	0.05153929	200
	Rubber Tired Dozers	1	8	367	0.4	8	9,395	0.04745478	446
	Crawler Tractors	2	8	87	0.43	8	4,788	0.05048826	242
Building	Cranes	1	8	367	0.29	260	221,374	0.05301236	11,736
	Forklifts	2	8	82	0.2	260	68,224	0.05325396	3,633
	Generator Sets	1	8	14	0.74	260	21,549	0.09078738	1,956
	Tractors/Loaders/Backhoes	1	8	84	0.37	260	64,646	0.07302087	4,721
	Welders	3	8	46	0.45	260	129,168	0.03382159	4,369
Paving	Pavers	1	8	81	0.42	18	4,899	0.05151654	252
	Paving Equipment	1	8	89	0.36	18	4,614	0.05116533	236
	Rollers	2	8	36	0.38	18	3,940	0.05259167	207
	Cement and Mortar Mixers	1	8	10	0.56	18	806	0.04893101	39
	Tractors/Loaders/Backhoes	1	8	84	0.37	18	4,476	0.07302087	327
Architectural Coating	Air Compressors	1	8	37	0.48	18	2,557	0.030857463	79
								Total	**31,401**

Source: Fuel Calculation Sheets (attached)

Table 7: Estimated Project Vehicle Fuel Usage

Construction Source	Total Number of Trips	VMT	Fuel Rate	Gallons of Diesel Fuel	Gallons of Gasoline Fuel
Haul Trucks	321	6,420	6.18	1,038	0
Vendor Trucks	4,420	45,084	8.99	5,013	0
Worker Vehicles	11,992	221,852	27.62	0	8,033
			Total	**6,052**	**8,033**

Source: CalEEMod Sheets (attached)

Table 8: Total Construction Fuel Usage

Construction Source	Gallons of Diesel Fuel	Gallons of Gasoline Fuel
Construction Vehicles	6,052	8,033
Off-road Construction Equipment	31,401	0
Total	**37,453**	**8,033**

Source: CalEEMod Sheets (attached)

Operation

Operation of the proposed Project would consume electricity, natural gas, and petroleum. Electricity and natural gas consumption for the proposed Project and the existing uses can be found in the CalEEMod Output Sheets attached to this memorandum. The gasoline consumption rates utilize the same assumptions that were used for construction worker vehicles. The Project's net energy consumption is shown in Table 9, below. While the proposed Project is expected to require more electricity, natural gas, gasoline, and diesel than existing uses on-site, it would still remain consistent with similar sized projects and would not constitute an inefficient use of energy.

Table 9: Project Annual Operational Energy Requirements

Operational Source	Energy Usage	
Electricity (Kilowatt-Hour)		
Proposed Project	478,374	
Existing Use	13,512	
Net New Electricity	**464,862**	
Natural Gas (Thousands British Thermal Units)		
Proposed Project	1,970,218	
Existing Use	60,646	
Net New Natural Gas	**1,909,572**	
Petroleum (Gasoline) Consumption		
	Annual VMT	**Gallons of Gasoline Fuel**
Proposed Project	1,035,536	37,492
Existing Use	673,917	24,400
Net New Gasoline Consumption	**361,619**	**13,092**

Source: CalEEMod Sheets (attached)

The proposed Project's energy consumption for construction activities related to redevelopment of the site for new self-storage facility uses would be required to comply with existing fuel standards, machinery efficiency standards, and CARB requirements that limit idling of trucks. Through compliance with existing standards, the proposed Project would not result in a demand for fuel greater on a per-development basis than other development projects in Southern California. There are no unusual Project characteristics that would cause the use of construction equipment that would be less energy efficient compared with other similar construction sites in the State. Energy consumption from the operation of the proposed Project is also similar to that of other industrial projects, and the Project would comply with Title 24 as well as all applicable Riverside County energy codes and ordinances.

Greenhouse Gas

California State Executive Order S-3-05, issued by Governor Arnold Schwarzenegger in June 2005, established comprehensive GHG reduction targets for the state.[4] It mandated reducing GHG emissions to 2000 levels by 2010, to 1990 levels by 2020, and to 80% below 1990 levels by 2050. This executive order laid the foundation for subsequent climate change mitigation efforts in California, including the development of various policies and programs aimed at reducing emissions across sectors such as transportation, energy, and industry. The objective of the Executive Order is to contribute to capping worldwide CO_2 concentrations at 450 ppm, stabilizing global climate change.

SCAQMD has convened a Greenhouse Gas Emissions (GHG) CEQA Significance Threshold Working Group to help lead agencies determine significance thresholds for GHG emissions when SCAQMD is not the lead agency. The last working group was held in September 2010 (Meeting No. 15) and proposed a tiered approach, equivalent to the existing consistency determination requirements in CEQA Guidelines Sections 15064(h)(3), 15125(d), or 15152(a).[5] The most recent proposal issued in Meeting No. 15 uses a tiered approach, Tier 1 to Tier 5, to evaluate potential GHG impacts from various uses. This assessment will apply the Tier 3: Numerical Screening Thresholds approach. Tier three consists of screening values, which the lead agency can choose, but must be consistent with all projects within its jurisdiction. A project's construction emissions are averaged over 30 years and added to the project's operational emissions. If a project's emissions are below one of the following screening thresholds, then the project impact would be less than significant:

- Option 1, all land use types: 3,000 $MTCO_2e$ per year
- Option 2, based on land use type:
  - Residential: 3,500 $MTCO_2e$ per year;
  - Commercial: 1,400 $MTCO_2e$ per year; or
  - Mixed use: 3,000 $MTCO_2e$ per year.

The County of Riverside utilizes Option 1, and therefore the threshold is 3,000 $MTCO_2e$ per year.

The proposed Project's construction GHG emissions are shown in Table 10, and the overall construction and operational emissions are shown in Table 11, below. These emissions were calculated using the CalEEMod Model. The construction emissions are amortized over 30 years. As shown in Table 11, the proposed Project's construction and operational GHG emissions would total 661 $MTCO_2e$. Considering the emissions resulting from the existing on-site buildings, the net new emissions generated by the proposed Project would be fewer 92 $MTCO_2e$ per year, which are below the SCAQMD significance threshold of 3,000 $MTCO_2e$ per year. Therefore, the proposed Project would result in a less-than-significant impact on GHG emissions.

Table 10: Project Construction GHG Emissions

Activity	Annual GHG Emissions ($MTCO_2e$)
2025	203
2026	301
Total Emissions	504
Total Emissions Amortized Over 30 Years	**17**

Source: CalEEMod Sheets (attached)

[4] Executive Department State of California Executive Order S-3-05 https://www.library.ca.gov/wp-content/uploads/GovernmentPublications/executive-order-proclamation/5129-5130.pdf

[5] SCAQMD 2010. Minutes of the GHG CEQA Significance Threshold Stakeholder Working Group #15. Referenced at: http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-15/ghg-meeting-15-minutes.pdf.

Table 11: Total Project GHG Emissions

Activity	Annual GHG Emissions ($MTCO_2e$)
Project Operation	
Mobile	373
Area	2
Energy	180
Water	58
Waste	30
Total Project Gross Operation Emissions	644
Project Construction	
Amortized Construction Emissions	17
Project Construction and Operation	
Project Total Emissions	**661**
Existing Emissions	753
Net New Emissions	**-92**
Significance Threshold	3,000
Threshold Exceeded?	**No**

Source: CalEEMod Sheets (attached)

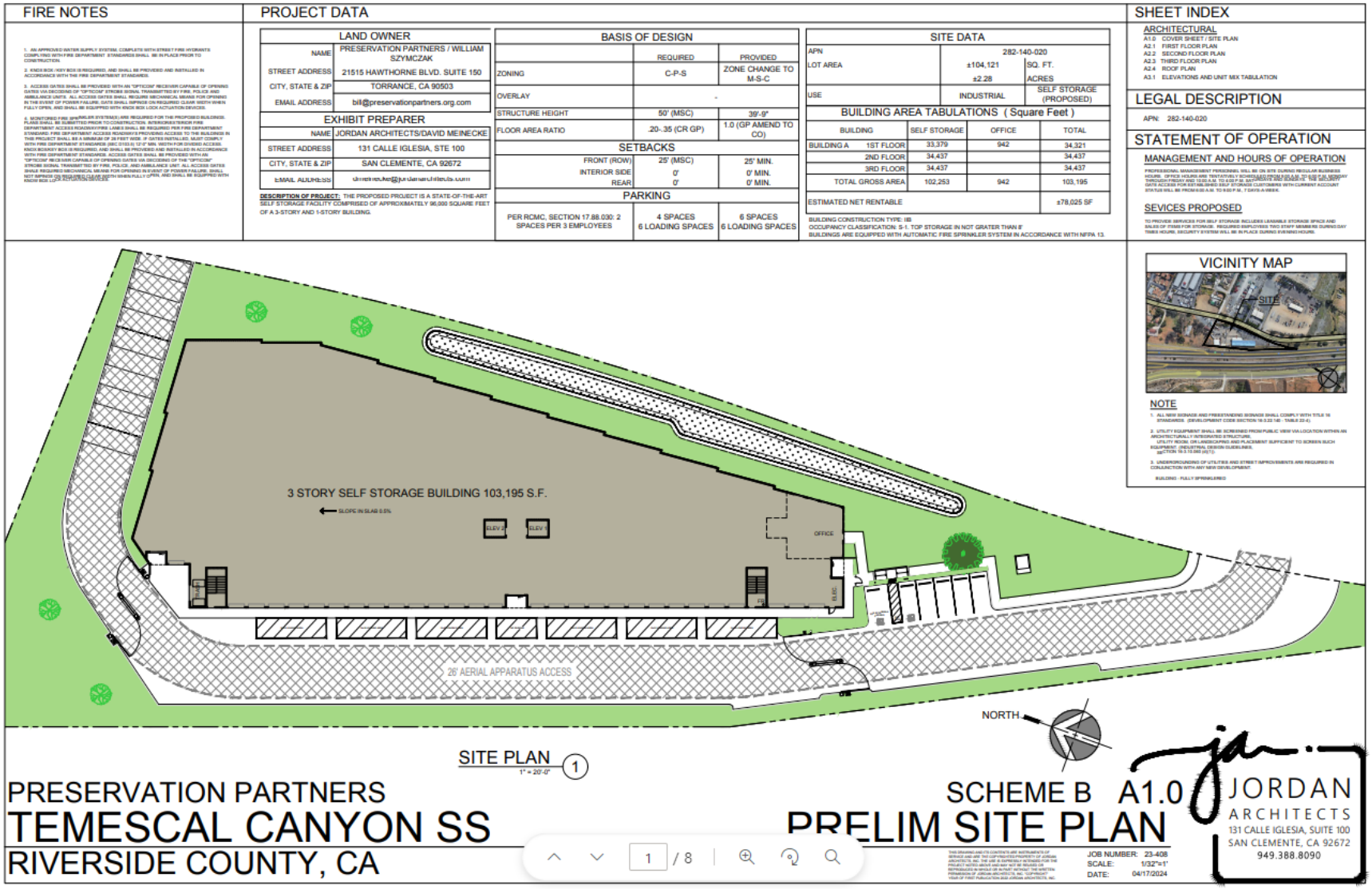
County of Riverside Climate Action Plan Consistency

Riverside's Climate Action Plan (CAP), last updated in December 2019, outlines a comprehensive strategy to combat climate change by reducing GHG emissions and enhancing community resilience. The plan sets ambitious targets aligned with state goals, aiming for significant emission reductions by 2030. It emphasizes improving energy efficiency across residential, commercial, and municipal sectors, alongside promoting the adoption of renewable energy sources like solar and wind. Sustainable transportation initiatives include expanding public transit options, supporting biking and walking infrastructure, and encouraging the use of electric vehicles.

Additionally, the CAP prioritizes effective waste management through enhanced recycling programs and reducing single-use plastics. Water conservation measures are integrated through policies promoting efficient use and sustainable management practices. The plan also underscores the importance of green building standards and urban forestry to mitigate climate impacts and enhance urban sustainability. Community engagement plays a vital role, involving residents and businesses in climate education and participation in sustainability initiatives. Ongoing monitoring, partnerships with local stakeholders, and strategic funding allocations are key to achieving the CAP's objectives and building a more resilient, environmentally conscious city. The proposed Project aligns closely with the goals and measures outlined in Riverside's CAP, as well as state programs such as the 2025 Title 24 Building Codes, Advanced Clean Cars II, and other GHG reducing initiatives. It ensures compliance with the increased standards and reductions mandated by future state measures. Consequently, the proposed Project remains consistent with the objectives of Riverside's CAP and supports California's broader efforts to mitigate climate change.

Furthermore, the proposed Project site falls within the jurisdiction of the SCAG, which governs the RTP/SCS. This strategy analyzes the projected impacts of development across the region, utilizing General Plan land use (GPLU) data from multiple jurisdictions. The proposed Project aligns with the proposed Commercial Office land use designation identified in the RTP/SCS for growth assumptions. Therefore, the proposed Project does not conflict with the growth assumptions analyzed in both Riverside's CAP and the SCAG RTP/SCS, ensuring its impacts remain minimal and in line with regional sustainability goals.

Figure 1: Project Site Plan



Fuel Calculations

Model Output: OFFROAD2021 (v1.0.5) Emissions Inventory
Region Type: Sub-Area
Region: Riverside (SC)
Calendar Year: 2025
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Year	VehClass	MdlYr	HP_Bin	Fuel	Fuel Consumption	Horsepower Hours	Fuel Rate
Riverside (SC)	2025	Construction and Mining - Rubber Tired Dozers	Aggregate	Aggregate	Diesel	145666.5853	3069586.992	0.0474548
Riverside (SC)	2025	Construction and Mining - Tractors/Loaders/Backhoes	Aggregate	Aggregate	Diesel	5359588.934	73398046.69	0.0730209
Riverside (SC)	2025	Construction and Mining - Graders	Aggregate	Aggregate	Diesel	583294.7602	11317477.37	0.0515393
Riverside (SC)	2025	Construction and Mining - Scrapers	Aggregate	Aggregate	Diesel	1502386.168	31240711.37	0.0480907
Riverside (SC)	2025	Industrial - Forklifts	Aggregate	Aggregate	Diesel	295050.3322	5540439.507	0.053254
Riverside (SC)	2025	Light Commercial - Misc - Generator Sets	Aggregate	Aggregate	Diesel	163964.4792	1806027.3	0.0907874
Riverside (SC)	2025	Construction and Mining - Cranes	Aggregate	Aggregate	Diesel	444994.0329	8394155.658	0.0530124
Riverside (SC)	2025	Light Commercial - Misc - Welders	Aggregate	Aggregate	Diesel	166776.1057	4931055.1	0.0338216
Riverside (SC)	2025	Construction and Mining - Pavers	Aggregate	Aggregate	Diesel	256599.6784	4980918.654	0.0515165
Riverside (SC)	2025	Construction and Mining - Paving Equipment	Aggregate	Aggregate	Diesel	284627.6522	5562900.218	0.0511653
Riverside (SC)	2025	Construction and Mining - Rollers	Aggregate	Aggregate	Diesel	678371.6802	12898843.91	0.0525917
Riverside (SC)	2025	Light Commercial - Misc - Air Compressors	Aggregate	Aggregate	Diesel	31029.71817	1005582.3	0.0308575
Riverside (SC)	2025	Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	Aggregate	Diesel	1782.668392	42398.4	0.0420457
Riverside (SC)	2025	Construction and Mining - Crawler Tractors	Aggregate	Aggregate	Diesel	1251225.496	24782501.93	0.0504883
Riverside (SC)	2025	Cement and Mortar Mixer				1660093.573	33927228.84	0.048931

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: Riverside (SC)
Calendar Year: 2025
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	VMT	Fuel Consumption	Fuel Rate
Riverside (SC)	2025	MHDT	Aggregate	Aggregate	Diesel	571359.1019	63.53271272	8.99
Riverside (SC)	2025	HHDT	Aggregate	Aggregate	Diesel	1950611.476	315.5182536	6.18

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: Riverside (SC)
Calendar Year: 2026
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

						miles/day	1000 gal/day	
Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	VMT	Fuel Consumption	
Riverside (SC)	2025	LDA	Aggregate	Aggregate	Gasoline	20373765.83	673.3165394	30.26
Riverside (SC)	2025	LDT1	Aggregate	Aggregate	Gasoline	1499609.575	59.92078241	25.03
Riverside (SC)	2025	LDT2	Aggregate	Aggregate	Gasoline	8973973.952	360.0165635	24.93
							50/25/25 Split	27.62

CalEEMod Output Sheets

Temescal Canyon Rd-Existing Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Temescal Canyon Rd-Existing
Operational Year	2026
Lead Agency	Riverside County
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.20
Precipitation (days)	21.8
Location	21785 Temescal Canyon Rd, Corona, CA 92883, USA
County	Riverside-South Coast
City	Unincorporated
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5582
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.25

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Automobile Care Center	14.1	1000sqft	0.32	14,116	0.00	—	—	Two (2) Buildings

Other Asphalt Surfaces	1.96	Acre	1.96	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unmit.	0.89	0.61	6.27	0.02	1.32	0.34	4,632
Daily, Winter (Max)	—	—	—	—	—	—	—
Unmit.	0.76	0.65	4.63	0.01	1.32	0.34	4,531
Average Daily (Max)	—	—	—	—	—	—	—
Unmit.	0.83	0.67	5.23	0.01	1.30	0.34	4,549
Annual (Max)	—	—	—	—	—	—	—
Unmit.	0.15	0.12	0.95	< 0.005	0.24	0.06	753
Exceeds (Daily Max)	—	—	—	—	—	—	—
Threshold	55.0	55.0	550	150	150	55.0	—
Unmit.	No	No	No	No	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—	—
Threshold	55.0	55.0	550	150	150	55.0	—
Unmit.	No	No	No	No	No	No	—
Exceeds (Annual)	—	—	—	—	—	—	—
Threshold	—	—	—	—	—	—	3,000

Unmit.	—	—	—	—	—	—	No

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Mobile	0.47	0.59	5.64	0.01	1.32	0.34	1,549
Area	0.42	0.01	0.61	< 0.005	< 0.005	< 0.005	2.53
Energy	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	32.4
Water	—	—	—	—	—	—	19.5
Waste	—	—	—	—	—	—	102
Refrig.	—	—	—	—	—	—	2,927
Total	0.89	0.61	6.27	0.02	1.32	0.34	4,632
Daily, Winter (Max)	—	—	—	—	—	—	—
Mobile	0.45	0.63	4.61	0.01	1.32	0.34	1,451
Area	0.32	—	—	—	—	—	—
Energy	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	32.4
Water	—	—	—	—	—	—	19.5
Waste	—	—	—	—	—	—	102
Refrig.	—	—	—	—	—	—	2,927
Total	0.76	0.65	4.63	0.01	1.32	0.34	4,531
Average Daily	—	—	—	—	—	—	—
Mobile	0.44	0.65	4.79	0.01	1.30	0.34	1,467
Area	0.39	< 0.005	0.42	< 0.005	< 0.005	< 0.005	1.74
Energy	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	32.4
Water	—	—	—	—	—	—	19.5
Waste	—	—	—	—	—	—	102

Refrig.	—	—	—	—	—	—	2,927
Total	0.83	0.67	5.23	0.01	1.30	0.34	4,549
Annual	—	—	—	—	—	—	—
Mobile	0.08	0.12	0.88	< 0.005	0.24	0.06	243
Area	0.07	< 0.005	0.08	< 0.005	< 0.005	< 0.005	0.29
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	5.36
Water	—	—	—	—	—	—	3.24
Waste	—	—	—	—	—	—	16.8
Refrig.	—	—	—	—	—	—	485
Total	0.15	0.12	0.95	< 0.005	0.24	0.06	753

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Automobile Care Center	0.47	0.59	5.64	0.01	1.32	0.34	1,549
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.47	0.59	5.64	0.01	1.32	0.34	1,549
Daily, Winter (Max)	—	—	—	—	—	—	—
Automobile Care Center	0.45	0.63	4.61	0.01	1.32	0.34	1,451
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.45	0.63	4.61	0.01	1.32	0.34	1,451
Annual	—	—	—	—	—	—	—

Automobile Care Center	0.08	0.12	0.88	< 0.005	0.24	0.06	243
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.08	0.12	0.88	< 0.005	0.24	0.06	243

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Automobile Care Center	—	—	—	—	—	—	12.9
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	12.9
Daily, Winter (Max)	—	—	—	—	—	—	—
Automobile Care Center	—	—	—	—	—	—	12.9
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	12.9
Annual	—	—	—	—	—	—	—
Automobile Care Center	—	—	—	—	—	—	2.13
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	2.13

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Automobile Care Center	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	19.5

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	19.5
Daily, Winter (Max)	—	—	—	—	—	—	—
Automobile Care Center	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	19.5
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	19.5
Annual	—	—	—	—	—	—	—
Automobile Care Center	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	3.23
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	3.23

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Consumer Products	0.31	—	—	—	—	—	—
Architectural Coatings	0.01	—	—	—	—	—	—
Landscape Equipment	0.10	0.01	0.61	< 0.005	< 0.005	< 0.005	2.53
Total	0.42	0.01	0.61	< 0.005	< 0.005	< 0.005	2.53
Daily, Winter (Max)	—	—	—	—	—	—	—
Consumer Products	0.31	—	—	—	—	—	—
Architectural Coatings	0.01	—	—	—	—	—	—
Total	0.32	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Consumer Products	0.06	—	—	—	—	—	—

Architectural Coatings	< 0.005	—	—	—	—	—	—
Landscape Equipment	0.01	< 0.005	0.08	< 0.005	< 0.005	< 0.005	0.29
Total	0.07	< 0.005	0.08	< 0.005	< 0.005	< 0.005	0.29

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Automobile Care Center	—	—	—	—	—	—	19.5
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	19.5
Daily, Winter (Max)	—	—	—	—	—	—	—
Automobile Care Center	—	—	—	—	—	—	19.5
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	19.5
Annual	—	—	—	—	—	—	—
Automobile Care Center	—	—	—	—	—	—	3.24
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	3.24

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—
Automobile Care Center	—	—	—	—	—	—	102
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	102
Daily, Winter (Max)	—	—	—	—	—	—	—
Automobile Care Center	—	—	—	—	—	—	102
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	102
Annual	—	—	—	—	—	—	—
Automobile Care Center	—	—	—	—	—	—	16.8
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	16.8

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Automobile Care Center	—	—	—	—	—	—	2,927
Total	—	—	—	—	—	—	2,927
Daily, Winter (Max)	—	—	—	—	—	—	—
Automobile Care Center	—	—	—	—	—	—	2,927
Total	—	—	—	—	—	—	2,927
Annual	—	—	—	—	—	—	—
Automobile Care Center	—	—	—	—	—	—	485
Total	—	—	—	—	—	—	485

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

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

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Automobile Care Center	101	101	101	36,839	1,846	1,846	1,846	673,917
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	2,118	706	3,659

5.10.3. Landscape Equipment

Season	Unit	Value

Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Automobile Care Center	13,512	346	0.0330	0.0040	60,646
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Automobile Care Center	1,328,425	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Automobile Care Center	53.9	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Automobile Care Center	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Automobile Care Center	Supermarket refrigeration and condensing units	R-404A	3,922	26.5	16.5	16.5	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

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

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	21.7	annual days of extreme heat
Extreme Precipitation	4.75	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	36.5	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	80.0
AQ-PM	67.8
AQ-DPM	67.6
Drinking Water	84.6
Lead Risk Housing	0.21
Pesticides	0.00
Toxic Releases	57.5
Traffic	98.0
Effect Indicators	—
CleanUp Sites	20.5
Groundwater	22.1
Haz Waste Facilities/Generators	53.5
Impaired Water Bodies	0.00

Solid Waste	35.7
Sensitive Population	—
Asthma	14.2
Cardio-vascular	59.5
Low Birth Weights	7.95
Socioeconomic Factor Indicators	—
Education	34.4
Housing	27.2
Linguistic	23.8
Poverty	28.4
Unemployment	9.72

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	67.39381496
Employed	33.54292314
Median HI	59.36096497
Education	—
Bachelor's or higher	53.83036058
High school enrollment	13.01167715
Preschool enrollment	41.57577313
Transportation	—
Auto Access	98.98626973
Active commuting	56.40959836
Social	—

2-parent households	63.9291672
Voting	60.6698319
Neighborhood	—
Alcohol availability	87.60426023
Park access	6.403182343
Retail density	25.70255357
Supermarket access	32.86282561
Tree canopy	17.84935198
Housing	—
Homeownership	93.09636854
Housing habitability	80.67496471
Low-inc homeowner severe housing cost burden	10.29128705
Low-inc renter severe housing cost burden	92.26228667
Uncrowded housing	79.21211344
Health Outcomes	—
Insured adults	46.18247145
Arthritis	65.9
Asthma ER Admissions	75.3
High Blood Pressure	69.1
Cancer (excluding skin)	57.8
Asthma	37.3
Coronary Heart Disease	83.6
Chronic Obstructive Pulmonary Disease	56.7
Diagnosed Diabetes	84.4
Life Expectancy at Birth	65.8
Cognitively Disabled	70.6
Physically Disabled	95.1

Heart Attack ER Admissions	34.7
Mental Health Not Good	44.5
Chronic Kidney Disease	85.5
Obesity	38.6
Pedestrian Injuries	44.2
Physical Health Not Good	59.3
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	18.0
Current Smoker	31.7
No Leisure Time for Physical Activity	53.7
Climate Change Exposures	—
Wildfire Risk	20.0
SLR Inundation Area	0.0
Children	81.0
Elderly	17.9
English Speaking	75.7
Foreign-born	45.7
Outdoor Workers	53.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	75.6
Traffic Density	86.0
Traffic Access	23.0
Other Indices	—
Hardship	52.3
Other Decision Support	—
2016 Voting	67.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	26.0
Healthy Places Index Score for Project Location (b)	51.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Building Construction workdays were updated from 230 days to 260 days based on construction schedule provided by the client.
Construction: Off-Road Equipment	Assumed all equipment will be used 8 hours per day. Tractor/Loader Backhoes were replaced with Crawler Tractor.
Construction: Trips and VMT	Assumed all equipment will be used 8 hours per day
Land Use	Justification made based on the existing use. The two existing land uses are combined.
Construction: Dust From Material Movement	Justification made based on provided info.

Operations: Vehicle Data	Weekday daily rates were adjusted based on ITE 11th Edition. The daily rates for two land uses are combined. Since there are no weekend rates, and the hours of operation for the existing site is the same during the week and weekend, same rate were utilized for all three.

Temescal Canyon Rd Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Temescal Canyon Rd
Construction Start Date	8/1/2025
Operational Year	2026
Lead Agency	Riverside County
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.20
Precipitation (days)	21.8
Location	21785 Temescal Canyon Rd, Corona, CA 92883, USA
County	Riverside-South Coast
City	Unincorporated
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5582
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.25

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

Unrefrigerated Warehouse-No Rail	103	1000sqft	1.67	103,195	38,262	—	—	—
Parking Lot	10.0	Space	0.09	0.00	0.00	—	—	—
Other Asphalt Surfaces	0.52	Acre	0.52	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unmit.	1.99	19.5	17.4	0.05	4.99	2.00	6,832
Daily, Winter (Max)	—	—	—	—	—	—	—
Unmit.	53.8	11.9	15.3	0.03	1.14	0.57	3,430
Average Daily (Max)	—	—	—	—	—	—	—
Unmit.	3.40	6.09	8.22	0.01	0.61	0.28	1,818
Annual (Max)	—	—	—	—	—	—	—
Unmit.	0.62	1.11	1.50	< 0.005	0.11	0.05	301
Exceeds (Daily Max)	—	—	—	—	—	—	—
Threshold	75.0	100	550	150	150	55.0	—
Unmit.	No	No	No	No	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—	—
Threshold	75.0	100	550	150	150	55.0	—
Unmit.	No	No	No	No	No	No	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—
2025	1.99	19.5	17.4	0.05	4.99	2.00	6,832
2026	1.42	11.2	15.8	0.03	1.10	0.53	3,460
Daily - Winter (Max)	—	—	—	—	—	—	—
2025	1.48	11.9	15.3	0.03	1.14	0.57	3,430
2026	53.8	11.3	15.0	0.03	1.10	0.53	3,409
Average Daily	—	—	—	—	—	—	—
2025	0.45	4.06	4.65	0.01	0.61	0.25	1,227
2026	3.40	6.09	8.22	0.01	0.58	0.28	1,818
Annual	—	—	—	—	—	—	—
2025	0.08	0.74	0.85	< 0.005	0.11	0.04	203
2026	0.62	1.11	1.50	< 0.005	0.11	0.05	301

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unmit.	4.10	1.64	15.1	0.03	2.44	0.67	4,449
Daily, Winter (Max)	—	—	—	—	—	—	—
Unmit.	3.31	1.68	8.79	0.03	2.43	0.66	4,253
Average Daily (Max)	—	—	—	—	—	—	—
Unmit.	3.69	1.55	10.9	0.03	2.04	0.56	3,894
Annual (Max)	—	—	—	—	—	—	—

Unmit.	0.67	0.28	1.99	< 0.005	0.37	0.10	645
Exceeds (Daily Max)	—	—	—	—	—	—	—
Threshold	55.0	55.0	550	150	150	55.0	—
Unmit.	No	No	No	No	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—	—
Threshold	55.0	55.0	550	150	150	55.0	—
Unmit.	No	No	No	No	No	No	—
Exceeds (Annual)	—	—	—	—	—	—	—
Threshold	—	—	—	—	—	—	3,000
Unmit.	—	—	—	—	—	—	No

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Mobile	0.86	1.07	10.2	0.03	2.39	0.62	2,804
Area	3.21	0.04	4.49	< 0.005	0.01	0.01	18.5
Energy	0.03	0.53	0.44	< 0.005	0.04	0.04	1,090
Water	—	—	—	—	—	—	354
Waste	—	—	—	—	—	—	183
Total	4.10	1.64	15.1	0.03	2.44	0.67	4,449
Daily, Winter (Max)	—	—	—	—	—	—	—
Mobile	0.81	1.15	8.35	0.03	2.39	0.62	2,627
Area	2.47	—	—	—	—	—	—
Energy	0.03	0.53	0.44	< 0.005	0.04	0.04	1,090
Water	—	—	—	—	—	—	354

Waste	—	—	—	—	—	—	183
Total	3.31	1.68	8.79	0.03	2.43	0.66	4,253
Average Daily	—	—	—	—	—	—	—
Mobile	0.68	1.00	7.37	0.02	2.00	0.52	2,254
Area	2.98	0.03	3.07	< 0.005	0.01	< 0.005	12.7
Energy	0.03	0.53	0.44	< 0.005	0.04	0.04	1,090
Water	—	—	—	—	—	—	354
Waste	—	—	—	—	—	—	183
Total	3.69	1.55	10.9	0.03	2.04	0.56	3,894
Annual	—	—	—	—	—	—	—
Mobile	0.12	0.18	1.34	< 0.005	0.36	0.09	373
Area	0.54	< 0.005	0.56	< 0.005	< 0.005	< 0.005	2.10
Energy	0.01	0.10	0.08	< 0.005	0.01	0.01	180
Water	—	—	—	—	—	—	58.6
Waste	—	—	—	—	—	—	30.3
Total	0.67	0.28	1.99	< 0.005	0.37	0.10	645

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	1.47	13.9	15.1	0.02	0.57	0.52	2,502
Demolition	—	—	—	—	3.14	0.48	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.76	0.83	< 0.005	0.03	0.03	137
Demolition	—	—	—	—	0.17	0.03	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.14	0.15	< 0.005	0.01	0.01	22.7
Demolition	—	—	—	—	0.03	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.06	0.05	0.97	0.00	0.16	0.04	179
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.06	4.39	1.07	0.03	1.11	0.37	4,151
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.01	< 0.005	9.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.25	0.06	< 0.005	0.06	0.02	227
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	1.51
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.05	0.01	< 0.005	0.01	< 0.005	37.6

3.3. Site Preparation (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e

Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	1.39	12.5	11.8	0.03	0.62	0.57	2,821
Dust From Material Movement	—	—	—	—	0.55	0.06	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.17	0.16	< 0.005	0.01	0.01	38.6
Dust From Material Movement	—	—	—	—	0.01	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	6.40
Dust From Material Movement	—	—	—	—	< 0.005	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.03	0.03	0.58	0.00	0.10	0.02	107
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	1.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.23

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	1.91	17.3	16.1	0.02	0.94	0.86	2,653
Dust From Material Movement	—	—	—	—	2.12	0.92	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.38	0.35	< 0.005	0.02	0.02	58.1
Dust From Material Movement	—	—	—	—	0.05	0.02	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.06	< 0.005	< 0.005	< 0.005	9.63
Dust From Material Movement	—	—	—	—	0.01	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.04	0.04	0.77	0.00	0.13	0.03	143
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	2.22	0.54	0.01	0.56	0.19	2,097

Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	2.92
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.05	0.01	< 0.005	0.01	< 0.005	45.9
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.48
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	7.60

3.7. Building Construction (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	1.28	11.1	12.6	0.02	0.42	0.39	2,320
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	1.28	11.1	12.6	0.02	0.42	0.39	2,320
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.26	2.27	2.59	< 0.005	0.09	0.08	477
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.41	0.47	< 0.005	0.02	0.01	78.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.19	0.19	3.35	0.00	0.57	0.13	620
Vendor	0.01	0.57	0.18	< 0.005	0.15	0.05	543
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	0.18	0.21	2.53	0.00	0.57	0.13	569
Vendor	0.01	0.59	0.18	< 0.005	0.15	0.05	542
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Worker	0.04	0.05	0.55	0.00	0.11	0.03	119
Vendor	< 0.005	0.12	0.04	< 0.005	0.03	0.01	111
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.02	< 0.005	19.6
Vendor	< 0.005	0.02	0.01	< 0.005	0.01	< 0.005	18.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	1.22	10.5	12.5	0.02	0.38	0.35	2,320
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	1.22	10.5	12.5	0.02	0.38	0.35	2,320
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.62	5.34	6.33	0.01	0.19	0.18	1,176
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.97	1.16	< 0.005	0.03	0.03	195
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.18	0.17	3.11	0.00	0.57	0.13	607
Vendor	0.01	0.54	0.17	< 0.005	0.15	0.05	534
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	0.17	0.19	2.36	0.00	0.57	0.13	556
Vendor	0.01	0.57	0.17	< 0.005	0.15	0.05	533
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Worker	0.09	0.11	1.25	0.00	0.28	0.07	286
Vendor	0.01	0.29	0.09	< 0.005	0.08	0.02	270
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	0.02	0.02	0.23	0.00	0.05	0.01	47.3
Vendor	< 0.005	0.05	0.02	< 0.005	0.01	< 0.005	44.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e

Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.67	5.88	8.19	0.01	0.25	0.23	1,248
Paving	0.09	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.67	5.88	8.19	0.01	0.25	0.23	1,248
Paving	0.09	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.29	0.40	< 0.005	0.01	0.01	61.5
Paving	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.07	< 0.005	< 0.005	< 0.005	10.2
Paving	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.06	0.06	1.08	0.00	0.20	0.05	210
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	0.06	0.07	0.82	0.00	0.20	0.05	193
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.04	0.00	0.01	< 0.005	9.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	1.59
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.14	1.51	< 0.005	0.03	0.03	179
Architectural Coatings	53.6	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.07	< 0.005	< 0.005	< 0.005	8.81
Architectural Coatings	2.64	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	1.46
Architectural Coatings	0.48	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	0.03	0.04	0.47	0.00	0.11	0.03	111
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.01	< 0.005	5.56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.92
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.86	1.07	10.2	0.03	2.39	0.62	2,804
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.86	1.07	10.2	0.03	2.39	0.62	2,804
Daily, Winter (Max)	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	0.81	1.15	8.35	0.03	2.39	0.62	2,627
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.81	1.15	8.35	0.03	2.39	0.62	2,627
Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.12	0.18	1.34	< 0.005	0.36	0.09	373
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.12	0.18	1.34	< 0.005	0.36	0.09	373

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	453
Parking Lot	—	—	—	—	—	—	3.28
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	456
Daily, Winter (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	453
Parking Lot	—	—	—	—	—	—	3.28
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	456

Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	75.0
Parking Lot	—	—	—	—	—	—	0.54
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	75.6

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.53	0.44	< 0.005	0.04	0.04	633
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.53	0.44	< 0.005	0.04	0.04	633
Daily, Winter (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.53	0.44	< 0.005	0.04	0.04	633
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.53	0.44	< 0.005	0.04	0.04	633
Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.10	0.08	< 0.005	0.01	0.01	105
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.10	0.08	< 0.005	0.01	0.01	105

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Consumer Products	2.21	—	—	—	—	—	—
Architectural Coatings	0.26	—	—	—	—	—	—
Landscape Equipment	0.74	0.04	4.49	< 0.005	0.01	0.01	18.5
Total	3.21	0.04	4.49	< 0.005	0.01	0.01	18.5
Daily, Winter (Max)	—	—	—	—	—	—	—
Consumer Products	2.21	—	—	—	—	—	—
Architectural Coatings	0.26	—	—	—	—	—	—
Total	2.47	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Consumer Products	0.40	—	—	—	—	—	—
Architectural Coatings	0.05	—	—	—	—	—	—
Landscape Equipment	0.09	< 0.005	0.56	< 0.005	< 0.005	< 0.005	2.10
Total	0.54	< 0.005	0.56	< 0.005	< 0.005	< 0.005	2.10

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	354

Parking Lot	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	354
Daily, Winter (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	354
Parking Lot	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	354
Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	58.6
Parking Lot	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	58.6

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	183
Parking Lot	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	183
Daily, Winter (Max)	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	183
Parking Lot	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	183
Annual	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	30.3
Parking Lot	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	30.3

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

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

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	8/1/2025	8/29/2025	5.00	20.0	—
Site Preparation	Site Preparation	8/30/2025	9/5/2025	5.00	5.00	—
Grading	Grading	9/6/2025	9/17/2025	5.00	8.00	—
Building Construction	Building Construction	9/18/2025	9/16/2026	5.00	260	—
Paving	Paving	9/17/2026	10/12/2026	5.00	18.0	—
Architectural Coating	Architectural Coating	10/13/2026	11/5/2026	5.00	18.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	0.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41
Site Preparation	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40

Grading	Tractors/Loaders/Backhoes	Diesel	Average	0.00	8.00	84.0	0.37
Grading	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Building Construction	Forklifts	Diesel	Average	2.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	12.5	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	57.4	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	18.5	LDA,LDT1,LDT2

Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	29.0	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	43.3	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	16.9	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	8.67	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	154,793	51,598	1,594

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	4,589	—
Site Preparation	0.00	0.00	17.5	0.00	—
Grading	1,850	0.00	32.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.61

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Parking Lot	0.09	100%
Other Asphalt Surfaces	0.52	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	346	0.03	< 0.005
2025	0.00	349	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	150	183	155	56,607	2,737	3,341	2,832	1,035,536
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	154,793	51,598	1,594

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	474,940	346	0.0330	0.0040	1,970,218
Parking Lot	3,434	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	23,863,844	606,671
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	97.0	—
Parking Lot	0.00	—

Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

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

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	21.7	annual days of extreme heat
Extreme Precipitation	4.75	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	36.5	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	80.0
AQ-PM	67.8
AQ-DPM	67.6
Drinking Water	84.6
Lead Risk Housing	0.21
Pesticides	0.00
Toxic Releases	57.5
Traffic	98.0
Effect Indicators	—
CleanUp Sites	20.5
Groundwater	22.1
Haz Waste Facilities/Generators	53.5
Impaired Water Bodies	0.00

Solid Waste	35.7
Sensitive Population	—
Asthma	14.2
Cardio-vascular	59.5
Low Birth Weights	7.95
Socioeconomic Factor Indicators	—
Education	34.4
Housing	27.2
Linguistic	23.8
Poverty	28.4
Unemployment	9.72

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	67.39381496
Employed	33.54292314
Median HI	59.36096497
Education	—
Bachelor's or higher	53.83036058
High school enrollment	13.01167715
Preschool enrollment	41.57577313
Transportation	—
Auto Access	98.98626973
Active commuting	56.40959836
Social	—

2-parent households	63.9291672
Voting	60.6698319
Neighborhood	—
Alcohol availability	87.60426023
Park access	6.403182343
Retail density	25.70255357
Supermarket access	32.86282561
Tree canopy	17.84935198
Housing	—
Homeownership	93.09636854
Housing habitability	80.67496471
Low-inc homeowner severe housing cost burden	10.29128705
Low-inc renter severe housing cost burden	92.26228667
Uncrowded housing	79.21211344
Health Outcomes	—
Insured adults	46.18247145
Arthritis	65.9
Asthma ER Admissions	75.3
High Blood Pressure	69.1
Cancer (excluding skin)	57.8
Asthma	37.3
Coronary Heart Disease	83.6
Chronic Obstructive Pulmonary Disease	56.7
Diagnosed Diabetes	84.4
Life Expectancy at Birth	65.8
Cognitively Disabled	70.6
Physically Disabled	95.1

Heart Attack ER Admissions	34.7
Mental Health Not Good	44.5
Chronic Kidney Disease	85.5
Obesity	38.6
Pedestrian Injuries	44.2
Physical Health Not Good	59.3
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	18.0
Current Smoker	31.7
No Leisure Time for Physical Activity	53.7
Climate Change Exposures	—
Wildfire Risk	20.0
SLR Inundation Area	0.0
Children	81.0
Elderly	17.9
English Speaking	75.7
Foreign-born	45.7
Outdoor Workers	53.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	75.6
Traffic Density	86.0
Traffic Access	23.0
Other Indices	—
Hardship	52.3
Other Decision Support	—
2016 Voting	67.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	26.0
Healthy Places Index Score for Project Location (b)	51.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Building Construction workdays were updated from 230 days to 260 days based on construction schedule provided by the client.
Construction: Off-Road Equipment	Assumed all equipment will be used 8 hours per day. Tractor/Loader Backhoes were replaced with Crawler Tractor.
Construction: Trips and VMT	Assumed all equipment will be used 8 hours per day
Land Use	Justification made based on the project site plan.
Construction: Dust From Material Movement	Import volumes provided by the client
Operations: Vehicle Data	Weekday, Saturday, Sunday rates were adjusted based on ITE 11th Edition.

Demolition Calculations

Temescal Canyon Dr Project

Estimates of Demolition Debris

Building Demolition

Building	Height(ft)	Area (ft2)	Volume (ft3)	Demo Building Volume (cy)		
Recreational Vehicle						
Sales	18	11501	207018	2530		Note 1
Auto Repair Shop	18	2615	47070	575		
Total		14116	254088	3106		Note 2
Weight of the Building Demolition Debris (ton/cy):					0.5	Note 3
Total Weight of Building Debris					**1553**	**tons**

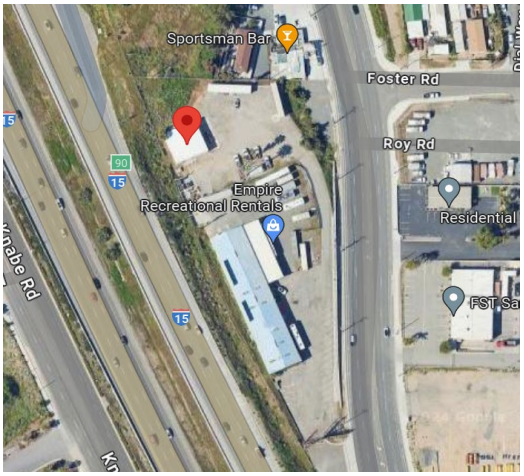
Note 1: Total square footage of existing school buildings contained in the project description
Note 2: FEMA Debris Estimating Field Guide, FEMA 329. September 2010
Note 3: CalEEMod User Guide

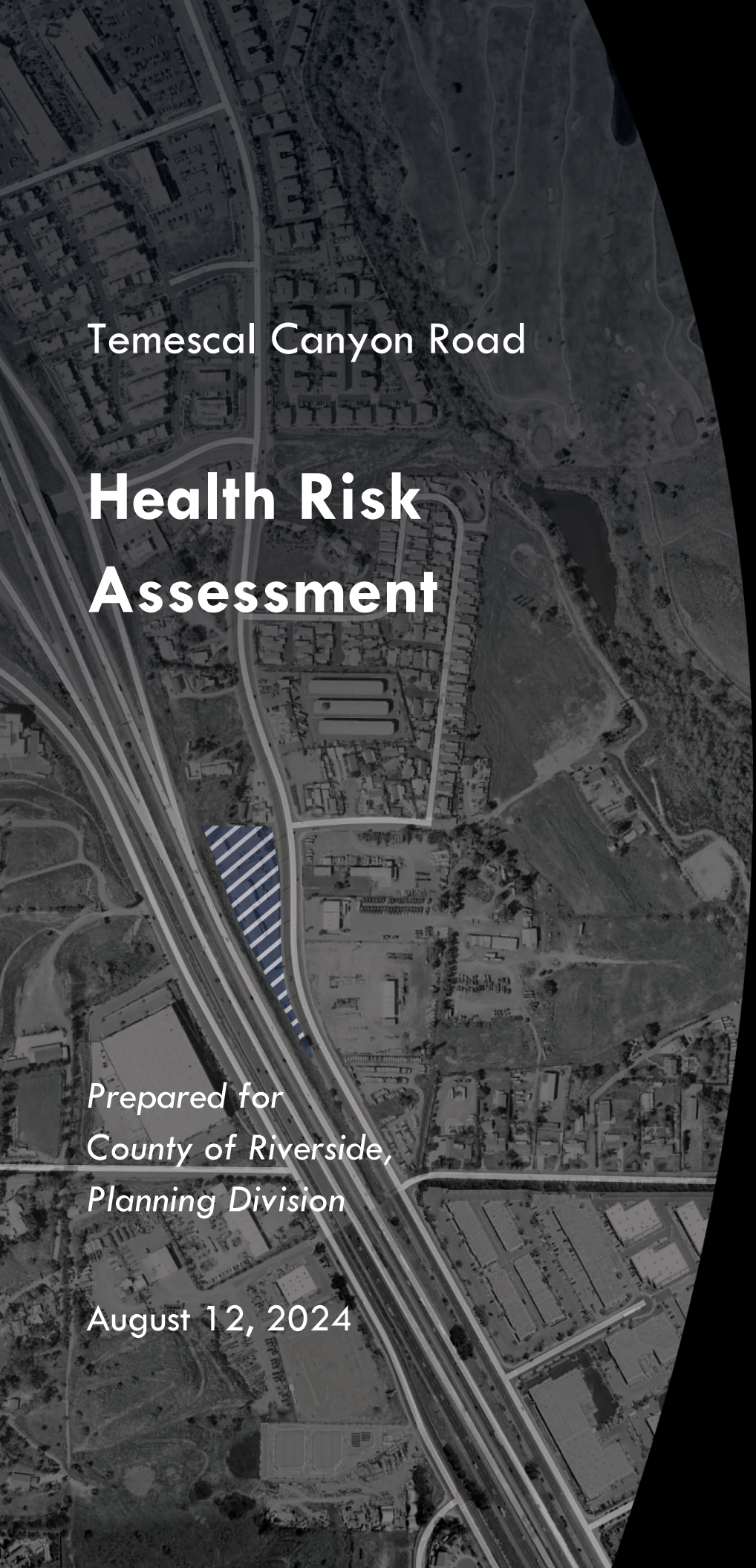
Hardscape Demolition

Weight of Hardscape 145 lb/ft3

Area	Height (ft)	Area (ft2)	Volume (cf)	Weight (lbs)	Weight (tons)
1	0.5	83762	41881	6072745	3036
2	0	0	0	0	0
3	0	0	0	0	0
Total		**83762**	**41881**	**6072745**	**3036**

Total Demolition Weight **4589 tons**





Temescal Canyon Road

Health Risk Assessment

Prepared for
County of Riverside,
Planning Division

August 12, 2024

Prepared by

Elaina Chambers,
Air Quality Specialist

Tanya Kalaskar,
Associate Environnemental Planner II,

Alex Garber,
Senior Technical Planner

Contact:
techservices@EPDsolutions.com

E|P|D
SOLUTIONS, INC

949.794.1180
3333 Michelson Drive, Suite 500
Irvine, CA 92612

EPDSolutions.com

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APPENDIX D.2 – ESTIMATION OF MITIGATED CONSTRUCTION HEALTH RISK

1 INTRODUCTION

This Health Risk Assessment (HRA) evaluates the potential impacts of the proposed Temescal Canyon Road Project (proposed Project). The Project site is located at 21765 Temescal Canyon Road in the County of Riverside, within the jurisdiction of the South Coast Air Quality Management District (SCAQMD). The Project site consists of a single parcel with a total area of approximately 2.28 acres. The Project site is currently developed with two (2) buildings totaling 14,116 square feet (SF), paved parking areas and driveways, and retaining walls. The proposed Project would demolish the existing buildings and redevelop the site with a three-story 103,195 SF self-storage building. The Project also includes 34,126 SF of landscaping. The regional location and site plan can be found in Figure 1, *Project Location*, and Figure 2, *Project Site Plan*.

1.1 Access and Circulation

Access to the proposed Project would be provided via two proposed driveways from Temescal Canyon Road on the eastern boundary of the site. The Project's assumed on-site construction travel link would be limited to access to and from the site using the southernmost driveway on Temescal Canyon Road, utilized by 100% of vehicles. The ensuing construction truck routes are described in Section 2.3, *Estimation of Project DPM Emissions*.

1.2 Parking

The Project would provide six parking stalls, including two accessible stalls. Parking stalls would be located in a surface lot near the southeastern boundary of the Project. Additionally, the Project would include six loading spaces adjacent to the surface lot. See Figure 2, *Project Site Plan*.

1.3 Purpose of the Report

To support the CEQA document for the proposed Project, this report evaluates the potential health impacts to sensitive receptors from the construction of the Project. This HRA focuses on the emissions of diesel particulate matter (DPM) from the heavy-duty diesel vehicles and off-road construction equipment that would be utilized during the construction of the Project. DPM has been identified by the California Air Resources Board (CARB) as a carcinogenic substance responsible for nearly 70% of the airborne cancer risk in California.[1] The estimated health risk impacts from the Project construction were compared to the health risk significance thresholds recommended by the SCAQMD for use in CEQA assessments.

This HRA employed the following tools to estimate the health impacts of the proposed Project:

- The California Air Pollution Control Officers Association's California Emissions Estimator Model (CalEEMod, version 2022.1) was used to calculate exhaust emissions from mobile sources such as

[1] California Air Resources Board. (2017). *Study Links California Regulations, Dramatic Declines in Cancer Risk from Exposure to Air Toxics*. https://ww2.arb.ca.gov/news/study-links-california-regulations-dramatic-declines-cancer-risk-exposure-air-toxics

diesel trucks and construction equipment such as crawler tractors and cranes during the construction of the Project.

- The U.S. Environmental Protection Agency (EPA) AMS/EPA Regulatory Model (AERMOD Version 23132) was used to model air dispersion and estimate DPM impacts to sensitive receptors.
- Cancer Risk Methodology from the California Office of Environmental Health Hazards Assessment (OEHHA)[2] and the SCAQMD.[3]

1.4 Summary of the Results

The Project's DPM emissions during construction would exceed the lifetime cancer risk threshold of 10 in one million at the maximum impacted sensitive receptor. The proposed Project's construction DPM emissions would not exceed the non-cancer hazard index (HI) threshold of 1.0. Below are the impacts for lifetime cancer risk, as well as lifetime non-cancer risk calculations, analyzed without mitigation implemented:

Project Construction Unmitigated Health Risk Impacts:

- Sensitive/residential receptor for the lifetime exposure duration: 42.09 in one million
- Worker receptor: 0.92 in one million
- Sensitive receptor chronic non-cancer HI: 0.06
- Worker receptor chronic non-cancer HI: 0.06

To mitigate the significant construction health risk impact, the following mitigation is proposed:

> Per Southern California Association of Government's (SCAG's) 4.0 Mitigation Measure (MM) AQ-1, projects are required to utilize Tier 4 Final or superior equipment for all construction equipment).[4] If construction equipment cannot meet Tier 4 Final engine certification standards, the Project representative or contractor must provide a future study with written findings, backed by substantial evidence, for approval by SCAG before resorting to alternative technologies or strategies. Potential alternative strategies may encompass the use of Tier 4 Interim equipment or reducing the number and/or horsepower rating of construction equipment. All equipment must undergo tuning and adhere to the manufacturer's recommended maintenance schedule and specifications. Maintenance records for each piece of equipment, along with those of their contractors, must be available for inspection and kept on-site for a minimum of two years following construction completion. An exception to this requirement may be considered if a project can demonstrate that Tier 4 engines are unnecessary to reduce emissions below significance thresholds.

Below are the construction health risk impacts for the sensitive/residential receptor with mitigation implemented.

---

[2] California Office of Environmental Health Hazards Assessment. (2015). *Air Toxics Hot Spots Program. Risk Assessment Guidelines. Guidance Manual for Preparation of Health Risk Assessments.* https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf
[3] SCAQMD. (2017). *Risk Assessment Procedures for Rules 1401, 1401.1, 1402, and 212, Version 8.1.*
[4] South Coast Association of Governments (SCAG). (2020). *Connect SoCal PEIR Addendum.* https://scag.ca.gov/sites/main/files/file-attachments/fpeir_connectsocal_addendum_4_mitigationmeasures.pdf?1606004420

Project Construction Mitigated Health Risk Impacts:

- Sensitive/residential receptor for the lifetime exposure duration: 3.91 in one million

Although the unmitigated DPM emissions during construction would not exceed the thresholds for chronic non-cancer HI, it should be noted that with the implementation of MM AQ-1, the impacts of the Project's construction cancer risk as well as the non-cancer risk impact would also be reduced.

Therefore, the construction of the proposed Project would result in a less-than-significant project-level and cumulative health risk impact with the implementation of MM AQ-1: Tier 4 Construction Equipment.

Figure 1: Project Location

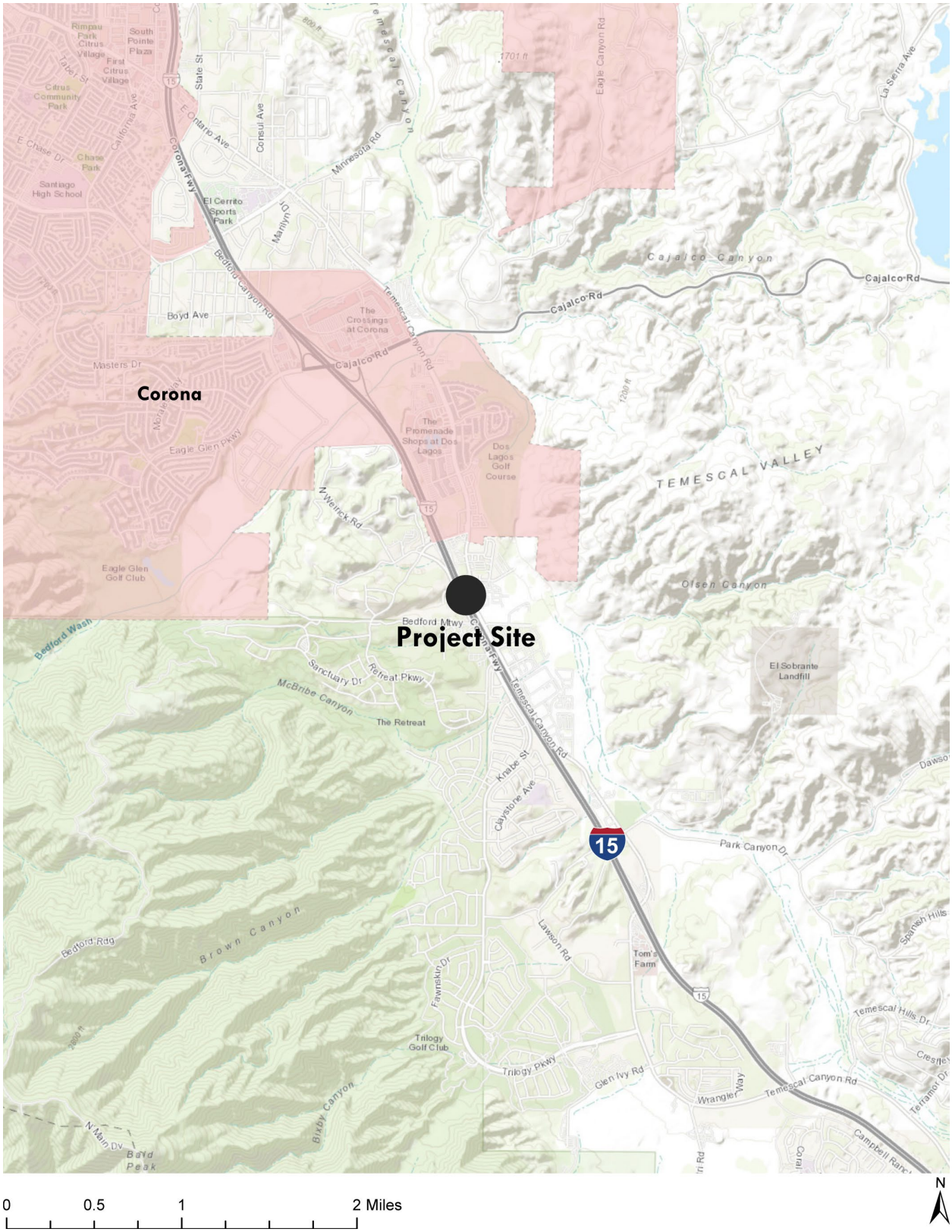
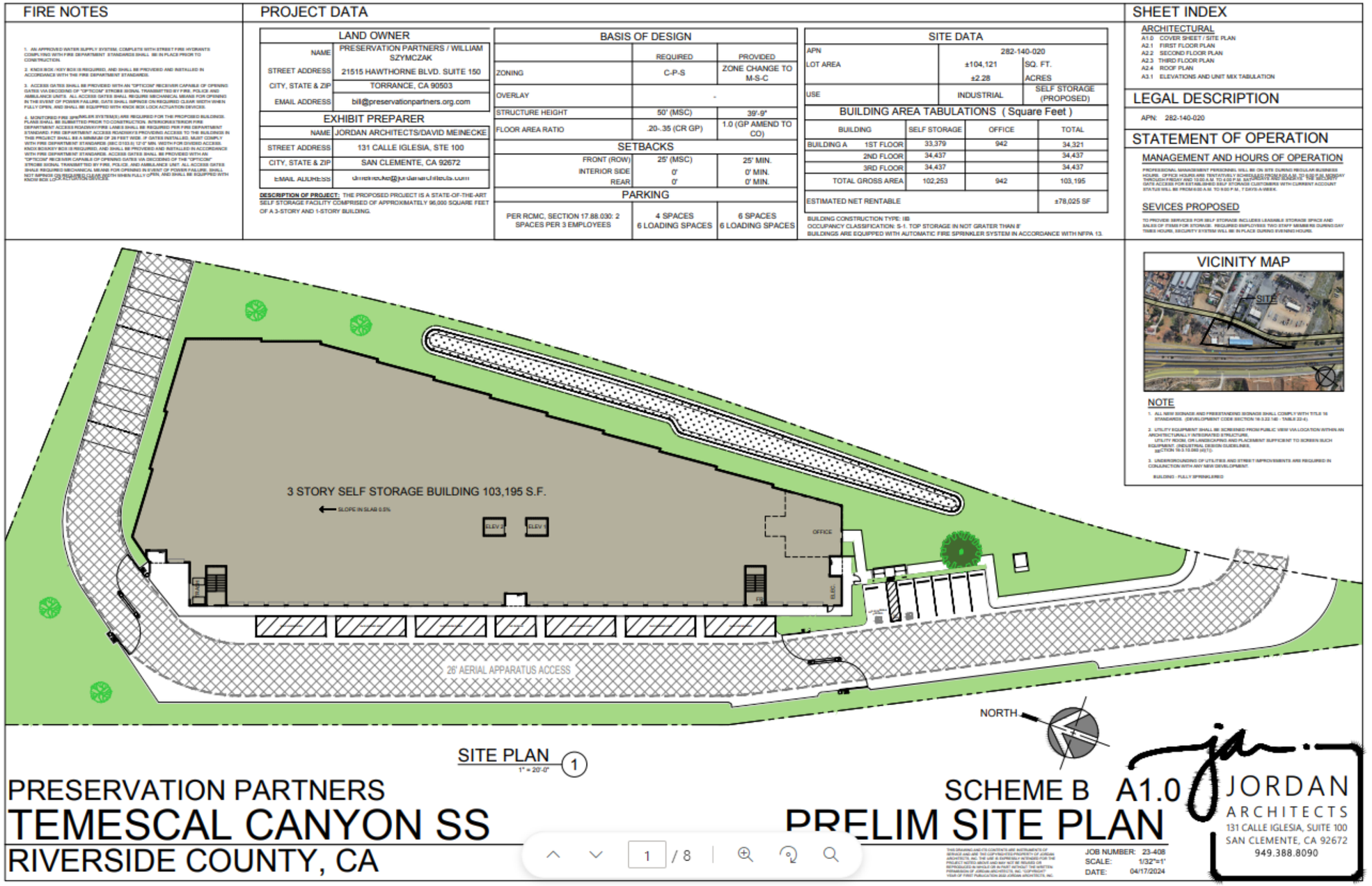


Figure 2: Project Site Plan



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2 HEALTH RISK ASSESSMENT

A Health Risk Assessment (HRA) is a guide that helps determine whether the risks from current or future exposures to a toxic chemical or substance in the environment could affect the health of a population. In general, the quantification of risk from the development of a project depends on the following factors:

- Identification of the toxic air contaminants (TACs) that may be present in the air;
- Estimation of the amount of TACs released from all emission sources using emission models;
- Estimation of the airborne concentrations of TACs in the geographic area of concern using air dispersion models using information about emissions, source locations, weather, and other factors;
- Estimation of the level of exposure to different concentrations of the TACs at different geographic locations and their consequential health impacts.

Thus, an HRA identifies the TACs that could affect public health, identifies the sources and quantities of the TAC emissions, estimates where the emissions are transported by prevailing meteorological conditions, and assesses the consequential health impacts due to the identified exposures.

The State of California Office of Environmental Health Hazards Assessment (OEHHA) has developed methods for conducting HRAs. As defined under the Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588 [Chapter 1252, Statutes of 1987, California Health and Safety Code Section 44306]),

> *"A health risk assessment means a detailed, comprehensive analysis prepared pursuant to Section 44361 to evaluate and predict the dispersion of hazardous substances in the environment and the potential for exposure of human populations and to assess and quantify both the individual and population-wide health risks associated with those levels of exposure."*

The methodology used to estimate health risks and hazards that could potentially affect nearby sensitive receptors from the emissions of TACs is described below. The methodology includes assumptions regarding emission source quantification, configurations and locations, receptor locations, air dispersion modeling, and health risk modeling. As noted above, this HRA focused on DPM emissions that the CARB has identified as the principal airborne carcinogenic substance in California. For purposes of this HRA, DPM was assumed to be comprised of PM_{10} vehicle exhaust emissions.

2.1 SCAQMD Significance Thresholds

Project-Level

The County of Riverside has not adopted a numerical significance threshold for cancer risk or non-cancer hazards. Therefore, the significance thresholds recommended by the SCAQMD were used for this assessment. The relevant significance thresholds are provided below:

- Cancer Risk: ten (10) persons per million population as the maximum acceptable incremental cancer risk due to exposure to TACs
- Non-Cancer HI: 1.0

Cumulative

The SCAQMD conducted an analysis of the cumulative effects of TACs within the South Coast Air Basin as part of its *Multiple Air Toxics Exposure Study in the South Coast Air Basin* (MATES-V, the draft version of this MATES study series).[5] The MATES-V study expresses cumulative TAC impacts in terms of potential increased cancer risks. The MATES-V Study estimates the cumulative TAC-source cancer risk for the localized area encompassing the Project site ranges from 300 to 400 in one million. DPM-source cancer risks are reflected in the area's ambient cumulative cancer risk along with all other TAC-source risks and account for the predominance (68%) of the total risk shown in MATES-V for the Project site area. The cancer risk upper limit of 400 in a million was assumed to comprise the impact from existing TAC emission sources in the region without the impacts from the Project.

The TAC emission inventory used in the MATES-V study to estimate health impacts was representative of emissions for the year 2018. In addition to the MATES-V cumulative TAC-source cancer risk noted above, other new or proposed potential TAC-generating projects (related projects) in the Project area not included in the MATES V study could contribute to cumulative TAC impacts. The SCAQMD has published a white paper on addressing cumulative impacts from air pollution.[6] The white paper recommends a 1,000-foot distance from a proposed project to identify other development projects that could contribute to cumulative impacts with the proposed project.[7] The 1,000-foot evaluation distance is supported by research-based findings concerning TAC emission dispersion rates from roadways and large sources, showing that emissions diminish substantially between 500 and 1,000 feet from emission sources. Thus, while the cumulative analysis incorporates future emissions within 1,000 feet of the source, the project-specific and cumulative significance thresholds of 10 in one million remain the same.

Section 3.3, *Cumulative Analysis,* discusses the cumulative analysis of the Project further.

2.2 Health Risk Estimation Methodology

Cancer Risk

Cancer risks are estimated as the upper-bound incremental probability that an individual would develop cancer due to exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a probability since there is no level below which some level of impact may occur. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). A risk level of 10 in a million implies a likelihood that up to ten people in a population of one million equally exposed people could contract cancer if exposed continuously (24 hours per day) to the levels of TACs over a specified duration

[5] South Coast Air Quality Management District (SCAQMD). (2021). *Multiple Air Toxics Exposure Study in the South Coast Air Basin (MATES-V)*. http://www.aqmd.gov/home/air-quality/air-quality-studies/health-studies/mates-v
[6] South Coast Air Quality Management District (SCAQMD). (2003). *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution.*
[7] SCAQMD. (2019). *CEQA Comment Letter, Mitigated Negative Declaration (MND) for the Proposed Alder II Warehouse Project.* http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2019/january/SBC181221-08.pdf?sfvrsn=8.

of time. This risk is an excess cancer risk in addition to any environmental cancer risk borne by a person not exposed to these air toxins.

The exposure dose is the amount of a chemical taken into the body at a given time. In particular, the exposure dose through inhalation ($Dose_{air}$) is a function of the breathing rate, the exposure frequency, and the concentration of exposures. Breathing rates change over time for different age groups and are determined for specific age groups. The $Dose_{air}$ is calculated for each of the following age groups: 3rd trimester to birth, and 0 to 2, 2 to 16, and 16 to 30 years of age. The OEHHA recommends that the 30-year exposure duration be used as the basis for public notification and risk reduction audits and plans.[8] The risks for each age group are summed together to provide a total estimate of lifetime cancer risks for sensitive receptors. To estimate the cancer risk, the $Dose_{air}$ is estimated by applying the following equation to the DPM concentration at each receptor as calculated by the air dispersion model:

$$Dose_{air} = C_{DPM} \times DBR_i \times A \times EF_i \quad \text{(EQ-1)}$$

Where:

$Dose_{air}$ = dose through inhalation (mg/kg/day)

C_{DPM} = period average concentration of DPM as estimated by the air dispersion model (µg/m^3)

DBR = daily breathing rate for each age group (liters/kg-day) – see Table 1

A = Inhalation absorption factor (unitless = 1)

EF = exposure frequency (days per year)

i – number of age groups

The dose is multiplied by the cancer potency factor, the age sensitivity factors (ASF), the exposure duration (ED), and the fraction of time spent at home (FAH, for sensitive/residential receptors only) divided by averaging time (AT) to arrive at an estimate of cancer risk:

$$\text{Cancer Risk} = \sum_{i=1}^{n} Dose_{air,i} \times CPF \times ASF_i \times ED_i \times FAH_i/AT \quad \text{(EQ-2)}$$

Where:

Cancer Risk = Total individual excess inhalation cancer risk, defined as the cancer risk a hypothetical individual faces if exposed to carcinogenic emissions from a particular source for specified exposure durations; this risk is summed over all age groups; cancer risk is expressed in terms of risk per million exposed individuals.

$Dose_{air,i}$ = inhalation dose through inhalation (mg/kg-day)

CPF = inhalation cancer potency factor (mg/kg-day)$^{-1}$

ASF_i = age sensitivity factors (see Table 1)

ED_i = exposure duration (years) – see Table 1

AT = averaging time of lifetime cancer risk (70 years or 25,550 days)

[8] California Office of Environmental Health Hazards Assessment. (2015). *Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*. Page 8-6.

FAH_i = fraction of time spent at home – see Table 1

n = number of age groups

While the OEHHA recommends that the 30-year exposure duration be used as the basis for public notification and risk reduction audits and plans, the Project's construction duration is expected to only span the 1.26 years, and no significant DPM emissions are anticipated to occur after the completion of the Project's construction during the operation of the Project. For the remainder of this report, the lifetime cancer risk will refer to the construction's time span of 1.26 years.

Thus, for the purpose of this HRA, the exposure duration for sensitive/residential receptors' lifetime cancer risk, was assumed to span the duration of the third trimester pre-birth in 2025 (the Project's starting year of construction) to the year 2026, when the Project's construction would conclude. Estimates of cancer risk were also provided for informational purposes for an adult exposure, also spanning the duration of construction.

Table 1 provides the values for the various cancer risk parameters shown in equations EQ-1 and EQ-2 for the receptor types examined in this assessment. For DPM, the value of the CPF is 1.1 milligrams per kilogram per day.

Table 1: Exposure Assumptions for Cancer Risk–OEHHA/SCAQMD Guidance

Age Group	Exposure Frequency, EF		Exposure Duration, ED (Years)	Age Sensitivity Factors (ASF)	Fraction Time at Home (FAH)	Daily Breathing Rate[a] (DBR) (l/kg-day)
	Hours/Day	Days/Year				
Sensitive/Residential Receptor – Lifetime (Duration of Construction Starting at Pre-birth)						
3rd Trimester to Birth	8	250	0.25	10	1.0	361
0 to 2 years	8	250	1.01	10	1.0	1,090
Sensitive Receptor/Residential Receptor – Adult (1.26-year duration)						
17 years and older	8	250	1.26	1	0.73	261
Worker Receptor (1.26-years duration)						
17 years and older	8	250	1.26	1		230

[a] Daily breathing rates are representative of the 95th percentile for sensitive/residential receptors.
(L/kg-day) = liters per kilogram body weight per day
Source: SCAQMD Rule 1401

Chronic Non-Cancer Hazard

TACs can also cause chronic (long-term) effects and non-cancer illnesses such as reproductive effects, birth defects, or adverse environmental effects. Non-cancer health risks are conveyed in terms of the Hazard Index (HI), a ratio of the predicted concentration of the facility's reported TAC emissions to a concentration that is considered acceptable to public health professionals. A significant risk is defined as an HI of 1 or greater. An HI of less than 1 indicates that no significant health risks are expected from the facility's TAC emissions. The following equation gives the relationship for the non-cancer hazards for TACs:

$$HI = C_{ann}/REL \qquad \text{(EQ-3)}$$

Where:

HI = Hazard Index: an expression of the potential for chronic non-cancer health risks

C_{ann} = Annual average TAC concentration ($\mu g/m^3$)

REL = Reference Exposure Level: the DPM concentration at which no adverse health effects are anticipated

As predicted by the air dispersion model, annual concentrations of DPM are used to estimate chronic non-cancer hazards. The OEHHA has defined an REL for DPM of 5 $\mu g/m^3$.

2.3 Estimation of Project DPM Emissions

Construction DPM Emissions

Construction emissions were calculated using the latest California Emissions Estimation Model (CalEEMod) version, Version 2022.1.[9] DPM emissions were estimated from the CalEEMod construction model for the proposed construction schedule and equipment inventory, using exhaust PM_{10} construction emissions to represent DPM emissions. Construction-related DPM emissions are expected to primarily occur as a function of heavy-duty construction equipment that would operate on-site. Additional DPM emissions would occur from the operation of construction vehicles that travel to/from the Project during construction (haul trucks, vendor trucks, and worker vehicles). The travel links used to estimate the construction DPM emissions were:

- 100% construction truck trips entering and exiting the site through the southernmost driveway on Temescal Road, utilized as a two-lane access point. Traveling north on Temescal Road, utilizing Dos Lagos Drive, and accessing Interstate 15 at the Junction between the north and south ramps.
- 50% of truck trips were analyzed to travel northbound from the Dos Lagos Drive Junction, by traveling northbound on the Interstate 15 ramp.
- The remaining 50% of trucks were analyzed to continue traveling west on Dos Lagos Drive, to then access the southbound onramp to Interstate 15.

The travel link assumptions can be found in Appendix C.1.

Construction Equipment Emission Inventory Development

The first requirement to conduct the HRA involves identifying and quantifying the sources of construction DPM air emissions from the Project, also termed an emission inventory. Each piece of equipment that emits DPM is identified in terms of its location and physical characteristics (release height, release temperature, etc.) and the chemical nature of the emissions. The predominant sources of DPM emissions resulting from the construction of the Project derive from the heavy-duty diesel trucks that travel to, from, and within the Project site each day, as well as the off-road construction equipment used during the six construction phases: demolition, site preparation, grading, building construction, paving, and architectural coating. The Project's DPM exhaust emissions were calculated using the PM_{10} exhaust emissions calculated from CalEEMod. Table 2, *Construction Schedule*, shows the Project's construction schedule approximated by CalEEMod, expected to last approximately 14 months. Table 3, *Proposed Project Construction Equipment Inventory*, shows the Project's proposed construction equipment. Table 4, *Proposed Construction Vehicle Use*, shows the proposed construction vehicle use for worker, vendor, and hauling trips. Table 5, *Project On-site & Off-Site Construction Source DPM Daily Emissions: Unmitigated*, depicts the daily maximum DPM emissions of the Project's on-site and off-site construction, without mitigation. Figure 3, *Locations of the Project's Construction DPM Emission Sources*, depicts the locations of the Project's on-site and off-site construction DPM emission sources.

[9] California Air Resources Board. (2017). *MSEI - Off-Road Archives*. https://ww2.arb.ca.gov/msei-road-archives-0

Table 2: Construction Schedule

Activity	Start Date	End Date	Total Days
Demolition	8/1/2025	8/29/2025	20
Site Preparation	8/30/2025	9/5/2025	5
Grading	9/6/2025	9/17/2025	8
Building Construction	9/18/2025	9/16/2026	260
Paving	9/17/2026	10/12/2026	18
Architectural Coating	10/13/2026	11/5/2026	18

Source: See CalEEMod Output in Appendix A

Table 3: Proposed Project Construction Equipment Inventory

Activity	Equipment	Daily Equipment Quantity	Project Hours per day	Default Horsepower	Default Load Factor
Demolition	Rubber Tired Dozers	1	8	367	0.4
	Concrete/Industrial Saws	1	8	33	0.73
	Tractors/Loaders/Backhoes	3	8	84	0.37
Site Preparation	Crawler Tractors	1	8	87	0.43
	Graders	1	8	148	0.41
	Scrapers	1	8	423	0.48
Grading	Graders	1	8	148	0.41
	Rubber Tired Dozers	1	8	367	0.4
	Crawler Tractors	2	8	87	0.43
Building Construction	Forklifts	2	8	82	0.2
	Generators	1	8	14	0.74
	Cranes	1	8	367	0.29
	Welders	3	8	46	0.45
	Tractors/Loaders/Backhoes	1	8	84	0.37
Paving	Cement and Mortar Mixers	1	8	10	0.56
	Pavers	1	8	81	0.42
	Paving Equipment	1	8	89	0.36
	Rollers	2	8	36	0.38
	Tractors/Loaders/Backhoes	1	8	84	0.37
Architectural Coating	Air Compressors	1	8	37	0.48

Source: See CalEEMod Output in Appendix A

Table 4: Proposed Construction Vehicle Use

Activity	Construction Trips per Day		
	Worker	Vendor Truck	Haul Truck
Demolition	13	0	58
Site Preparation	8	0	0
Grading	10	0	29
Building Construction	43	17	0
Paving	15	0	0
Architectural Coating	9	0	0
Total	**98**	**17**	**87**

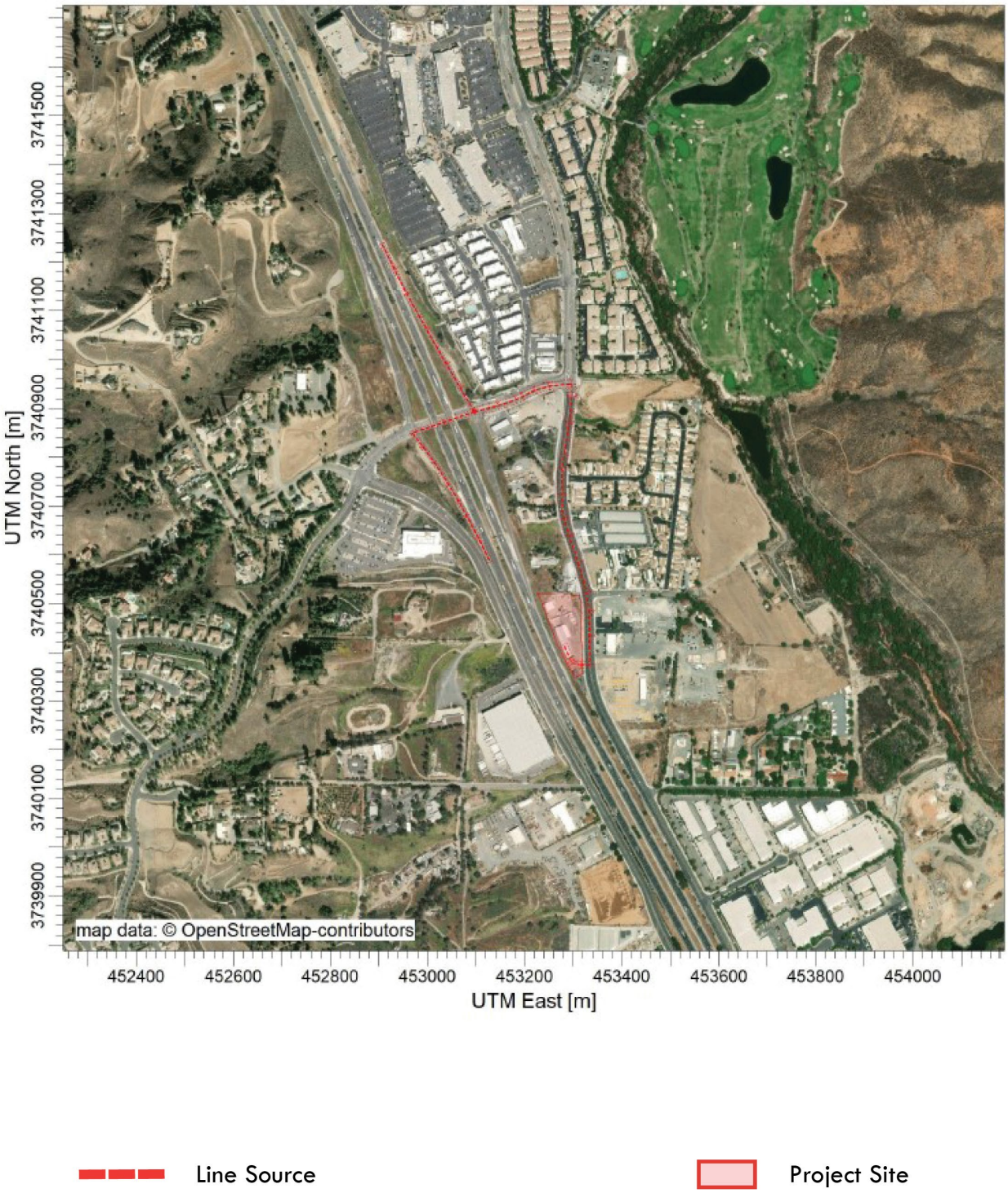
Source: See CalEEMod Output in Appendix A

Table 5: Project On-site & Off-Site Construction Source DPM Daily Emissions: Unmitigated

Activity	Work Days	On-Site	Off-Site	Total
		Maximum Daily DPM Emissions[1] (pounds/day)	Maximum Daily DPM Emissions[1] (pounds/day)	Maximum Daily Construction Emissions (pounds/day)
2025				
Demolition	20	0.57	0.08	
Site Preparation	5	0.62	0.00	
Grading	8	0.94	0.04	
Building Construction	75	0.42	0.01	
Maximum Daily Construction Emissions 2025		0.94	0.08	1.02
2026				
Building Construction	185	0.38	0.08	
Paving	18	0.25	0.00	
Architectural Coating	18	0.03	0.00	
Average Daily Construction Emissions 2026		0.38	0.08	0.46
2025-2026 Maximum Daily Construction Emissions (pounds/day)				1.02

Source: See CalEEMod Output in Appendix A

Figure 3: Locations of the Project's Construction DPM Emission Sources



2.4 Atmospheric Dispersion Methodology

Atmospheric dispersion modeling is the mathematical simulation of how air pollutants disperse in the ambient atmosphere. The modeling is performed with computer programs that solve algorithms simulating the movement and dispersion of air pollutants. The air dispersion model uses emissions from various emission sources and meteorological data such as wind speed and direction, air temperature, and atmospheric mixing rates to estimate the air pollutant impacts at various geographic locations (referred to as receptor locations).

Table 6, *General Modeling Assumptions*, and Table 7, *Summary of Construction Emission Source Configuration*, provide the general assumptions applied in the AERMOD model (Version 23132).

Table 6: General Modeling Assumptions

Feature	Assumption
Terrain Processing	Complex terrain; elevations were obtained for the Project site using the EPA AERMAP terrain data pre-processor Version 18081
Land Use	Urban based on land use patterns surrounding the Project site
Meteorological Data	Lake Elsinore, CA used for the years 2012-2016 from SCAQMD as representative of meteorological conditions on the Project site.
Receptor locations and heights	A network grid was used to include all existing residences and worker locations surrounding the Project site. Additional receptors were located at nearby residences. Finally, receptors were placed at ground level.
Population	Riverside County: 2,474,000

Source: See Data Attachment in Appendix B.1-B.2

Table 7: Summary of Construction Emission Source Configuration

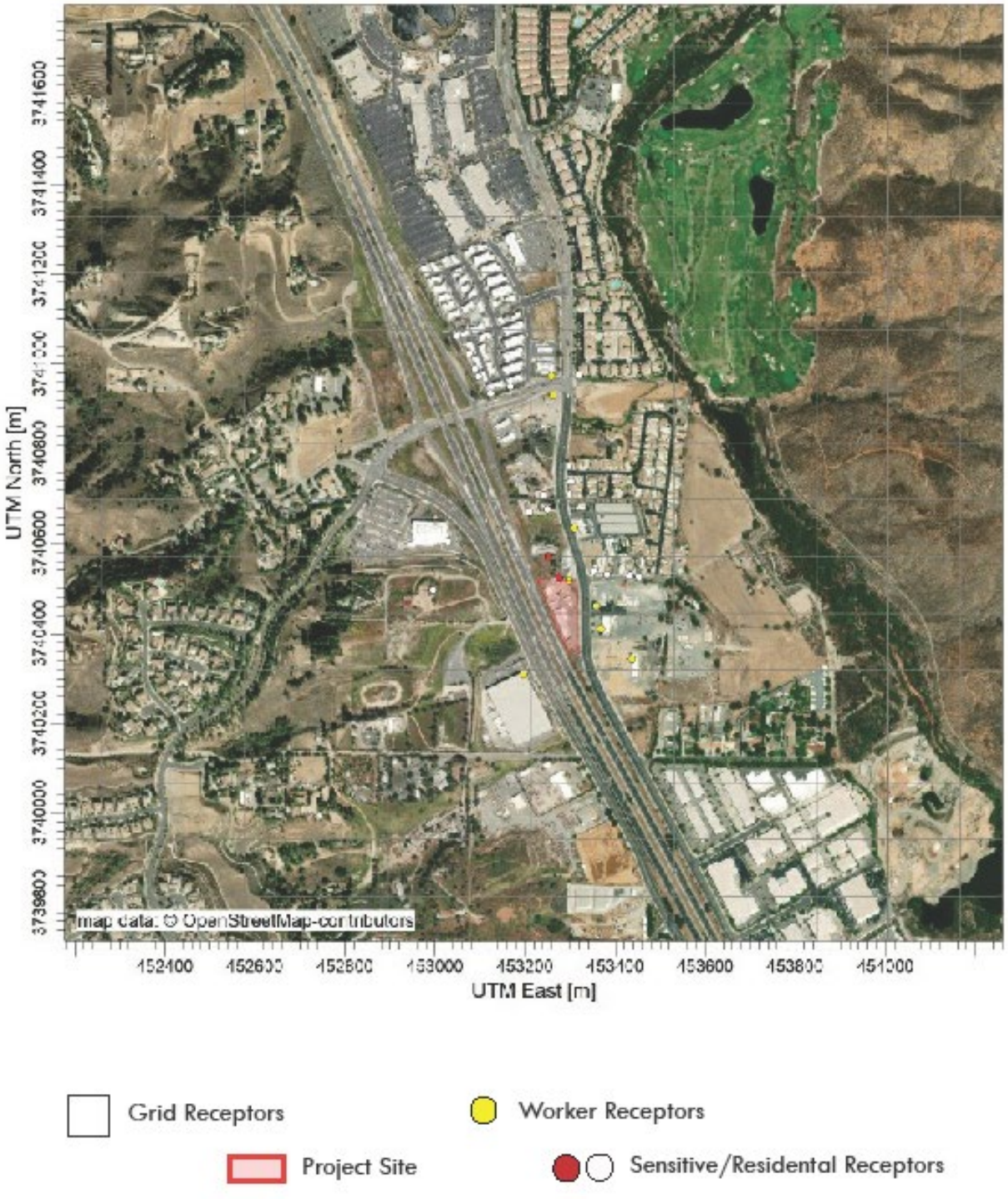
Emission Source Type	Geometric Configuration	Relevant Assumptions
Construction Sources	Polygon Area Source	• Size of the construction area source was the size of the Project area to be constructed (approximately 2.28 acres or 99,316 SF). • Construction Equipment emission source release height – 5 meters (16.4 feet). • Emissions generated from the CalEEMod model. • Construction hours of operation: 8 hours a day, 5 days a week.
Off-site Construction Vehicle Traffic	Line Area Source	• Line Source release height: 3.66 meters (12.0 feet) (EPA Haul Roads Calculator); • Three routes were assumed traveling to and from the Project's site: ○ Off-site 1: Enter/Exit on Southernmost Temescal Road Driveway to I-15 Junction ○ Off-site 2: 15 Ramp Junction to I-15-North Ramp [One Lane] Off-site 3: 15 Ramp Junction to I-15-South Ramp [One Lane]

Source: See Data Attachment in Appendix B.1-B.2

2.5 Receptors

The SCAQMD defines a sensitive receptor as any residence, including private homes, condominiums, apartments, and living quarters, schools, preschools, daycare centers, and health facilities such as hospitals or retirement and nursing homes. A sensitive receptor includes long-term care hospitals, hospices, prisons, and dormitories, or similar live-in housing. For purposes of this HRA, sensitive receptors were placed within the air dispersion model at the location of existing residences and locations along the off-site Project vehicle travel routes. In addition, a regular grid network of receptors was placed over the Project site to complete the receptor network. The nearest sensitive receptor is a residential building located approximately 5 meters (16.4 feet) north of the Project's northern boundary, while the nearest worker receptor is a restaurant that abuts the site boundary to the north of the Project site. Figure 4, *Locations of Air Dispersion Model Receptors*, shows the receptor locations included in the HRA.

Figure 4: Locations of Air Dispersion Model Receptors



3 RESULTS OF THE HEALTH RISK ASSESSMENT

3.1 Project-Level Risk Results

Table 8, *Summary of Proposed Project Construction Health Risk: Unmitigated*, presents a summary of the unmitigated cancer risks and chronic non-cancer hazards resulting from the Project's construction along with the SCAQMD health risk significance thresholds. As noted in Table 8, the estimated unmitigated maximum cancer risks is 42.09 in one million for the pre-birth to 1.26-year duration. All results for chronic non-cancer HI comply with the significance threshold of 1.0, as the Project's maximum unmitigated results for HI is 0.06. Mitigation measures would be required to reduce this impact. The required mitigation is identified in Section 3.2, *Project Mitigation*, of this report.

Table 8: Summary of Proposed Project Construction Health Risk: Unmitigated

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Lifetime: Duration of Construction Starting at Pre-Birth (1.26 years)	35.37	10	Yes
Maximum Impacted Sensitive Receptor – Adult	0.71	10	No
Maximum Impacted Worker Receptor	0.92	10	No
Receptor	**Chronic Non-Cancer Hazard Index**		**Exceeds Significance Threshold?**
	Maximum Lifetime Proposed Project Risk	**Significance Threshold**	
Maximum Impacted Sensitive Receptor – Lifetime: Duration of Construction Starting at Pre-Birth (1.26 years)	0.06	1.0	No
Maximum Impacted Sensitive Receptor – Adult	0.06	1.0	No
Maximum Impacted Worker Receptor	0.06	1.0	No

Source: See Data Attachment in Appendix D.1

3.2 Project Mitigation

Per SCAG's 4.0 Mitigation Measure (MM) AQ-1, projects are required to utilize Tier 4 Final or superior equipment for all construction equipment.[10] If construction equipment cannot meet Tier 4 Final engine certification standards, the Project representative or contractor must provide a future study with written

[10] South Coast Association of Governments (SCAG). (2020). *Connect SoCal PEIR Addendum.* https://scag.ca.gov/sites/main/files/file-attachments/fpeir_connectsocal_addendum_4_mitigationmeasures.pdf?1606004420

findings, backed by substantial evidence, for approval by SCAG before resorting to alternative technologies or strategies. Potential alternative strategies may encompass the use of Tier 4 Final equipment, reducing the number and/or horsepower rating of construction equipment, or limiting simultaneous equipment operation. All equipment must undergo tuning and adhere to the manufacturer's recommended maintenance schedule and specifications. Maintenance records for each piece of equipment, along with those of their contractors, must be available for inspection and kept on-site for a minimum of two years following construction completion. An exception to this requirement may be considered if a project can demonstrate that Tier 4 engines are unnecessary to reduce emissions below significance thresholds.

Since the adult and worker receptor cancer risk results did not exceed the 10 in one million threshold and the non-cancer HI results are below the SCAQMD significance threshold, it should be noted that with the implementation of MM AQ-1, the impacts of the Project's construction cancer risk as well as the non-cancer risk impact would be further reduced. The updated cancer risk for the Project's construction impacts, with the implementation of Tier 4 mitigation measures, was calculated and is shown below in Table 9, *Summary of Project's Mitigated Construction Health Risk*. As noted in the table, the proposed Project's maximum lifetime cancer risk after mitigation is 3.29 in one million, which is below the utilized SCAQMD thresholds for the proposed Project. Thus, the impact would be less than significant with the implementation of MM AQ-1. As the Project's chronic non-cancer risk results, as well as the cancer risk for adult and worker receptors, were below the significance threshold, the calculations have been intentionally omitted from Table 9; however, with the implementation of MM AQ-1, the HI and cancer risk would further decrease and continue to have a less-than-significant impact. The Project's construction DPM emissions calculations with Tier 4 Final mitigation implemented can be found in Appendix A.2.

Table 9: Summary of Project's Mitigated Construction Health Risk

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Lifetime: Duration of Construction Starting at Pre-Birth (1.26 years)	3.29	10	No

Note: Modeling and calculations of Table 9 utilizes mitigation measures, which requires and makes use of MM AQ-1 Tier 4 Final equipment for all equipment.
Source: See Data Attachment in Appendix D.2

3.3 Cumulative Analysis

As discussed in Section 2.1, *SCAQMD Significance Thresholds*, the SCAQMD has applied a 1,000-foot distance from a proposed project to identify other development projects that could contribute to cumulative impacts with the proposed project. The search radius for this Project was extended to 0.25 miles (1,320 feet) to identify potential cumulative sources.

Within the surrounding region of approximately 0.25 miles around the Project, there are no ensuing or ongoing industrial developments located within this radius. The Project's maximum cancer risk is less than the 10 in one million project-level threshold, with mitigation implemented. Thus, with no cumulative increase in

DPM emissions from surrounding projects, the Project would result in a less-than-significant cumulative impact with mitigation.

3.4 Conclusion

The Project's construction DPM emissions would exceed the lifetime cancer risk threshold of 10 in one million at the maximum impacted sensitive receptor. The proposed Project's construction DPM emissions would not exceed the non-cancer hazard index (HI) threshold of 1.0. Below are the impacts for lifetime cancer risk, as well as lifetime non-cancer risk calculations, analyzed without mitigation implemented:

Project Construction Unmitigated Health Risk Impacts:

- Sensitive/Residential receptor for the lifetime exposure duration: 35.37 in one million,
- Worker Receptor: 0.92 in one million,
- Sensitive receptor chronic non-cancer HI: 0.06,
- Worker receptor chronic non-cancer HI: 0.06.

To mitigate the significant construction health risk impact, the following mitigation is proposed:

> Per SCAG's 4.0 Mitigation Measure (MM) AQ-1, projects are required to utilize Tier 4 Final or superior equipment for all construction equipment.[11] If construction equipment cannot meet Tier 4 Final engine certification standards, the Project representative or contractor must provide a future study with written findings, backed by substantial evidence, for approval by SCAG before resorting to alternative technologies or strategies. Potential alternative strategies may encompass the use of Tier 4 Interim equipment, reducing the number and/or horsepower rating of construction equipment, or limiting simultaneous equipment operation. All equipment must undergo tuning and adhere to the manufacturer's recommended maintenance schedule and specifications. Maintenance records for each piece of equipment, along with those of their contractors, must be available for inspection and kept on-site for a minimum of two years following construction completion. An exception to this requirement may be considered if a project can demonstrate that Tier 4 engines are unnecessary to reduce emissions below significance thresholds. Below are the construction health risk impacts with mitigation implemented.

Project Construction Mitigated Health Risk Impacts:

- Sensitive/residential receptor for the lifetime exposure duration: 3.29 in one million

Although the unmitigated DPM emissions during construction do not exceed the threshold for chronic non-cancer HI, it should be noted that with the implementation of MM AQ-1, the impacts of the Project's construction cancer risk as well as the non-cancer risk impact would also be reduced.

Therefore, the construction of the proposed Project would result in a less than significant project-level and cumulative health risk impact with the implementation of MM AQ-1: Tier 4 Construction Equipment.

[11] South Coast Association of Governments (SCAG). (2020). *Connect SoCal PEIR Addendum.* https://scag.ca.gov/sites/main/files/file-attachments/fpeir_connectsocal_addendum_4_mitigationmeasures.pdf?1606004420

APPENDIX A.1 – CALEEMOD OUTPUT FOR PROJECT CONSTRUCTION

Temescal Canyon Rd Detailed Report

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1.1. Basic Project Information

Data Field	Value
Project Name	Temescal Canyon Rd
Construction Start Date	8/1/2025
Operational Year	2026
Lead Agency	Riverside County
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.20
Precipitation (days)	21.8
Location	21785 Temescal Canyon Rd, Corona, CA 92883, USA
County	Riverside-South Coast
City	Unincorporated
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5582
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.26

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	103	1000sqft	1.67	103,195	38,262	—	—	—

Parking Lot	10.0	Space	0.09	0.00	0.00	—	—	—
Other Asphalt Surfaces	0.52	Acre	0.52	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unmit.	1.99	19.5	0.97	4.99	2.00	6,832
Daily, Winter (Max)	—	—	—	—	—	—
Unmit.	53.8	11.9	0.43	1.14	0.57	3,430
Average Daily (Max)	—	—	—	—	—	—
Unmit.	3.40	6.09	0.21	0.61	0.28	1,818
Annual (Max)	—	—	—	—	—	—
Unmit.	0.62	1.11	0.04	0.11	0.05	301
Exceeds (Daily Max)	—	—	—	—	—	—
Threshold	75.0	100	—	150	55.0	—
Unmit.	No	No	—	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—
Threshold	75.0	100	—	150	55.0	—
Unmit.	No	No	—	No	No	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—
2025	1.99	19.5	0.97	4.99	2.00	6,832
2026	1.42	11.2	0.38	1.10	0.53	3,460
Daily - Winter (Max)	—	—	—	—	—	—
2025	1.48	11.9	0.43	1.14	0.57	3,430
2026	53.8	11.3	0.38	1.10	0.53	3,409
Average Daily	—	—	—	—	—	—
2025	0.45	4.06	0.15	0.61	0.25	1,227
2026	3.40	6.09	0.21	0.58	0.28	1,818
Annual	—	—	—	—	—	—
2025	0.08	0.74	0.03	0.11	0.04	203
2026	0.62	1.11	0.04	0.11	0.05	301

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unmit.	4.10	1.64	0.07	2.44	0.67	4,449
Daily, Winter (Max)	—	—	—	—	—	—
Unmit.	3.31	1.68	0.06	2.43	0.66	4,253
Average Daily (Max)	—	—	—	—	—	—
Unmit.	3.69	1.55	0.06	2.04	0.56	3,894
Annual (Max)	—	—	—	—	—	—
Unmit.	0.67	0.28	0.01	0.37	0.10	645
Exceeds (Daily Max)	—	—	—	—	—	—
Threshold	55.0	55.0	—	150	55.0	—
Unmit.	No	No	—	No	No	—

Exceeds (Average Daily)	—	—	—	—	—	—
Threshold	55.0	55.0	—	150	55.0	—
Unmit.	No	No	—	No	No	—
Exceeds (Annual)	—	—	—	—	—	—
Threshold	—	—	—	—	—	3,000
Unmit.	—	—	—	—	—	No

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Mobile	0.86	1.07	0.02	2.39	0.62	2,804
Area	3.21	0.04	0.01	0.01	0.01	18.5
Energy	0.03	0.53	0.04	0.04	0.04	1,090
Water	—	—	—	—	—	354
Waste	—	—	—	—	—	183
Total	4.10	1.64	0.07	2.44	0.67	4,449
Daily, Winter (Max)	—	—	—	—	—	—
Mobile	0.81	1.15	0.02	2.39	0.62	2,627
Area	2.47	—	—	—	—	—
Energy	0.03	0.53	0.04	0.04	0.04	1,090
Water	—	—	—	—	—	354
Waste	—	—	—	—	—	183
Total	3.31	1.68	0.06	2.43	0.66	4,253
Average Daily	—	—	—	—	—	—
Mobile	0.68	1.00	0.02	2.00	0.52	2,254
Area	2.98	0.03	0.01	0.01	< 0.005	12.7
Energy	0.03	0.53	0.04	0.04	0.04	1,090

Water	—	—	—	—	—	354
Waste	—	—	—	—	—	183
Total	3.69	1.55	0.06	2.04	0.56	3,894
Annual	—	—	—	—	—	—
Mobile	0.12	0.18	< 0.005	0.36	0.09	373
Area	0.54	< 0.005	< 0.005	< 0.005	< 0.005	2.10
Energy	0.01	0.10	0.01	0.01	0.01	180
Water	—	—	—	—	—	58.6
Waste	—	—	—	—	—	30.3
Total	0.67	0.28	0.01	0.37	0.10	645

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

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

Location	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	1.47	13.9	0.57	0.57	0.52	2,502
Demolition	—	—	—	3.14	0.48	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.08	0.76	0.03	0.03	0.03	137
Demolition	—	—	—	0.17	0.03	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.01	0.14	0.01	0.01	0.01	22.7

Demolition	—	—	—	0.03	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.06	0.05	0.00	0.16	0.04	179
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.06	4.39	0.08	1.11	0.37	4,151
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	0.01	< 0.005	9.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.25	< 0.005	0.06	0.02	227
Annual	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	1.51
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.05	< 0.005	0.01	< 0.005	37.6

3.3. Site Preparation (2025) - Unmitigated

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

Location	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	1.39	12.5	0.62	0.62	0.57	2,821
Dust From Material Movement	—	—	—	0.55	0.06	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—

Off-Road Equipment	0.02	0.17	0.01	0.01	0.01	38.6
Dust From Material Movement	—	—	—	0.01	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	< 0.005	< 0.005	< 0.005	6.40
Dust From Material Movement	—	—	—	< 0.005	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.03	0.03	0.00	0.10	0.02	107
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	1.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.23
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2025) - Unmitigated

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

Location	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—

Off-Road Equipment	1.91	17.3	0.94	0.94	0.86	2,653
Dust From Material Movement	—	—	—	2.12	0.92	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.04	0.38	0.02	0.02	0.02	58.1
Dust From Material Movement	—	—	—	0.05	0.02	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	< 0.005	< 0.005	< 0.005	9.63
Dust From Material Movement	—	—	—	0.01	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.04	0.04	0.00	0.13	0.03	143
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	2.22	0.04	0.56	0.19	2,097
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	2.92
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.05	< 0.005	0.01	< 0.005	45.9
Annual	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.48
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	7.60

3.7. Building Construction (2025) - Unmitigated

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

Location	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	1.28	11.1	0.42	0.42	0.39	2,320
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	1.28	11.1	0.42	0.42	0.39	2,320
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.26	2.27	0.09	0.09	0.08	477
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.05	0.41	0.02	0.02	0.01	78.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.19	0.19	0.00	0.57	0.13	620
Vendor	0.01	0.57	0.01	0.15	0.05	543
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.18	0.21	0.00	0.57	0.13	569
Vendor	0.01	0.59	0.01	0.15	0.05	542
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Worker	0.04	0.05	0.00	0.11	0.03	119
Vendor	< 0.005	0.12	< 0.005	0.03	0.01	111

Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	0.01	0.01	0.00	0.02	< 0.005	19.6
Vendor	< 0.005	0.02	< 0.005	0.01	< 0.005	18.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2026) - Unmitigated

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

Location	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	1.22	10.5	0.38	0.38	0.35	2,320
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	1.22	10.5	0.38	0.38	0.35	2,320
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.62	5.34	0.19	0.19	0.18	1,176
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.11	0.97	0.03	0.03	0.03	195
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.18	0.17	0.00	0.57	0.13	607
Vendor	0.01	0.54	0.01	0.15	0.05	534
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—

Worker	0.17	0.19	0.00	0.57	0.13	556
Vendor	0.01	0.57	0.01	0.15	0.05	533
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Worker	0.09	0.11	0.00	0.28	0.07	286
Vendor	0.01	0.29	< 0.005	0.08	0.02	270
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	0.02	0.02	0.00	0.05	0.01	47.3
Vendor	< 0.005	0.05	< 0.005	0.01	< 0.005	44.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2026) - Unmitigated

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

Location	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	0.67	5.88	0.25	0.25	0.23	1,248
Paving	0.09	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	0.67	5.88	0.25	0.25	0.23	1,248
Paving	0.09	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.03	0.29	0.01	0.01	0.01	61.5
Paving	< 0.005	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	< 0.005	< 0.005	< 0.005	10.2
Paving	< 0.005	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.06	0.06	0.00	0.20	0.05	210
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.06	0.07	0.00	0.20	0.05	193
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	0.01	< 0.005	9.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	1.59
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2026) - Unmitigated

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

Location	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—

Off-Road Equipment	0.16	1.14	0.03	0.03	0.03	179
Architectural Coatings	53.6	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	< 0.005	< 0.005	< 0.005	8.81
Architectural Coatings	2.64	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	< 0.005	< 0.005	< 0.005	1.46
Architectural Coatings	0.48	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.03	0.04	0.00	0.11	0.03	111
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	0.01	< 0.005	5.56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.92
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.86	1.07	0.02	2.39	0.62	2,804
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.86	1.07	0.02	2.39	0.62	2,804
Daily, Winter (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.81	1.15	0.02	2.39	0.62	2,627
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.81	1.15	0.02	2.39	0.62	2,627
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.12	0.18	< 0.005	0.36	0.09	373
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.12	0.18	< 0.005	0.36	0.09	373

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e

Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	453
Parking Lot	—	—	—	—	—	3.28
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	456
Daily, Winter (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	453
Parking Lot	—	—	—	—	—	3.28
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	456
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	75.0
Parking Lot	—	—	—	—	—	0.54
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	75.6

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.53	0.04	0.04	0.04	633
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.53	0.04	0.04	0.04	633
Daily, Winter (Max)	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	0.03	0.53	0.04	0.04	0.04	633
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.53	0.04	0.04	0.04	633
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.10	0.01	0.01	0.01	105
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.10	0.01	0.01	0.01	105

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Consumer Products	2.21	—	—	—	—	—
Architectural Coatings	0.26	—	—	—	—	—
Landscape Equipment	0.74	0.04	0.01	0.01	0.01	18.5
Total	3.21	0.04	0.01	0.01	0.01	18.5
Daily, Winter (Max)	—	—	—	—	—	—
Consumer Products	2.21	—	—	—	—	—
Architectural Coatings	0.26	—	—	—	—	—
Total	2.47	—	—	—	—	—
Annual	—	—	—	—	—	—
Consumer Products	0.40	—	—	—	—	—
Architectural Coatings	0.05	—	—	—	—	—

Landscape Equipment	0.09	< 0.005	< 0.005	< 0.005	< 0.005	2.10
Total	0.54	< 0.005	< 0.005	< 0.005	< 0.005	2.10

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	354
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	354
Daily, Winter (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	354
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	354
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	58.6
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	58.6

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	183
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	183
Daily, Winter (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	183
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	183
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	30.3
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	30.3

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—

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

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Total	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Total	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Total	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Total	—	—	—	—	—	—

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

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

Land Use	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	ROG	NOx	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Avoided	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
Removed	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Avoided	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
Removed	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
—	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Avoided	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—

Sequestered	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
Removed	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	8/1/2025	8/29/2025	5.00	20.0	—
Site Preparation	Site Preparation	8/30/2025	9/5/2025	5.00	5.00	—
Grading	Grading	9/6/2025	9/17/2025	5.00	8.00	—
Building Construction	Building Construction	9/18/2025	9/16/2026	5.00	260	—
Paving	Paving	9/17/2026	10/12/2026	5.00	18.0	—
Architectural Coating	Architectural Coating	10/13/2026	11/5/2026	5.00	18.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	0.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43

Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41
Site Preparation	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	0.00	8.00	84.0	0.37
Grading	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Building Construction	Forklifts	Diesel	Average	2.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	12.5	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	57.4	20.0	HHDT

Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	29.0	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	43.3	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	16.9	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	8.67	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	154,793	51,598	1,594

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	4,589	—
Site Preparation	0.00	0.00	17.5	0.00	—
Grading	1,850	0.00	32.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.61

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Parking Lot	0.09	100%
Other Asphalt Surfaces	0.52	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	346	0.03	< 0.005
2025	0.00	349	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	150	183	155	56,607	2,737	3,341	2,832	1,035,536
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	154,793	51,598	1,594

5.10.3. Landscape Equipment

Season	Unit	Value

Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	474,940	346	0.0330	0.0040	1,970,218
Parking Lot	3,434	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	23,863,844	606,671
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	97.0	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

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

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	21.7	annual days of extreme heat
Extreme Precipitation	4.75	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	36.5	annual hectares burned

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	80.0
AQ-PM	67.8
AQ-DPM	67.6
Drinking Water	84.6
Lead Risk Housing	0.21
Pesticides	0.00
Toxic Releases	57.5
Traffic	98.0
Effect Indicators	—
CleanUp Sites	20.5
Groundwater	22.1
Haz Waste Facilities/Generators	53.5
Impaired Water Bodies	0.00
Solid Waste	35.7
Sensitive Population	—
Asthma	14.2
Cardio-vascular	59.5
Low Birth Weights	7.95

Socioeconomic Factor Indicators	—
Education	34.4
Housing	27.2
Linguistic	23.8
Poverty	28.4
Unemployment	9.72

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	67.39381496
Employed	33.54292314
Median HI	59.36096497
Education	—
Bachelor's or higher	53.83036058
High school enrollment	13.01167715
Preschool enrollment	41.57577313
Transportation	—
Auto Access	98.98626973
Active commuting	56.40959836
Social	—
2-parent households	63.9291672
Voting	60.6698319
Neighborhood	—
Alcohol availability	87.60426023
Park access	6.403182343
Retail density	25.70255357

Supermarket access	32.86282561
Tree canopy	17.84935198
Housing	—
Homeownership	93.09636854
Housing habitability	80.67496471
Low-inc homeowner severe housing cost burden	10.29128705
Low-inc renter severe housing cost burden	92.26228667
Uncrowded housing	79.21211344
Health Outcomes	—
Insured adults	46.18247145
Arthritis	65.9
Asthma ER Admissions	75.3
High Blood Pressure	69.1
Cancer (excluding skin)	57.8
Asthma	37.3
Coronary Heart Disease	83.6
Chronic Obstructive Pulmonary Disease	56.7
Diagnosed Diabetes	84.4
Life Expectancy at Birth	65.8
Cognitively Disabled	70.6
Physically Disabled	95.1
Heart Attack ER Admissions	34.7
Mental Health Not Good	44.5
Chronic Kidney Disease	85.5
Obesity	38.6
Pedestrian Injuries	44.2
Physical Health Not Good	59.3
Stroke	80.6

Health Risk Behaviors	—
Binge Drinking	18.0
Current Smoker	31.7
No Leisure Time for Physical Activity	53.7
Climate Change Exposures	—
Wildfire Risk	20.0
SLR Inundation Area	0.0
Children	81.0
Elderly	17.9
English Speaking	75.7
Foreign-born	45.7
Outdoor Workers	53.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	75.6
Traffic Density	86.0
Traffic Access	23.0
Other Indices	—
Hardship	52.3
Other Decision Support	—
2016 Voting	67.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	26.0
Healthy Places Index Score for Project Location (b)	51.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Building Construction workdays were updated from 230 days to 260 days based on construction schedule provided by the client.
Construction: Off-Road Equipment	Assumed all equipment will be used 8 hours per day. Tractor/Loader Backhoes were replaced with Crawler Tractor.
Construction: Trips and VMT	Assumed all equipment will be used 8 hours per day
Land Use	Justification made based on the project site plan.
Construction: Dust From Material Movement	Import volumes provided by the client
Operations: Vehicle Data	Weekday, Saturday, Sunday rates were adjusted based on ITE 11th Edition.

APPENDIX A.2 – CALEEMOD OUTPUT FOR PROJECT MITIGATED CONSTRUCTION

Temescal Canyon Rd PM10 Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Temescal Canyon Rd PM10
Construction Start Date	8/1/2025
Operational Year	2026
Lead Agency	Riverside County
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.20
Precipitation (days)	21.8
Location	21785 Temescal Canyon Rd, Corona, CA 92883, USA
County	Riverside-South Coast
City	Unincorporated
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5582
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.26

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	103	1000sqft	1.67	103,195	38,262	—	—	—

Parking Lot	10.0	Space	0.09	0.00	0.00	—	—	—
Other Asphalt Surfaces	0.52	Acre	0.52	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unmit.	6.71	17.1	0.12	4.47	1.19	6,832
Daily, Winter (Max)	—	—	—	—	—	—
Unmit.	4.60	16.3	0.05	0.76	0.22	3,430
Average Daily (Max)	—	—	—	—	—	—
Unmit.	2.45	8.74	0.03	0.47	0.12	1,818
Annual (Max)	—	—	—	—	—	—
Unmit.	0.45	1.60	< 0.005	0.09	0.02	301
Exceeds (Daily Max)	—	—	—	—	—	—
Threshold	100	550	—	150	55.0	—
Unmit.	No	No	—	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—
Threshold	100	550	—	150	55.0	—
Unmit.	No	No	—	No	No	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—
2025	6.71	17.1	0.12	4.47	1.19	6,832
2026	4.51	16.8	0.05	0.76	0.22	3,460
Daily - Winter (Max)	—	—	—	—	—	—
2025	4.60	16.3	0.05	0.76	0.22	3,430
2026	4.55	16.1	0.05	0.76	0.22	3,409
Average Daily	—	—	—	—	—	—
2025	1.43	4.86	0.02	0.47	0.12	1,227
2026	2.45	8.74	0.03	0.40	0.12	1,818
Annual	—	—	—	—	—	—
2025	0.26	0.89	< 0.005	0.09	0.02	203
2026	0.45	1.60	< 0.005	0.07	0.02	301

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unmit.	1.64	15.1	0.07	2.44	0.67	4,449
Daily, Winter (Max)	—	—	—	—	—	—
Unmit.	1.68	8.79	0.06	2.43	0.66	4,253
Average Daily (Max)	—	—	—	—	—	—
Unmit.	1.55	10.9	0.06	2.04	0.56	3,894
Annual (Max)	—	—	—	—	—	—
Unmit.	0.28	1.99	0.01	0.37	0.10	645
Exceeds (Daily Max)	—	—	—	—	—	—
Threshold	55.0	550	—	150	55.0	—
Unmit.	No	No	—	No	No	—

Exceeds (Average Daily)	—	—	—	—	—	—
Threshold	55.0	550	—	150	55.0	—
Unmit.	No	No	—	No	No	—
Exceeds (Annual)	—	—	—	—	—	—
Threshold	—	—	—	—	—	3,000
Unmit.	—	—	—	—	—	No

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Mobile	1.07	10.2	0.02	2.39	0.62	2,804
Area	0.04	4.49	0.01	0.01	0.01	18.5
Energy	0.53	0.44	0.04	0.04	0.04	1,090
Water	—	—	—	—	—	354
Waste	—	—	—	—	—	183
Total	1.64	15.1	0.07	2.44	0.67	4,449
Daily, Winter (Max)	—	—	—	—	—	—
Mobile	1.15	8.35	0.02	2.39	0.62	2,627
Area	—	—	—	—	—	—
Energy	0.53	0.44	0.04	0.04	0.04	1,090
Water	—	—	—	—	—	354
Waste	—	—	—	—	—	183
Total	1.68	8.79	0.06	2.43	0.66	4,253
Average Daily	—	—	—	—	—	—
Mobile	1.00	7.37	0.02	2.00	0.52	2,254
Area	0.03	3.07	0.01	0.01	< 0.005	12.7
Energy	0.53	0.44	0.04	0.04	0.04	1,090

Water	—	—	—	—	—	354
Waste	—	—	—	—	—	183
Total	1.55	10.9	0.06	2.04	0.56	3,894
Annual	—	—	—	—	—	—
Mobile	0.18	1.34	< 0.005	0.36	0.09	373
Area	< 0.005	0.56	< 0.005	< 0.005	< 0.005	2.10
Energy	0.10	0.08	0.01	0.01	0.01	180
Water	—	—	—	—	—	58.6
Waste	—	—	—	—	—	30.3
Total	0.28	1.99	0.01	0.37	0.10	645

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	2.27	14.6	0.05	0.05	0.05	2,502
Demolition	—	—	—	3.14	0.48	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.12	0.80	< 0.005	< 0.005	< 0.005	137
Demolition	—	—	—	0.17	0.03	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.02	0.15	< 0.005	< 0.005	< 0.005	22.7

Demolition	—	—	—	0.03	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.05	0.97	0.00	0.16	0.04	179
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	4.39	1.07	0.08	1.11	0.37	4,151
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Worker	< 0.005	0.04	0.00	0.01	< 0.005	9.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.25	0.06	< 0.005	0.06	0.02	227
Annual	—	—	—	—	—	—
Worker	< 0.005	0.01	0.00	< 0.005	< 0.005	1.51
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	< 0.005	0.01	< 0.005	37.6

3.3. Site Preparation (2025) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	1.38	15.7	0.05	0.05	0.05	2,821
Dust From Material Movement	—	—	—	0.55	0.06	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—

Off-Road Equipment	0.02	0.22	< 0.005	< 0.005	< 0.005	38.6
Dust From Material Movement	—	—	—	0.01	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	< 0.005	< 0.005	< 0.005	6.40
Dust From Material Movement	—	—	—	< 0.005	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.03	0.58	0.00	0.10	0.02	107
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Worker	< 0.005	0.01	0.00	< 0.005	< 0.005	1.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.23
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2025) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—

Off-Road Equipment	1.29	15.6	0.05	0.05	0.05	2,653
Dust From Material Movement	—	—	—	2.12	0.92	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.03	0.34	< 0.005	< 0.005	< 0.005	58.1
Dust From Material Movement	—	—	—	0.05	0.02	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	< 0.005	< 0.005	< 0.005	9.63
Dust From Material Movement	—	—	—	0.01	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.04	0.77	0.00	0.13	0.03	143
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.22	0.54	0.04	0.56	0.19	2,097
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Worker	< 0.005	0.01	0.00	< 0.005	< 0.005	2.92
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	< 0.005	0.01	< 0.005	45.9
Annual	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.48
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	< 0.005	< 0.005	< 0.005	7.60

3.7. Building Construction (2025) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	3.79	13.5	0.04	0.04	0.04	2,320
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	3.79	13.5	0.04	0.04	0.04	2,320
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.78	2.78	0.01	0.01	0.01	477
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.14	0.51	< 0.005	< 0.005	< 0.005	78.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.19	3.35	0.00	0.57	0.13	620
Vendor	0.57	0.18	0.01	0.15	0.05	543
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.21	2.53	0.00	0.57	0.13	569
Vendor	0.59	0.18	0.01	0.15	0.05	542
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Worker	0.05	0.55	0.00	0.11	0.03	119
Vendor	0.12	0.04	< 0.005	0.03	0.01	111

Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	0.01	0.10	0.00	0.02	< 0.005	19.6
Vendor	0.02	0.01	< 0.005	0.01	< 0.005	18.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2026) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	3.79	13.5	0.04	0.04	0.04	2,320
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	3.79	13.5	0.04	0.04	0.04	2,320
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	1.92	6.86	0.02	0.02	0.02	1,176
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.35	1.25	< 0.005	< 0.005	< 0.005	195
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.17	3.11	0.00	0.57	0.13	607
Vendor	0.54	0.17	0.01	0.15	0.05	534
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—

Worker	0.19	2.36	0.00	0.57	0.13	556
Vendor	0.57	0.17	0.01	0.15	0.05	533
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Worker	0.11	1.25	0.00	0.28	0.07	286
Vendor	0.29	0.09	< 0.005	0.08	0.02	270
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	0.02	0.23	0.00	0.05	0.01	47.3
Vendor	0.05	0.02	< 0.005	0.01	< 0.005	44.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2026) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	1.77	8.32	0.02	0.02	0.02	1,248
Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	1.77	8.32	0.02	0.02	0.02	1,248
Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.09	0.41	< 0.005	< 0.005	< 0.005	61.5
Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—
Off-Road Equipment	0.02	0.07	< 0.005	< 0.005	< 0.005	10.2
Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.06	1.08	0.00	0.20	0.05	210
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.07	0.82	0.00	0.20	0.05	193
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Worker	< 0.005	0.04	0.00	0.01	< 0.005	9.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	< 0.005	0.01	0.00	< 0.005	< 0.005	1.59
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2026) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—

Off-Road Equipment	0.86	1.28	< 0.005	< 0.005	< 0.005	179
Architectural Coatings	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.04	0.06	< 0.005	< 0.005	< 0.005	8.81
Architectural Coatings	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	< 0.005	< 0.005	< 0.005	1.46
Architectural Coatings	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.04	0.47	0.00	0.11	0.03	111
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Worker	< 0.005	0.02	0.00	0.01	< 0.005	5.56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.92
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.07	10.2	0.02	2.39	0.62	2,804
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.07	10.2	0.02	2.39	0.62	2,804
Daily, Winter (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.15	8.35	0.02	2.39	0.62	2,627
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.15	8.35	0.02	2.39	0.62	2,627
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.18	1.34	< 0.005	0.36	0.09	373
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.18	1.34	< 0.005	0.36	0.09	373

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e

Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	453
Parking Lot	—	—	—	—	—	3.28
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	456
Daily, Winter (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	453
Parking Lot	—	—	—	—	—	3.28
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	456
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	75.0
Parking Lot	—	—	—	—	—	0.54
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	75.6

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.53	0.44	0.04	0.04	0.04	633
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.53	0.44	0.04	0.04	0.04	633
Daily, Winter (Max)	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	0.53	0.44	0.04	0.04	0.04	633
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.53	0.44	0.04	0.04	0.04	633
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.10	0.08	0.01	0.01	0.01	105
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.10	0.08	0.01	0.01	0.01	105

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Consumer Products	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—
Landscape Equipment	0.04	4.49	0.01	0.01	0.01	18.5
Total	0.04	4.49	0.01	0.01	0.01	18.5
Daily, Winter (Max)	—	—	—	—	—	—
Consumer Products	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—
Total	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Consumer Products	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—

Landscape Equipment	< 0.005	0.56	< 0.005	< 0.005	< 0.005	2.10
Total	< 0.005	0.56	< 0.005	< 0.005	< 0.005	2.10

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	354
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	354
Daily, Winter (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	354
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	354
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	58.6
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	58.6

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	183
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	183
Daily, Winter (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	183
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	183
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	30.3
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
Total	—	—	—	—	—	30.3

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—

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

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Total	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Total	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Total	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Total	—	—	—	—	—	—

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

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Avoided	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
Removed	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Avoided	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
Removed	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
—	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Avoided	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—

Sequestered	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
Removed	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—
—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	8/1/2025	8/29/2025	5.00	20.0	—
Site Preparation	Site Preparation	8/30/2025	9/5/2025	5.00	5.00	—
Grading	Grading	9/6/2025	9/17/2025	5.00	8.00	—
Building Construction	Building Construction	9/18/2025	9/16/2026	5.00	260	—
Paving	Paving	9/17/2026	10/12/2026	5.00	18.0	—
Architectural Coating	Architectural Coating	10/13/2026	11/5/2026	5.00	18.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	0.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Tier 4 Final	1.00	8.00	87.0	0.43

Site Preparation	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Site Preparation	Scrapers	Diesel	Tier 4 Final	1.00	8.00	423	0.48
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	0.00	8.00	84.0	0.37
Grading	Crawler Tractors	Diesel	Tier 4 Final	2.00	8.00	87.0	0.43
Building Construction	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Construction	Welders	Diesel	Tier 4 Final	3.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Paving	Cement and Mortar Mixers	Diesel	Tier 4 Final	1.00	8.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	12.5	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	57.4	20.0	HHDT

Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	29.0	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	43.3	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	16.9	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	8.67	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	154,793	51,598	1,594

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	4,589	—
Site Preparation	0.00	0.00	17.5	0.00	—
Grading	1,850	0.00	32.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.61

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Parking Lot	0.09	100%
Other Asphalt Surfaces	0.52	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	346	0.03	< 0.005
2025	0.00	349	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	150	183	155	56,607	2,737	3,341	2,832	1,035,536
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	154,793	51,598	1,594

5.10.3. Landscape Equipment

Season	Unit	Value

Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	474,940	346	0.0330	0.0040	1,970,218
Parking Lot	3,434	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	23,863,844	606,671
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	97.0	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

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

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	21.7	annual days of extreme heat
Extreme Precipitation	4.75	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	36.5	annual hectares burned

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	80.0
AQ-PM	67.8
AQ-DPM	67.6
Drinking Water	84.6
Lead Risk Housing	0.21
Pesticides	0.00
Toxic Releases	57.5
Traffic	98.0
Effect Indicators	—
CleanUp Sites	20.5
Groundwater	22.1
Haz Waste Facilities/Generators	53.5
Impaired Water Bodies	0.00
Solid Waste	35.7
Sensitive Population	—
Asthma	14.2
Cardio-vascular	59.5
Low Birth Weights	7.95

Socioeconomic Factor Indicators	—
Education	34.4
Housing	27.2
Linguistic	23.8
Poverty	28.4
Unemployment	9.72

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	67.39381496
Employed	33.54292314
Median HI	59.36096497
Education	—
Bachelor's or higher	53.83036058
High school enrollment	13.01167715
Preschool enrollment	41.57577313
Transportation	—
Auto Access	98.98626973
Active commuting	56.40959836
Social	—
2-parent households	63.9291672
Voting	60.6698319
Neighborhood	—
Alcohol availability	87.60426023
Park access	6.403182343
Retail density	25.70255357

Supermarket access	32.86282561
Tree canopy	17.84935198
Housing	—
Homeownership	93.09636854
Housing habitability	80.67496471
Low-inc homeowner severe housing cost burden	10.29128705
Low-inc renter severe housing cost burden	92.26228667
Uncrowded housing	79.21211344
Health Outcomes	—
Insured adults	46.18247145
Arthritis	65.9
Asthma ER Admissions	75.3
High Blood Pressure	69.1
Cancer (excluding skin)	57.8
Asthma	37.3
Coronary Heart Disease	83.6
Chronic Obstructive Pulmonary Disease	56.7
Diagnosed Diabetes	84.4
Life Expectancy at Birth	65.8
Cognitively Disabled	70.6
Physically Disabled	95.1
Heart Attack ER Admissions	34.7
Mental Health Not Good	44.5
Chronic Kidney Disease	85.5
Obesity	38.6
Pedestrian Injuries	44.2
Physical Health Not Good	59.3
Stroke	80.6

Health Risk Behaviors	—
Binge Drinking	18.0
Current Smoker	31.7
No Leisure Time for Physical Activity	53.7
Climate Change Exposures	—
Wildfire Risk	20.0
SLR Inundation Area	0.0
Children	81.0
Elderly	17.9
English Speaking	75.7
Foreign-born	45.7
Outdoor Workers	53.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	75.6
Traffic Density	86.0
Traffic Access	23.0
Other Indices	—
Hardship	52.3
Other Decision Support	—
2016 Voting	67.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	26.0
Healthy Places Index Score for Project Location (b)	51.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Building Construction workdays were updated from 230 days to 260 days based on construction schedule provided by the client.
Construction: Off-Road Equipment	Assumed all equipment will be used 8 hours per day. Tractor/Loader Backhoes were replaced with Crawler Tractor.
Construction: Trips and VMT	Assumed all equipment will be used 8 hours per day
Land Use	Justification made based on the project site plan.
Construction: Dust From Material Movement	Import volumes provided by the client
Operations: Vehicle Data	Weekday, Saturday, Sunday rates were adjusted based on ITE 11th Edition.

APPENDIX B.1 – AERMOD CONSTRUCTION MODEL OUTPUT

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 7/25/2024
** File: C:\Lakes\AERMOD View\23_048_Temesecal_Con2\23_048_Temesecal_Con2.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\23_048_Temesecal_Con2\23_048_Temesecal_Con2.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2474000
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL 23_048_Temesecal_Con2.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1      AREAPOLY   453227.857  3740520.550      284.030
** DESCRSRC Project Site Area Source
** ----------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = ONS1
** DESCRSRC Onsite 1: Construction Access in/out
** PREFIX
** Length of Side = 14.00
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 1.2486E-11
** Nodes = 5
** 453317.035, 3740374.958, 276.07, 3.11
** 453306.205, 3740375.429, 276.38, 3.11
** 453298.672, 3740377.548, 277.04, 3.11
** 453295.612, 3740381.314, 277.02, 3.11
** 453280.074, 3740416.156, 276.80, 3.11
** ----------------------------------------------------------------
   LOCATION A0000001     AREA     453317.339 3740381.952 275.91
```

```
  LOCATION A0000002     AREA     453308.101 3740382.168 276.28
  LOCATION A0000003     AREA     453304.105 3740381.962 276.31
  LOCATION A0000004     AREA     453302.005 3740384.165 276.41
** End of LINE AREA Source ID = ONS1
** ----------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS1
** DESCRSRC Offsite 1: Site>Temescal Rd>15 Junction
** PREFIX
** Length of Side = 16.00
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 1.3225E-11
** Nodes = 19
** 453316.968, 3740374.843, 276.07, 3.11
** 453334.140, 3740375.120, 274.73, 3.11
** 453333.310, 3740433.838, 273.53, 3.11
** 453332.202, 3740484.247, 272.66, 3.11
** 453328.324, 3740523.854, 272.37, 3.11
** 453310.598, 3740584.788, 271.50, 3.11
** 453291.764, 3740640.183, 269.96, 3.11
** 453281.793, 3740674.527, 269.37, 3.11
** 453275.422, 3740725.213, 268.81, 3.11
** 453277.638, 3740777.838, 268.27, 3.11
** 453291.487, 3740872.286, 267.04, 3.11
** 453297.026, 3740925.465, 266.51, 3.11
** 453297.026, 3740951.223, 266.03, 3.11
** 453250.218, 3740945.683, 267.11, 3.11
** 453221.690, 3740937.374, 269.02, 3.11
** 453195.654, 3740924.080, 271.10, 3.11
** 453181.806, 3740917.709, 271.94, 3.11
** 453145.245, 3740904.969, 273.59, 3.11
** 453097.052, 3740893.336, 275.56, 3.11
** ----------------------------------------------------------------
  LOCATION A0000005     AREA     453317.097 3740366.844 276.09
  LOCATION A0000006     AREA     453342.140 3740375.233 274.63
  LOCATION A0000007     AREA     453341.308 3740434.014 273.42
  LOCATION A0000008     AREA     453340.164 3740485.027 272.39
  LOCATION A0000009     AREA     453336.006 3740526.089 272.04
  LOCATION A0000010     AREA     453318.172 3740587.363 271.31
  LOCATION A0000011     AREA     453299.446 3740642.413 269.93
  LOCATION A0000012     AREA     453289.730 3740675.525 269.25
  LOCATION A0000013     AREA     453283.415 3740724.877 268.63
  LOCATION A0000014     AREA     453285.553 3740776.678 268.03
  LOCATION A0000015     AREA     453299.444 3740871.457 266.95
  LOCATION A0000016     AREA     453305.026 3740925.465 266.31
  LOCATION A0000017     AREA     453296.086 3740959.168 265.88
  LOCATION A0000018     AREA     453247.981 3740953.364 267.11
  LOCATION A0000019     AREA     453218.051 3740944.499 269.02
  LOCATION A0000020     AREA     453192.311 3740931.348 270.95
  LOCATION A0000021     AREA     453179.173 3740925.264 271.78
  LOCATION A0000022     AREA     453143.368 3740912.745 273.42
** End of LINE AREA Source ID = OFFS1
** ----------------------------------------------------------------
```

** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS2
** DESCRSRC Offsite 2: 15 Junction>15 N Ramp
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 5.6491E-12
** Nodes = 4
** 453095.433, 3740894.151, 275.62, 3.11
** 453038.128, 3740991.781, 278.83, 3.11
** 452956.415, 3741135.043, 283.24, 3.11
** 452905.478, 3741237.980, 283.37, 3.11
** ----------
LOCATION A0000023 AREA 453099.529 3740896.555 275.30
LOCATION A0000024 AREA 453070.877 3740945.371 276.43
LOCATION A0000025 AREA 453042.254 3740994.135 278.19
LOCATION A0000026 AREA 453001.398 3741065.766 280.17
LOCATION A0000027 AREA 452960.673 3741137.150 282.98
LOCATION A0000028 AREA 452935.204 3741188.618 283.49
** End of LINE AREA Source ID = OFFS2
** ----------
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS3
** DESCRSRC Offsite 3: 15 Junction> 15 S Ramp
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 5.6485E-12
** Nodes = 9
** 453096.494, 3740893.090, 275.59, 0.00
** 452969.150, 3740850.111, 280.56, 0.00
** 452989.843, 3740822.520, 280.55, 0.00
** 453013.190, 3740791.214, 281.42, 0.00
** 453042.903, 3740743.991, 282.81, 0.00
** 453064.127, 3740710.563, 283.49, 0.00
** 453080.576, 3740680.850, 283.87, 0.00
** 453104.881, 3740633.642, 284.15, 0.00
** 453128.942, 3740585.433, 284.24, 0.00
** ----------
LOCATION A0000029 AREA 453094.975 3740897.590 275.45
LOCATION A0000030 AREA 453031.303 3740876.101 278.28
LOCATION A0000031 AREA 452965.350 3740847.261 280.73
LOCATION A0000032 AREA 452986.036 3740819.680 280.51
LOCATION A0000033 AREA 453009.169 3740788.685 281.21
LOCATION A0000034 AREA 453038.893 3740741.445 282.37
LOCATION A0000035 AREA 453059.972 3740708.263 283.13
LOCATION A0000036 AREA 453076.353 3740678.675 283.50
LOCATION A0000037 AREA 453100.631 3740631.521 284.12
** End of LINE AREA Source ID = OFFS3
** Source Parameters **
SRCPARAM PAREA1 6.68E-07 5.000 13
AREAVERT PAREA1 453227.857 3740520.550 453312.866 3740517.619

```
  AREAVERT PAREA1      453316.448 3740498.728 453316.715 3740479.837
  AREAVERT PAREA1      453316.712 3740479.610 453316.962 3740463.613
  AREAVERT PAREA1      453316.690 3740460.333 453316.636 3740439.968
  AREAVERT PAREA1      453317.350 3740390.245 453317.505 3740380.823
  AREAVERT PAREA1      453318.403 3740354.685 453302.769 3740348.253
  AREAVERT PAREA1      453269.047 3740411.590
** LINE AREA Source ID = ONS1
  SRCPARAM A0000001    1.2486E-11    3.111    10.839    14.000  -177.510     2.894
  SRCPARAM A0000002    1.2486E-11    3.111     7.826    14.000  -164.291     2.894
  SRCPARAM A0000003    1.2486E-11    3.111     4.853    14.000  -129.094     2.894
  SRCPARAM A0000004    1.2486E-11    3.111    38.149    14.000  -114.034     2.894
** ----------------------------------------------------------------
** LINE AREA Source ID = OFFS1
  SRCPARAM A0000005    1.3225E-11    3.111    17.175    16.000    -0.924     2.894
  SRCPARAM A0000006    1.3225E-11    3.111    58.724    16.000   -90.811     2.894
  SRCPARAM A0000007    1.3225E-11    3.111    50.421    16.000   -91.259     2.894
  SRCPARAM A0000008    1.3225E-11    3.111    39.796    16.000   -95.592     2.894
  SRCPARAM A0000009    1.3225E-11    3.111    63.460    16.000  -106.220     2.894
  SRCPARAM A0000010    1.3225E-11    3.111    58.509    16.000  -108.778     2.894
  SRCPARAM A0000011    1.3225E-11    3.111    35.763    16.000  -106.189     2.894
  SRCPARAM A0000012    1.3225E-11    3.111    51.085    16.000   -97.164     2.894
  SRCPARAM A0000013    1.3225E-11    3.111    52.671    16.000   -87.589     2.894
  SRCPARAM A0000014    1.3225E-11    3.111    95.458    16.000   -81.658     2.894
  SRCPARAM A0000015    1.3225E-11    3.111    53.466    16.000   -84.053     2.894
  SRCPARAM A0000016    1.3225E-11    3.111    25.758    16.000   -90.000     2.894
  SRCPARAM A0000017    1.3225E-11    3.111    47.135    16.000   173.251     2.894
  SRCPARAM A0000018    1.3225E-11    3.111    29.714    16.000   163.761     2.894
  SRCPARAM A0000019    1.3225E-11    3.111    29.233    16.000   152.949     2.894
  SRCPARAM A0000020    1.3225E-11    3.111    15.244    16.000   155.298     2.894
  SRCPARAM A0000021    1.3225E-11    3.111    38.717    16.000   160.787     2.894
  SRCPARAM A0000022    1.3225E-11    3.111    49.577    16.000   166.430     2.894
** ----------------------------------------------------------------
** LINE AREA Source ID = OFFS2
  SRCPARAM A0000023    5.6491E-12    3.111    56.603     9.500  -120.411     2.894
  SRCPARAM A0000024    5.6491E-12    3.111    56.603     9.500  -120.411     2.894
  SRCPARAM A0000025    5.6491E-12    3.111    82.464     9.500  -119.699     2.894
  SRCPARAM A0000026    5.6491E-12    3.111    82.464     9.500  -119.699     2.894
  SRCPARAM A0000027    5.6491E-12    3.111    57.425     9.500  -116.328     2.894
  SRCPARAM A0000028    5.6491E-12    3.111    57.425     9.500  -116.328     2.894
** ----------------------------------------------------------------
** LINE AREA Source ID = OFFS3
  SRCPARAM A0000029    5.6485E-12    0.000    67.201     9.500   161.350     2.894
  SRCPARAM A0000030    5.6485E-12    0.000    67.201     9.500   161.350     2.894
  SRCPARAM A0000031    5.6485E-12    0.000    34.489     9.500    53.130     2.894
  SRCPARAM A0000032    5.6485E-12    0.000    39.052     9.500    53.286     2.894
  SRCPARAM A0000033    5.6485E-12    0.000    55.794     9.500    57.821     2.894
  SRCPARAM A0000034    5.6485E-12    0.000    39.596     9.500    57.588     2.894
  SRCPARAM A0000035    5.6485E-12    0.000    33.963     9.500    61.032     2.894
  SRCPARAM A0000036    5.6485E-12    0.000    53.097     9.500    62.758     2.894
  SRCPARAM A0000037    5.6485E-12    0.000    53.880     9.500    63.477     2.894
** ----------------------------------------------------------------
  URBANSRC ALL

  ** Variable Emissions Type: "By Hour / Day (HRDOW)"
```

```
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PAREA1     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000001   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT A0000001   HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000002   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000002   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT A0000002   HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT A0000002   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000003   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000003   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT A0000003   HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT A0000003   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000004   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000004   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT A0000004   HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT A0000004   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000002   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000002   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000002   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000002   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000003   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000003   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000003   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000003   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000004   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000004   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000004   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000004   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT A0000001    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000005    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000005    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000005    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000006    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000006    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000007    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000007    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000008    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000008    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000009    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000009    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000010    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000010    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000011    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000011    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000012    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT A0000013    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000013    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000013    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000014    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000014    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT A0000015    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
 EMISFACT A0000015    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT A0000016    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
 EMISFACT A0000016    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
 EMISFACT A0000016    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
 EMISFACT A0000017    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT A0000018    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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 EMISFACT A0000022    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
 EMISFACT A0000022    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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 EMISFACT A0000009    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000022 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
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EMISFACT A0000005 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

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EMISFACT A0000018    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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  EMISFACT A0000021    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000021    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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  EMISFACT A0000022    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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  EMISFACT A0000022    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000022    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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  EMISFACT A0000023    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT A0000023    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000024    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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  EMISFACT A0000024    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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** Saturday:
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  EMISFACT A0000025    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000025    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
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   EMISFACT A0000027    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000029    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000029    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000029    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000030    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000030    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000031    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000031    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000032    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000032    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

EMISFACT A0000033 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000033 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000033 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000033 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000034 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000034 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000034 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000034 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000035 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000035 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000035 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000035 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000036 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000036 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000036 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000036 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000037 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000037 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000037 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000037 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT A0000029 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000029 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000029 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000029 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000030 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000030 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000030 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000030 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000031 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000031 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000031 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000031 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000032 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000032 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000032 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000032 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000033 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000033 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000034 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000034 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000034 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000034 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000035 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000035 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000035 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000035 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000036 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000036 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000036 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000036 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000037 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

```
   EMISFACT A0000037    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000029    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED 23_048_Temesecal_Con2.rou
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
```

```
**************************************
**
**
ME STARTING
  SURFFILE ..\ELSI_V9_ADJU\ELSI_v9.SFC
  PROFFILE ..\ELSI_V9_ADJU\ELSI_v9.PFL
  SURFDATA 3171 2012 Lake_Elsinore_Monitoring_Station
  UAIRDATA 3190 2012
  SITEDATA 99999 2012
  PROFBASE 395.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST 23_048_Temesecal_Con2.AD\01H1GALL.PLT 31
  PLOTFILE PERIOD ALL 23_048_Temesecal_Con2.AD\PE00GALL.PLT 32
  SUMMFILE 23_048_Temesecal_Con2.sum
OU FINISHED


 *** Message Summary For AERMOD Model Setup ***

 --------- Summary of Total Messages --------

A Total of         0 Fatal Error Message(s)
A Total of         2 Warning Message(s)
A Total of         0 Informational Message(s)


  ******** FATAL ERROR MESSAGES ********
           ***  NONE  ***


  ********   WARNING MESSAGES   ********
ME W186    713      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used        0.50
ME W187    713      MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

***********************************
*** SETUP Finishes Successfully ***
***********************************

   *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD
View\23_048_Temesecal_Con2\23_048_Temesecal_Con2.isc ***       07/25/24
*** AERMET - VERSION  16216 ***   ***                                          ***       15:17:16
                                                                    PAGE   1
*** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** MODEL SETUP OPTIONS SUMMARY ***

- -

** Model Options Selected:
* Model Uses Regulatory DEFAULT Options
* Model Is Setup For Calculation of Average CONCentration Values.
* NO GAS DEPOSITION Data Provided.
* NO PARTICLE DEPOSITION Data Provided.
* Model Uses NO DRY DEPLETION. DDPLETE = F
* Model Uses NO WET DEPLETION. WETDPLT = F
* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses URBAN Dispersion Algorithm for the SBL for 38 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2474000.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* 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 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

**This Run Includes: 38 Source(s); 1 Source Group(s); and 529 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 38 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
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) = 395.00 ; 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 = 3.6 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: 23_048_Temesecal_Con2.err
**File for Summary of Results: 23_048_Temesecal_Con2.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
A0000001	0	0.12486E-10	453317.3	3740382.0	275.9	3.11	10.84	14.00	-177.51	2.89	YES	HRDOW	NO
A0000002	0	0.12486E-10	453308.1	3740382.2	276.3	3.11	7.83	14.00	-164.29	2.89	YES	HRDOW	NO
A0000003	0	0.12486E-10	453304.1	3740382.0	276.3	3.11	4.85	14.00	-129.09	2.89	YES	HRDOW	NO
A0000004	0	0.12486E-10	453302.0	3740384.2	276.4	3.11	38.15	14.00	-114.03	2.89	YES	HRDOW	NO
A0000005	0	0.13225E-10	453317.1	3740366.8	276.1	3.11	17.18	16.00	-0.92	2.89	YES	HRDOW	NO
A0000006	0	0.13225E-10	453342.1	3740375.2	274.6	3.11	58.72	16.00	-90.81	2.89	YES	HRDOW	NO
A0000007	0	0.13225E-10	453341.3	3740434.0	273.4	3.11	50.42	16.00	-91.26	2.89	YES	HRDOW	NO
A0000008	0	0.13225E-10	453340.2	3740485.0	272.4	3.11	39.80	16.00	-95.59	2.89	YES	HRDOW	NO
A0000009	0	0.13225E-10	453336.0	3740526.1	272.0	3.11	63.46	16.00	-106.22	2.89	YES	HRDOW	NO
A0000010	0	0.13225E-10	453318.2	3740587.4	271.3	3.11	58.51	16.00	-108.78	2.89	YES	HRDOW	NO
A0000011	0	0.13225E-10	453299.4	3740642.4	269.9	3.11	35.76	16.00	-106.19	2.89	YES	HRDOW	NO
A0000012	0	0.13225E-10	453289.7	3740675.5	269.2	3.11	51.09	16.00	-97.16	2.89	YES	HRDOW	NO
A0000013	0	0.13225E-10	453283.4	3740724.9	268.6	3.11	52.67	16.00	-87.59	2.89	YES		

HRDOW NO
A0000014 0 0.13225E-10 453285.6 3740776.7 268.0 3.11 95.46 16.00 -81.66 2.89 YES
HRDOW NO
A0000015 0 0.13225E-10 453299.4 3740871.5 266.9 3.11 53.47 16.00 -84.05 2.89 YES
HRDOW NO
A0000016 0 0.13225E-10 453305.0 3740925.5 266.3 3.11 25.76 16.00 -90.00 2.89 YES
HRDOW NO
A0000017 0 0.13225E-10 453296.1 3740959.2 265.9 3.11 47.14 16.00 173.25 2.89 YES
HRDOW NO
A0000018 0 0.13225E-10 453248.0 3740953.4 267.1 3.11 29.71 16.00 163.76 2.89 YES
HRDOW NO
A0000019 0 0.13225E-10 453218.1 3740944.5 269.0 3.11 29.23 16.00 152.95 2.89 YES
HRDOW NO
A0000020 0 0.13225E-10 453192.3 3740931.3 270.9 3.11 15.24 16.00 155.30 2.89 YES
HRDOW NO
A0000021 0 0.13225E-10 453179.2 3740925.3 271.8 3.11 38.72 16.00 160.79 2.89 YES
HRDOW NO
A0000022 0 0.13225E-10 453143.4 3740912.7 273.4 3.11 49.58 16.00 166.43 2.89 YES
HRDOW NO
A0000023 0 0.56491E-11 453099.5 3740896.6 275.3 3.11 56.60 9.50 -120.41 2.89 YES
HRDOW NO
A0000024 0 0.56491E-11 453070.9 3740945.4 276.4 3.11 56.60 9.50 -120.41 2.89 YES
HRDOW NO
A0000025 0 0.56491E-11 453042.3 3740994.1 278.2 3.11 82.46 9.50 -119.70 2.89 YES
HRDOW NO
A0000026 0 0.56491E-11 453001.4 3741065.8 280.2 3.11 82.46 9.50 -119.70 2.89 YES
HRDOW NO
A0000027 0 0.56491E-11 452960.7 3741137.1 283.0 3.11 57.43 9.50 -116.33 2.89 YES
HRDOW NO
A0000028 0 0.56491E-11 452935.2 3741188.6 283.5 3.11 57.43 9.50 -116.33 2.89 YES
HRDOW NO
A0000029 0 0.56485E-11 453095.0 3740897.6 275.4 0.00 67.20 9.50 161.35 2.89 YES
HRDOW NO
A0000030 0 0.56485E-11 453031.3 3740876.1 278.3 0.00 67.20 9.50 161.35 2.89 YES
HRDOW NO
A0000031 0 0.56485E-11 452965.3 3740847.3 280.7 0.00 34.49 9.50 53.13 2.89 YES
HRDOW NO
A0000032 0 0.56485E-11 452986.0 3740819.7 280.5 0.00 39.05 9.50 53.29 2.89 YES
HRDOW NO
A0000033 0 0.56485E-11 453009.2 3740788.7 281.2 0.00 55.79 9.50 57.82 2.89 YES
HRDOW NO
A0000034 0 0.56485E-11 453038.9 3740741.4 282.4 0.00 39.60 9.50 57.59 2.89 YES
HRDOW NO
A0000035 0 0.56485E-11 453060.0 3740708.3 283.1 0.00 33.96 9.50 61.03 2.89 YES
HRDOW NO
A0000036 0 0.56485E-11 453076.4 3740678.7 283.5 0.00 53.10 9.50 62.76 2.89 YES
HRDOW NO
A0000037 0 0.56485E-11 453100.6 3740631.5 284.1 0.00 53.88 9.50 63.48 2.89 YES
HRDOW NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
PAREA1	0	0.66800E-06	453227.9	3740520.5	284.0	5.00	13	0.00	YES	HRDOW	NO

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 , A0000033 , A0000034 , A0000035 , A0000036 , A0000037 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
2	2474000.	PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 ,

A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015
,

A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023
,

A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031
,

A0000032 , A0000033 , A0000034 , A0000035 , A0000036 , A0000037 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000001 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000002 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000003 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000004 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000005 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000006 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000007 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8

.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000008 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000009 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000010 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000011 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000012 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000013 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000014 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000015 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000016 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000017 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD View\23_048_Temesecal_Con2\23_048_Temesecal_Con2.isc *** 07/25/24
*** AERMET - VERSION 16216 *** *** *** 15:17:16
PAGE 24
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000018 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24

.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 = A0000019 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 = A0000020 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 = A0000021 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000022 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000023 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000024 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000025 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD View\23_048_Temesecal_Con2\23_048_Temesecal_Con2.isc *** 07/25/24
*** AERMET - VERSION 16216 *** *** *** 15:17:16
PAGE 32
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000026 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000027 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000028 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000029 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000030 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000031 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000032 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000033 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 = A0000034 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	

.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000035 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000036 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000037 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

451783.5, 451942.3, 452101.2, 452260.0, 452418.9, 452577.8, 452736.6, 452895.5, 453054.3, 453213.2,
453372.1, 453530.9, 453689.8, 453848.6, 454007.5, 454166.4, 454325.2, 454484.1, 454642.9, 454801.8,

*** Y-COORDINATES OF GRID ***
(METERS)

3738933.7, 3739059.7, 3739185.6, 3739311.6, 3739437.5, 3739563.5, 3739689.5, 3739815.4, 3739941.4, 3740067.3,
3740193.3, 3740319.3, 3740445.2, 3740571.2, 3740697.1, 3740823.1, 3740949.1, 3741075.0, 3741201.0, 3741326.9,
3741452.9, 3741578.9, 3741704.8, 3741830.8, 3741956.7,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	451783.46	451942.32	452101.18	452260.04	452418.90	452577.76	452736.62	452895.48	453054.34
3741956.74	286.20	287.20	286.50	298.50	288.00	281.40	259.40	257.50	255.70
3741830.78	289.30	283.20	298.20	298.80	288.10	279.20	263.00	259.30	258.40
3741704.82	289.00	290.20	312.40	300.00	294.20	291.10	269.30	263.60	263.90
3741578.86	305.50	299.30	331.80	332.70	311.40	286.80	280.80	264.80	264.90
3741452.90	326.00	333.80	313.50	313.90	290.30	297.60	294.40	265.00	265.00
3741326.94	330.50	336.70	323.40	304.10	304.90	333.60	317.90	278.20	265.90
3741200.98	333.70	317.50	330.20	339.60	319.60	308.10	312.60	283.40	267.10
3741075.02	330.80	332.50	350.50	326.20	333.70	310.00	293.20	282.00	268.20

3740949.06	356.20	355.50	326.40	309.80	312.00	291.40	299.60	288.00	277.70
3740823.10	378.60	375.30	349.20	325.80	305.30	309.00	295.80	284.10	284.80
3740697.14	381.20	376.00	383.20	363.30	323.90	298.20	296.40	290.40	282.60
3740571.18	375.30	360.40	372.20	329.30	324.60	311.10	303.30	291.90	291.40
3740445.22	381.80	372.80	362.60	358.70	348.20	333.80	320.20	316.90	310.10
3740319.26	369.30	353.90	354.70	363.20	352.00	342.60	331.10	309.40	295.40
3740193.30	385.50	368.60	355.90	345.10	345.20	327.90	320.30	313.60	303.30
3740067.34	396.80	379.10	364.70	347.60	341.60	332.40	324.60	316.50	301.20
3739941.38	393.40	382.90	369.00	356.60	341.80	320.40	304.50	293.40	291.90
3739815.42	389.90	383.30	369.60	358.10	349.90	328.90	314.10	310.60	324.40
3739689.46	378.90	378.10	368.30	364.20	352.80	347.40	335.80	335.80	336.60
3739563.50	365.30	372.70	369.70	363.50	356.10	347.80	334.70	329.10	314.80
3739437.54	371.10	349.00	362.90	358.30	355.50	351.40	338.20	330.50	323.10
3739311.58	389.90	385.70	353.20	337.10	347.30	343.00	349.90	332.20	329.40
3739185.62	451.10	425.70	398.20	364.80	341.20	327.60	336.40	354.80	333.20
3739059.66	490.00	466.60	393.60	383.90	367.30	334.90	321.80	335.10	329.60
3738933.70	507.20	469.90	421.40	436.70	398.80	343.80	319.60	315.30	316.60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 453213.20	453372.06	453530.92	453689.78	453848.64	454007.50	454166.36	454325.22	454484.08
3741956.74	257.50	262.50	279.50	279.50	249.50	300.00	289.20	349.30	380.40
3741830.78	262.10	263.60	268.70	262.80	254.90	310.10	356.20	384.60	392.70
3741704.82	265.60	268.40	259.20	259.30	260.30	282.90	328.70	381.40	406.40
3741578.86	267.50	263.90	259.00	258.80	282.50	295.70	343.60	405.30	413.50
3741452.90	265.70	262.50	263.10	261.50	268.00	296.40	332.30	375.30	382.50
3741326.94	265.50	259.90	262.00	259.50	275.50	328.90	360.80	376.20	394.90
3741200.98	265.00	264.00	262.20	260.60	283.20	320.70	338.00	356.70	380.70
3741075.02	266.30	264.40	262.30	264.30	271.70	292.90	311.80	358.50	357.30
3740949.06	269.20	262.50	260.60	263.60	277.40	291.20	310.00	334.30	372.80
3740823.10	269.60	265.60	263.40	255.70	282.40	305.30	311.50	335.50	358.70
3740697.14	276.20	267.50	264.90	264.80	275.80	296.80	313.60	331.60	326.60
3740571.18	280.80	270.50	265.70	265.70	257.60	289.90	306.10	319.10	317.90
3740445.22	283.30	272.50	270.70	266.70	262.10	259.90	279.30	293.70	325.00
3740319.26	284.90	276.00	273.20	269.40	268.60	265.70	287.50	307.10	311.10
3740193.30	288.60	281.60	275.00	272.40	270.50	265.20	275.50	292.90	284.90
3740067.34	284.30	281.40	278.50	277.10	275.00	261.70	266.10	274.30	296.10
3739941.38	295.00	282.10	279.80	278.20	277.30	274.40	266.00	266.90	285.70
3739815.42	316.70	285.10	284.50	280.10	278.90	276.30	260.60	263.60	278.00
3739689.46	328.30	295.70	285.60	283.90	280.80	280.60	270.80	264.90	281.10
3739563.50	306.40	290.10	287.60	288.10	281.80	280.30	275.60	265.60	282.10
3739437.54	297.10	293.10	290.70	289.50	283.60	280.40	275.90	266.90	278.40
3739311.58	315.30	299.90	293.40	291.70	287.60	281.00	275.80	271.70	274.60

3739185.62	318.30	304.50	296.70	295.70	290.90	283.80	278.80	274.30	270.80
3739059.66	304.20	303.00	298.50	297.40	295.20	286.60	279.20	274.60	270.60
3738933.70	309.50	307.10	305.90	303.50	296.00	292.70	280.90	275.30	271.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 454642.94	454801.80
3741956.74	383.40	395.70
3741830.78	387.00	402.00
3741704.82	401.50	428.60
3741578.86	413.70	413.60
3741452.90	406.00	419.80
3741326.94	389.70	408.30
3741200.98	400.10	420.30
3741075.02	423.70	392.50
3740949.06	388.60	384.10
3740823.10	365.90	369.40
3740697.14	349.80	392.10
3740571.18	347.70	347.10
3740445.22	316.90	307.20
3740319.26	309.10	294.60
3740193.30	289.70	287.50
3740067.34	299.80	321.80
3739941.38	300.70	303.70
3739815.42	300.40	306.10
3739689.46	307.40	324.40
3739563.50	315.90	328.90
3739437.54	316.80	332.80
3739311.58	288.70	319.00
3739185.62	309.20	327.30
3739059.66	303.60	304.00
3738933.70	282.00	319.50

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 451783.46	451942.32	452101.18	452260.04	452418.90	452577.76	452736.62	452895.48

453054.34
 -

3741956.74	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3741830.78	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3741704.82	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3741578.86	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3741452.90	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3741326.94	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3741200.98	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3741075.02	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740949.06	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740823.10	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740697.14	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740571.18	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740445.22	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740319.26	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740193.30	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740067.34	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739941.38	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739815.42	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739689.46	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739563.50	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739437.54	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739311.58	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739185.62	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739059.66	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3738933.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	453213.20	453372.06	453530.92	453689.78	453848.64	454007.50	454166.36	454325.22	454484.08
3741956.74	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3741830.78	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3741704.82	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3741578.86	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3741452.90	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3741326.94	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3741200.98	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3741075.02	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740949.06	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740823.10	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740697.14	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740571.18	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740445.22	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740319.26	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740193.30	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740067.34	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3739941.38	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3739815.42	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3739689.46	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3739563.50	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70

3739437.54 | 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70
1731.70
3739311.58 | 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70
1731.70
3739185.62 | 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70
1731.70
3739059.66 | 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70
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3738933.70 | 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70
1731.70

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)	
	454642.94	454801.80
3741956.74	1731.70	1731.70
3741830.78	1731.70	1731.70
3741704.82	1731.70	1731.70
3741578.86	1731.70	1731.70
3741452.90	1731.70	1731.70
3741326.94	1731.70	1731.70
3741200.98	1731.70	1731.70
3741075.02	1731.70	1731.70
3740949.06	1731.70	1731.70
3740823.10	1731.70	1731.70
3740697.14	1731.70	1731.70
3740571.18	1731.70	1731.70
3740445.22	1731.70	1731.70
3740319.26	1731.70	1731.70
3740193.30	1731.70	1731.70
3740067.34	1731.70	1731.70
3739941.38	1731.70	1731.70
3739815.42	1731.70	1731.70
3739689.46	1731.70	1731.70
3739563.50	1731.70	1731.70
3739437.54	1731.70	1731.70
3739311.58	1731.70	1731.70
3739185.62	1731.70	1731.70
3739059.66	1731.70	1731.70
3738933.70	1731.70	1731.70

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(453275.8, 3740523.9, 274.6, 1731.7, 0.0); (453297.3, 3740519.6, 274.2, 1731.7, 0.0);
(453250.3, 3740572.4, 281.4, 1731.7, 0.0); (453351.0, 3740538.8, 271.5, 1731.7, 0.0);
(453368.2, 3740410.2, 273.9, 1731.7, 0.0); (453358.5, 3740462.2, 272.5, 1731.7, 0.0);
(453437.0, 3740343.6, 275.2, 1731.7, 0.0); (453196.5, 3740310.1, 288.6, 1731.7, 0.0);
(452995.4, 3740496.8, 314.7, 1731.7, 0.0); (453029.4, 3740606.1, 291.2, 1731.7, 0.0);
(453381.1, 3740531.2, 270.6, 1731.7, 0.0); (453432.3, 3740529.1, 269.7, 1731.7, 0.0);
(453452.9, 3740526.9, 269.5, 1731.7, 0.0); (453309.3, 3740635.0, 270.0, 1731.7, 0.0);
(453248.8, 3740677.1, 272.2, 1731.7, 0.0); (453210.2, 3740670.8, 277.8, 1731.7, 0.0);
(453301.3, 3740738.1, 267.8, 1731.7, 0.0); (453298.0, 3740709.6, 268.4, 1731.7, 0.0);
(453239.4, 3740709.2, 273.2, 1731.7, 0.0); (453296.6, 3740770.6, 268.2, 1731.7, 0.0);
(453262.2, 3740929.3, 267.0, 1731.7, 0.0); (453123.3, 3740934.5, 270.4, 1731.7, 0.0);
(453168.0, 3740949.4, 269.5, 1731.7, 0.0); (453258.2, 3740973.1, 267.1, 1731.7, 0.0);
(453320.8, 3740974.3, 265.3, 1731.7, 0.0); (453096.4, 3740971.7, 269.5, 1731.7, 0.0);
(453089.3, 3740989.6, 269.3, 1731.7, 0.0); (453075.2, 3741022.4, 268.8, 1731.7, 0.0);
(453049.1, 3741061.5, 268.6, 1731.7, 0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\ELSI_V9_ADJU\ELSI_v9.SFC Met Version: 16216
Profile file: ..\ELSI_V9_ADJU\ELSI_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: LAKE_ELSINORE_MONITORING_STATION Name: UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-1.3	0.065	-9.000	-9.000	-999.	40.	18.2	0.23	2.69	1.00	0.40	78.	9.1	284.2	5.5
12	01	01	1	02	-4.2	0.092	-9.000	-9.000	-999.	67.	16.0	0.23	2.69	1.00	0.90	69.	9.1	283.8	5.5
12	01	01	1	03	-4.2	0.092	-9.000	-9.000	-999.	67.	16.0	0.23	2.69	1.00	0.90	286.	9.1	282.5	5.5
12	01	01	1	04	-4.2	0.092	-9.000	-9.000	-999.	67.	16.0	0.23	2.69	1.00	0.90	348.	9.1	282.5	5.5
12	01	01	1	05	-1.3	0.066	-9.000	-9.000	-999.	40.	18.2	0.23	2.69	1.00	0.40	17.	9.1	282.0	5.5
12	01	01	1	06	-4.2	0.092	-9.000	-9.000	-999.	67.	16.0	0.23	2.69	1.00	0.90	161.	9.1	282.0	5.5
12	01	01	1	07	-1.3	0.066	-9.000	-9.000	-999.	40.	18.2	0.23	2.69	1.00	0.40	273.	9.1	282.0	5.5
12	01	01	1	08	-3.6	0.091	-9.000	-9.000	-999.	66.	18.3	0.23	2.69	0.54	0.90	113.	9.1	283.8	5.5
12	01	01	1	09	39.6	0.087	0.358	0.016	40.	61.	-1.4	0.23	2.69	0.33	0.40	336.	9.1	285.9	5.5
12	01	01	1	10	110.7	0.206	0.740	0.007	127.	225.	-6.9	0.23	2.69	0.25	1.30	158.	9.1	291.4	5.5
12	01	01	1	11	161.7	0.105	1.203	0.005	374.	87.	-1.0	0.23	2.69	0.23	0.40	33.	9.1	297.0	5.5
12	01	01	1	12	185.5	0.271	1.535	0.005	676.	339.	-9.3	0.23	2.69	0.22	1.80	313.	9.1	298.8	5.5
12	01	01	1	13	183.9	0.219	1.828	0.005	1154.	247.	-4.9	0.23	2.69	0.22	1.30	250.	9.1	300.4	5.5
12	01	01	1	14	156.6	0.266	1.869	0.005	1446.	330.	-10.4	0.23	2.69	0.23	1.80	217.	9.1	301.4	5.5
12	01	01	1	15	104.7	0.256	1.677	0.005	1562.	311.	-13.8	0.23	2.69	0.27	1.80	248.	9.1	302.0	5.5
12	01	01	1	16	32.7	0.319	1.147	0.005	1596.	433.	-85.9	0.23	2.69	0.36	2.70	235.	9.1	302.0	5.5
12	01	01	1	17	-15.5	0.190	-9.000	-9.000	-999.	208.	39.6	0.23	2.69	0.63	1.80	46.	9.1	299.2	5.5
12	01	01	1	18	-4.1	0.092	-9.000	-9.000	-999.	73.	16.2	0.23	2.69	1.00	0.90	107.	9.1	294.9	5.5
12	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.23	2.69	1.00	999.00	999.	-9.0	292.5	5.5
12	01	01	1	20	-4.2	0.092	-9.000	-9.000	-999.	67.	16.1	0.23	2.69	1.00	0.90	323.	9.1	290.4	5.5
12	01	01	1	21	-8.8	0.133	-9.000	-9.000	-999.	116.	23.2	0.23	2.69	1.00	1.30	34.	9.1	287.5	5.5
12	01	01	1	22	-1.3	0.065	-9.000	-9.000	-999.	41.	18.1	0.23	2.69	1.00	0.40	359.	9.1	286.4	5.5
12	01	01	1	23	-1.3	0.065	-9.000	-9.000	-999.	40.	18.1	0.23	2.69	1.00	0.40	351.	9.1	285.4	5.5
12	01	01	1	24	-4.2	0.092	-9.000	-9.000	-999.	67.	16.0	0.23	2.69	1.00	0.90	11.	9.1	284.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	284.3	99.0	-99.00	-99.00
12	01	01	01	9.1	1	78.	0.40	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,

A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012
,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020
,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	451783.46	451942.32	452101.18	452260.04	452418.90	452577.76	452736.62	452895.48	453054.34
3741956.74	0.00016	0.00019	0.00022	0.00024	0.00027	0.00030	0.00031	0.00033	0.00035
3741830.78	0.00016	0.00019	0.00022	0.00026	0.00029	0.00032	0.00034	0.00037	0.00039
3741704.82	0.00015	0.00018	0.00022	0.00026	0.00031	0.00034	0.00038	0.00041	0.00044
3741578.86	0.00014	0.00018	0.00021	0.00026	0.00032	0.00037	0.00043	0.00046	0.00050
3741452.90	0.00013	0.00016	0.00021	0.00026	0.00033	0.00040	0.00047	0.00054	0.00059
3741326.94	0.00012	0.00014	0.00019	0.00026	0.00034	0.00041	0.00051	0.00063	0.00071
3741200.98	0.00011	0.00014	0.00017	0.00022	0.00032	0.00045	0.00059	0.00077	0.00090
3741075.02	0.00010	0.00012	0.00015	0.00021	0.00028	0.00045	0.00067	0.00094	0.00119
3740949.06	0.00009	0.00010	0.00014	0.00019	0.00027	0.00044	0.00070	0.00113	0.00170
3740823.10	0.00008	0.00009	0.00012	0.00016	0.00024	0.00037	0.00067	0.00135	0.00254
3740697.14	0.00007	0.00009	0.00010	0.00013	0.00020	0.00034	0.00059	0.00134	0.00382
3740571.18	0.00008	0.00009	0.00011	0.00015	0.00019	0.00029	0.00049	0.00114	0.00399
3740445.22	0.00008	0.00009	0.00011	0.00013	0.00017	0.00025	0.00041	0.00077	0.00229
3740319.26	0.00007	0.00009	0.00010	0.00012	0.00016	0.00022	0.00034	0.00075	0.00229
3740193.30	0.00007	0.00008	0.00010	0.00012	0.00015	0.00023	0.00036	0.00069	0.00170
3740067.34	0.00006	0.00007	0.00009	0.00012	0.00015	0.00022	0.00035	0.00063	0.00129
3739941.38	0.00006	0.00007	0.00009	0.00011	0.00015	0.00024	0.00039	0.00064	0.00096
3739815.42	0.00006	0.00007	0.00009	0.00011	0.00014	0.00022	0.00035	0.00050	0.00059
3739689.46	0.00006	0.00007	0.00009	0.00011	0.00014	0.00019	0.00028	0.00035	0.00042
3739563.50	0.00007	0.00007	0.00008	0.00010	0.00014	0.00019	0.00025	0.00031	

0.00040
3739437.54 | 0.00006 0.00008 0.00009 0.00011 0.00014 0.00017 0.00022 0.00027
0.00031
3739311.58 | 0.00006 0.00007 0.00009 0.00012 0.00014 0.00017 0.00018 0.00023
0.00025
3739185.62 | 0.00005 0.00006 0.00008 0.00010 0.00014 0.00017 0.00018 0.00018
0.00021
3739059.66 | 0.00005 0.00006 0.00008 0.00009 0.00011 0.00015 0.00017 0.00018
0.00019
3738933.70 | 0.00005 0.00006 0.00007 0.00008 0.00010 0.00013 0.00016 0.00017
0.00017

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 453213.20 453372.06 453530.92 453689.78 453848.64 454007.50 454166.36 454325.22
454484.08
- -

3741956.74 | 0.00037 0.00039 0.00041 0.00042 0.00041 0.00040 0.00040 0.00036
0.00034
3741830.78 | 0.00041 0.00043 0.00045 0.00046 0.00046 0.00044 0.00041 0.00038
0.00036
3741704.82 | 0.00046 0.00049 0.00051 0.00052 0.00052 0.00051 0.00045 0.00041
0.00038
3741578.86 | 0.00054 0.00057 0.00059 0.00060 0.00060 0.00056 0.00049 0.00044
0.00040
3741452.90 | 0.00063 0.00067 0.00070 0.00071 0.00069 0.00064 0.00056 0.00048
0.00042
3741326.94 | 0.00078 0.00083 0.00087 0.00087 0.00083 0.00069 0.00060 0.00051
0.00042
3741200.98 | 0.00100 0.00109 0.00113 0.00111 0.00101 0.00081 0.00066 0.00053
0.00042
3741075.02 | 0.00140 0.00154 0.00158 0.00147 0.00125 0.00098 0.00073 0.00053
0.00042
3740949.06 | 0.00217 0.00244 0.00241 0.00203 0.00153 0.00108 0.00074 0.00052
0.00038

3740823.10 | 0.00396 0.00464 0.00405 0.00277 0.00177 0.00106 0.00070 0.00048
0.00035
3740697.14 | 0.00961 0.01173 0.00706 0.00351 0.00184 0.00101 0.00062 0.00042
0.00033
3740571.18 | 0.03973 0.04310 0.01020 0.00355 0.00163 0.00089 0.00054 0.00038
0.00029
3740445.22 | 0.04441 0.07746 0.00906 0.00285 0.00134 0.00078 0.00052 0.00037
0.00026
3740319.26 | 0.01193 0.02326 0.00593 0.00227 0.00116 0.00070 0.00048 0.00033
0.00026
3740193.30 | 0.00429 0.00599 0.00369 0.00190 0.00106 0.00067 0.00046 0.00034
0.00027
3740067.34 | 0.00216 0.00253 0.00216 0.00148 0.00095 0.00063 0.00045 0.00034
0.00026
3739941.38 | 0.00124 0.00141 0.00133 0.00109 0.00081 0.00059 0.00044 0.00033
0.00027
3739815.42 | 0.00072 0.00091 0.00089 0.00080 0.00067 0.00053 0.00041 0.00033
0.00026
3739689.46 | 0.00048 0.00062 0.00064 0.00060 0.00054 0.00046 0.00038 0.00031
0.00026
3739563.50 | 0.00044 0.00048 0.00048 0.00046 0.00044 0.00039 0.00034 0.00029
0.00025
3739437.54 | 0.00037 0.00038 0.00038 0.00037 0.00036 0.00033 0.00030 0.00027
0.00024
3739311.58 | 0.00028 0.00030 0.00031 0.00031 0.00030 0.00029 0.00027 0.00024
0.00022
3739185.62 | 0.00023 0.00025 0.00026 0.00026 0.00025 0.00025 0.00024 0.00022
0.00020
3739059.66 | 0.00021 0.00021 0.00022 0.00022 0.00022 0.00022 0.00021 0.00020
0.00019
3738933.70 | 0.00018 0.00019 0.00019 0.00019 0.00019 0.00019 0.00019 0.00018
0.00017

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 454642.94 454801.80

- -

3741956.74	0.00032	0.00030
3741830.78	0.00033	0.00030
3741704.82	0.00035	0.00031
3741578.86	0.00035	0.00031
3741452.90	0.00035	0.00030
3741326.94	0.00035	0.00030
3741200.98	0.00034	0.00028
3741075.02	0.00032	0.00026
3740949.06	0.00030	0.00024
3740823.10	0.00027	0.00022
3740697.14	0.00025	0.00020
3740571.18	0.00022	0.00019
3740445.22	0.00022	0.00019
3740319.26	0.00022	0.00019
3740193.30	0.00022	0.00019
3740067.34	0.00021	0.00018
3739941.38	0.00021	0.00018
3739815.42	0.00021	0.00018
3739689.46	0.00021	0.00017
3739563.50	0.00020	0.00017
3739437.54	0.00019	0.00017
3739311.58	0.00020	0.00016
3739185.62	0.00018	0.00015
3739059.66	0.00017	0.00016
3738933.70	0.00016	0.00015

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** 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
453275.76	3740523.87	0.27684	453297.27	3740519.64	0.29570
453250.34	3740572.43	0.06519	453350.98	3740538.85	0.08341
453368.20	3740410.21	0.07299	453358.55	3740462.25	0.10833
453436.96	3740343.57	0.01507	453196.54	3740310.13	0.00885
452995.40	3740496.79	0.00154	453029.36	3740606.12	0.00325

453381.12	3740531.19	0.05568	453432.34	3740529.14	0.02848
453452.92	3740526.93	0.02261	453309.31	3740634.98	0.02442
453248.79	3740677.13	0.01317	453210.16	3740670.77	0.01202
453301.30	3740738.12	0.00820	453298.00	3740709.63	0.01051
453239.37	3740709.16	0.00945	453296.59	3740770.62	0.00633
453262.21	3740929.35	0.00247	453123.27	3740934.53	0.00203
453168.01	3740949.36	0.00205	453258.21	3740973.15	0.00205
453320.85	3740974.33	0.00214	453096.42	3740971.74	0.00170
453089.35	3740989.63	0.00159	453075.22	3741022.37	0.00141
453049.08	3741061.46	0.00123			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 451783.46	451942.32	452101.18	452260.04	452418.90
3741956.7	0.07443 (12121108)	0.09117 (12121108)	0.10103 (12121108)	0.12635 (15012208)	0.10681 (15012208)
3741830.8	0.07700 (16121308)	0.08909 (12121108)	0.13621 (12121108)	0.14616 (12121108)	0.11836 (15012208)
3741704.8	0.08357 (16010608)	0.09161 (16121308)	0.14536 (12121108)	0.16780 (12121108)	0.14763 (12121108)
3741578.9	0.12252 (16010608)	0.12610 (16010608)	0.16712 (16121308)	0.18765 (12121108)	0.22358 (12121108)
3741452.9	0.13180 (16020108)	0.15836 (16010608)	0.17590 (16010608)	0.18764 (16121308)	0.17323 (12121108)
3741326.9	0.17395 (16020108)	0.16125 (16020108)	0.18641 (16010608)	0.19254 (16010608)	0.20775 (16121308)
3741201.0	0.17862 (12020808)	0.20547 (16020108)	0.20831 (16020108)	0.21304 (16010608)	0.26541 (16010608)
3741075.0	0.18320 (15021208)	0.19259 (12020808)	0.23083 (12020808)	0.27030 (16020108)	0.26343 (16010608)
3740949.1	0.19995 (15021208)	0.22158 (15021208)	0.24950 (15021208)	0.28869 (12020808)	0.35205 (12020808)
3740823.1	0.13884 (15121708)	0.17946 (15021208)	0.26351 (15021208)	0.34713 (15021208)	0.37254 (15021208)

3740697.1	0.12097 (13012508)	0.13966 (13012508)	0.15687 (13012508)	0.21928 (15121708)	0.40169 (15021208)
3740571.2	0.12030 (14010308)	0.14277 (14010308)	0.15360 (12122108)	0.21126 (14010308)	0.26809 (13012508)
3740445.2	0.15830 (15112308)	0.18495 (15112308)	0.22108 (15112308)	0.26271 (15112308)	0.33064 (15112308)
3740319.3	0.17648 (14020408)	0.22328 (14020408)	0.26193 (14020408)	0.29158 (14020408)	0.36602 (14020408)
3740193.3	0.17045 (14020408)	0.19576 (14020408)	0.21562 (14020408)	0.22657 (14020408)	0.27578 (15010108)
3740067.3	0.10932 (15122308)	0.13861 (15010108)	0.18189 (15010108)	0.22710 (15010108)	0.32998 (15021708)
3739941.4	0.12356 (15010108)	0.13891 (15010108)	0.19686 (15021708)	0.25532 (15021708)	0.27121 (15021708)
3739815.4	0.13453 (15021708)	0.16939 (15021708)	0.19151 (15021708)	0.17795 (14112608)	0.30122 (14112608)
3739689.5	0.15235 (15021708)	0.14478 (15021708)	0.15498 (14112608)	0.23449 (14112608)	0.26317 (16021108)
3739563.5	0.12117 (15021708)	0.13964 (14112608)	0.19708 (14112608)	0.20760 (16021108)	0.22947 (16120508)
3739437.5	0.12945 (14112608)	0.18774 (14112608)	0.18031 (14112608)	0.19456 (16120508)	0.20990 (14112708)
3739311.6	0.14086 (14112608)	0.14414 (14112608)	0.17467 (16021108)	0.18016 (16120508)	0.23115 (14112708)
3739185.6	0.09992 (14112608)	0.11174 (16021108)	0.12585 (16120508)	0.17640 (14112708)	0.20632 (15120208)
3739059.7	0.08828 (16021108)	0.09151 (16120508)	0.12304 (14112708)	0.15927 (14112708)	0.16310 (15120208)
3738933.7	0.07937 (13012308)	0.08933 (12010408)	0.12030 (14112708)	0.11287 (15120208)	0.12894 (15020908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	452577.76	452736.62	452895.48	453054.34	453213.20

3741956.7	0.10075 (12013008)	0.09865 (15122208)	0.11992 (12021508)	0.12629 (12021508)	0.10314 (12021508)
3741830.8	0.11726 (15012208)	0.10903 (15122208)	0.12986 (12021508)	0.14358 (12021508)	0.11984 (12021508)
3741704.8	0.14742 (15012208)	0.12664 (12013008)	0.13993 (12021508)	0.16474 (12021508)	0.14052 (12021508)
3741578.9	0.15614 (15012208)	0.15257 (15012208)	0.14893 (12021508)	0.18947 (12021508)	0.16718 (12021508)
3741452.9	0.21861 (12121108)	0.21799 (15012208)	0.17017 (15122208)	0.21895 (12021508)	0.20149 (12021508)
3741326.9	0.30579 (12121108)	0.33590 (15012208)	0.21227 (12013008)	0.25413 (12021508)	0.24888 (12021508)
3741201.0	0.29823 (12121108)	0.38092 (12121108)	0.27920 (15012208)	0.29468 (12021508)	0.31564 (12021508)
3741075.0	0.32434 (16010608)	0.35502 (12121108)	0.35302 (15012208)	0.33695 (12021508)	0.41675 (12021508)
3740949.1	0.28692 (16020108)	0.39759 (16010608)	0.46268 (12121108)	0.48636 (15012208)	0.58171 (12021508)
3740823.1	0.47410 (12020808)	0.47224 (16020108)	0.51479 (12121108)	0.72585 (15012208)	0.86937 (12021508)
3740697.1	0.51202 (15021208)	0.61436 (15021208)	0.74468 (12020808)	1.06603 (12121108)	1.49562 (12021508)
3740571.2	0.39351 (13012508)	0.62625 (15021208)	0.98580 (15021208)	1.69726 (15021208)	4.02357 (12121108)
3740445.2	0.44152 (15112308)	0.62059 (15112308)	0.93286 (14020408)	1.73236 (14020408)	5.82031 (14020408)
3740319.3	0.45056 (14020408)	0.54857 (14020408)	0.85006 (15021708)	1.50542 (14112608)	3.19911 (14112708)
3740193.3	0.38296 (15021708)	0.61759 (15021708)	0.84954 (14112608)	1.24744 (14112708)	1.65039 (15021308)
3740067.3	0.40914 (15021708)	0.56082 (14112608)	0.70834 (16021108)	0.91617 (15120208)	0.99205 (15021308)
3739941.4	0.43466 (14112608)	0.48997 (16021108)	0.56427 (14112708)	0.64064 (15020308)	0.73447 (15021308)
3739815.4	0.37494 (16021108)	0.43551 (14112708)	0.50686 (15120208)	0.61456 (15020308)	0.63523 (14121508)
3739689.5	0.28080 (16120508)	0.38720 (14112708)	0.40953 (15022008)	0.46449 (15120708)	0.48932 (14121508)
3739563.5	0.29093 (14112708)	0.31738 (15120208)	0.37996 (15022008)	0.44488 (15021308)	0.40365 (14121508)
3739437.5	0.25566 (14112708)	0.28776 (15020908)	0.34754 (15020308)	0.37304 (15021308)	0.29466 (14121508)
3739311.6	0.22880 (15120208)	0.25564 (15022008)	0.29372 (15120708)	0.30375 (15021308)	0.29482 (14121508)
3739185.6	0.22460 (15020908)	0.24107 (15022008)	0.24041 (15120708)	0.24538 (15021308)	0.25356 (14121508)
3739059.7	0.20418 (15022008)	0.23772 (15020308)	0.23541 (15021308)	0.20732 (14121508)	0.20490 (14121508)
3738933.7	0.19152 (15022008)	0.21348 (15020308)	0.22338 (15021308)	0.19558 (14121508)	0.18805 (16012108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 453372.06	453530.92	453689.78	453848.64	454007.50
3741956.7	0.11476 (13121208)	0.14171 (13121208)	0.13019 (13121208)	0.10635 (15121008)	0.16464 (15121008)
3741830.8	0.13302 (13121208)	0.15963 (13121208)	0.13776 (13121208)	0.13106 (15121008)	0.21094 (15121008)
3741704.8	0.15665 (13121208)	0.17968 (13121208)	0.14501 (13121208)	0.15910 (15121008)	0.15590 (15121008)
3741578.9	0.18574 (13121208)	0.20470 (13121208)	0.15936 (15121008)	0.19001 (15121008)	0.18774 (15121008)
3741452.9	0.22421 (13121208)	0.23507 (13121208)	0.20725 (15121008)	0.21334 (15121008)	0.17099 (15121008)
3741326.9	0.27568 (13121208)	0.26710 (13121208)	0.26147 (15121008)	0.22903 (15121008)	0.16965 (12010208)
3741201.0	0.35185 (13121208)	0.30056 (13121208)	0.31729 (15121008)	0.22363 (15121008)	0.24949 (12010208)
3741075.0	0.46091 (13121208)	0.40016 (15121008)	0.35745 (15121008)	0.22627 (16121508)	0.24833 (15120408)
3740949.1	0.62413 (13121208)	0.55582 (15121008)	0.34377 (15121008)	0.30840 (15120408)	0.31915 (15120808)
3740823.1	0.90354 (13121208)	0.69899 (15121008)	0.44556 (15120408)	0.44623 (15120808)	0.48112 (15120808)
3740697.1	1.44439 (15121008)	0.81153 (15120408)	0.70906 (15120808)	0.50277 (16120908)	0.44218 (16120908)
3740571.2	2.77108 (15121008)	1.35496 (15120808)	0.74951 (16120908)	0.44400 (16122216)	0.36471 (14120808)
3740445.2	4.33957 (16120708)	1.51424 (16120708)	0.79182 (16120708)	0.49945 (16120708)	0.35154 (16120708)
3740319.3	3.25950 (13021208)	1.20969 (12120708)	0.73502 (12120508)	0.53775 (12120508)	0.40009 (12120508)
3740193.3	1.57659 (16112308)	1.02722 (13021208)	0.55585 (12120708)	0.42403 (12120708)	0.29757 (12120708)
3740067.3	0.89997 (16112308)	0.70193 (15012808)	0.53307 (13021208)	0.34653 (16112208)	0.28388 (12120708)
3739941.4	0.56184 (16112308)	0.55334 (15012808)	0.45836 (13021208)	0.33743 (16112208)	0.24747 (16112208)

3739815.4 | 0.42519 (16012708) 0.41376 (16112308) 0.34676 (15012808) 0.32248 (13021208) 0.24495 (16112208)
3739689.5 | 0.40026 (16012708) 0.34571 (16112308) 0.31031 (15012808) 0.26284 (13021208) 0.23725 (13021208)
3739563.5 | 0.29012 (16012708) 0.28326 (16112308) 0.25817 (15012808) 0.21661 (15012808) 0.21280 (13021208)
3739437.5 | 0.26669 (16012708) 0.24729 (16112308) 0.21476 (16112308) 0.20433 (15012808) 0.17791 (14120508)
3739311.6 | 0.26198 (16012708) 0.21196 (16112308) 0.21138 (16112308) 0.18234 (15012808) 0.15181 (15012808)
3739185.6 | 0.24442 (16012708) 0.17741 (13122608) 0.20930 (16112308) 0.16702 (15012808) 0.14739 (15012808)
3739059.7 | 0.21255 (16012708) 0.15877 (12121708) 0.19169 (16112308) 0.15178 (15012808) 0.13694 (15012808)
3738933.7 | 0.19934 (16012708) 0.15940 (12121708) 0.18237 (16112308) 0.14881 (16112308) 0.13900 (15012808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	454166.36	454325.22	454484.08	454642.94	454801.80
3741956.7	0.12065 (15121008)	0.09292 (15121008)	0.04404 (12010208)	0.07893 (12010208)	0.08001 (14122308)
3741830.8	0.14298 (15121008)	0.05126 (15121008)	0.07927 (12010208)	0.09081 (12010208)	0.09485 (16121508)
3741704.8	0.12409 (15121008)	0.07550 (12010208)	0.10644 (12010208)	0.10377 (16121508)	0.08747 (16121508)
3741578.9	0.08300 (12010208)	0.12046 (12010208)	0.11042 (12010308)	0.10380 (16121508)	0.11357 (15120408)
3741452.9	0.16013 (12010208)	0.14410 (16121508)	0.13680 (16121508)	0.13255 (15120408)	0.11529 (15120408)
3741326.9	0.17500 (16121508)	0.16304 (16121508)	0.15936 (15120408)	0.14219 (15120408)	0.13927 (15120808)
3741201.0	0.24012 (16121508)	0.22041 (15120408)	0.17952 (15120808)	0.16425 (15120808)	0.12485 (15120808)

3741075.0 | 0.29849 (15120408) 0.25235 (15120808) 0.22836 (15120808) 0.13785 (16120908) 0.15727 (16120908)
3740949.1 | 0.38169 (15120808) 0.27745 (15120808) 0.21845 (16120908) 0.17319 (16120908) 0.13948 (16120908)
3740823.1 | 0.39719 (16120908) 0.30131 (16120908) 0.19502 (14121908) 0.15500 (16011908) 0.14712 (16011908)
3740697.1 | 0.31366 (16120908) 0.27209 (16011908) 0.23968 (16122216) 0.20081 (16122216) 0.15145 (16122216)
3740571.2 | 0.37485 (14120808) 0.32635 (14120808) 0.27424 (14120808) 0.21901 (14120808) 0.19116 (14120808)
3740445.2 | 0.27176 (16120708) 0.22829 (16120708) 0.19500 (14120808) 0.16637 (14120808) 0.14052 (14120808)
3740319.3 | 0.31899 (16120708) 0.35730 (16120708) 0.29783 (16120708) 0.24504 (16120708) 0.17310 (16120708)
3740193.3 | 0.26792 (12120508) 0.26024 (12120508) 0.20187 (12120508) 0.17916 (12120508) 0.15111 (16120708)
3740067.3 | 0.23324 (12120708) 0.18351 (12120708) 0.17087 (12120508) 0.17409 (12120508) 0.18106 (12120508)
3739941.4 | 0.20398 (12120708) 0.18210 (12120708) 0.15530 (12120708) 0.16077 (12120708) 0.12823 (12121008)
3739815.4 | 0.18648 (16112208) 0.15123 (12120708) 0.14472 (12120708) 0.17165 (12120708) 0.15790 (12120708)
3739689.5 | 0.18823 (16112208) 0.14945 (16112208) 0.11740 (12120708) 0.15583 (12120708) 0.16912 (12120708)
3739563.5 | 0.18062 (13021208) 0.15070 (16112208) 0.12381 (16112208) 0.15404 (14011608) 0.14302 (16122208)
3739437.5 | 0.17260 (13021208) 0.14133 (13021208) 0.12532 (16112208) 0.15648 (12013108) 0.12765 (16122208)
3739311.6 | 0.15059 (13021208) 0.14146 (13021208) 0.11443 (13021208) 0.10605 (16112208) 0.13679 (12013108)
3739185.6 | 0.13050 (14120508) 0.13022 (13021208) 0.11760 (13021208) 0.13910 (16112208) 0.13709 (16112208)
3739059.7 | 0.11403 (15012808) 0.11418 (14120508) 0.11233 (13021208) 0.13134 (13021208) 0.11755 (16112208)
3738933.7 | 0.11283 (15012808) 0.10079 (14120508) 0.10138 (13021208) 0.09765 (13021208) 0.11484 (13021208)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
453275.76	3740523.87	8.82616	(12021508)	453297.27	3740519.64	8.96803	(13121208)
453250.34	3740572.43	4.59586	(12021508)	453350.98	3740538.85	3.89013	(15121008)
453368.20	3740410.21	4.18674	(12120508)	453358.55	3740462.25	4.88697	(16120708)
453436.96	3740343.57	2.03412	(16112208)	453196.54	3740310.13	2.79897	(14112708)
452995.40	3740496.79	1.05573	(15112308)	453029.36	3740606.12	1.38597	(12020808)
453381.12	3740531.19	3.47441	(15120808)	453432.34	3740529.14	2.44181	(15120808)
453452.92	3740526.93	2.14443	(16120908)	453309.31	3740634.98	2.44753	(13121208)
453248.79	3740677.13	1.75738	(12021508)	453210.16	3740670.77	1.68396	(12021508)
453301.30	3740738.12	1.27364	(13121208)	453298.00	3740709.63	1.47193	(13121208)
453239.37	3740709.16	1.46723	(12021508)	453296.59	3740770.62	1.07245	(13121208)
453262.21	3740929.35	0.55970	(12021508)	453123.27	3740934.53	0.52773	(12021508)
453168.01	3740949.36	0.57148	(12021508)	453258.21	3740973.15	0.49682	(12021508)
453320.85	3740974.33	0.54948	(13121208)	453096.42	3740971.74	0.44824	(12021508)
453089.35	3740989.63	0.42545	(12021508)	453075.22	3741022.37	0.38626	(12021508)
453049.08	3741061.46	0.33769	(12013008)				

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE GRID-ID
ALL	1ST HIGHEST VALUE IS	0.29570 AT (453297.27, 3740519.64, 274.17, 1731.74, 0.00)	DC
	2ND HIGHEST VALUE IS	0.27684 AT (453275.76, 3740523.87, 274.64, 1731.74, 0.00)	DC
	3RD HIGHEST VALUE IS	0.10833 AT (453358.55, 3740462.25, 272.48, 1731.74, 0.00)	DC
	4TH HIGHEST VALUE IS	0.08341 AT (453350.98, 3740538.85, 271.53, 1731.74, 0.00)	DC
	5TH HIGHEST VALUE IS	0.07746 AT (453372.06, 3740445.22, 272.50, 1731.70, 0.00)	GC UCART1
	6TH HIGHEST VALUE IS	0.07299 AT (453368.20, 3740410.21, 273.92, 1731.74, 0.00)	DC
	7TH HIGHEST VALUE IS	0.06519 AT (453250.34, 3740572.43, 281.43, 1731.74, 0.00)	DC
	8TH HIGHEST VALUE IS	0.05568 AT (453381.12, 3740531.19, 270.63, 1731.74, 0.00)	DC
	9TH HIGHEST VALUE IS	0.04441 AT (453213.20, 3740445.22, 283.30, 1731.70, 0.00)	GC UCART1
	10TH HIGHEST VALUE IS	0.04310 AT (453372.06, 3740571.18, 270.50, 1731.70, 0.00)	GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

View\23_048_Temesecal_Con2\23_048_Temesecal_Con2.isc *** 07/25/24
*** AERMET - VERSION 16216 *** *** *** 15:17:16
PAGE 64
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	8.96803	ON 13121208: AT (453297.27, 3740519.64, 274.17, 1731.74, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\23_048_Temesecal_Con2\23_048_Temesecal_Con2.isc *** 07/25/24
*** AERMET - VERSION 16216 *** *** *** 15:17:16
PAGE 65
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1763 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 884 Calm Hours Identified

A Total of 879 Missing Hours Identified (2.00 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 713 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 713 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***

****

APPENDIX B.2 – AERMOD MITIGATED CONSTRUCTION MODEL OUTPUT

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 7/25/2024
** File: C:\Lakes\AERMOD View\23_048_Temescal_Mitigated\23_048_Temescal_Mitigated.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\23_048_Temescal_Mitigated\23_048_Temescal_Mitig
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2474000
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL 23_048_Temescal_Mitigated.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1      AREAPOLY   453227.857  3740520.550     284.030
** DESCRSRC Project Site Area Source
** ----------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = ONS1
** DESCRSRC Onsite 1: Construction Access in/out
** PREFIX
** Length of Side = 14.00
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 1.5336E-11
** Nodes = 5
** 453317.035, 3740374.958, 276.07, 3.11
** 453306.205, 3740375.429, 276.38, 3.11
** 453298.672, 3740377.548, 277.04, 3.11
** 453295.612, 3740381.314, 277.02, 3.11
** 453280.074, 3740416.156, 276.80, 3.11
** ----------------------------------------------------------------
   LOCATION A0000001     AREA     453317.339 3740381.952 275.91
```

```
   LOCATION A0000002     AREA     453308.101 3740382.168 276.28
   LOCATION A0000003     AREA     453304.105 3740381.962 276.31
   LOCATION A0000004     AREA     453302.005 3740384.165 276.41
** End of LINE AREA Source ID = ONS1
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS1
** DESCRSRC Offsite 1: Site>Temescal Rd>15 Junction
** PREFIX
** Length of Side = 16.00
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 1.3225E-11
** Nodes = 19
** 453316.968, 3740374.843, 276.07, 3.11
** 453334.140, 3740375.120, 274.73, 3.11
** 453333.310, 3740433.838, 273.53, 3.11
** 453332.202, 3740484.247, 272.66, 3.11
** 453328.324, 3740523.854, 272.37, 3.11
** 453310.598, 3740584.788, 271.50, 3.11
** 453291.764, 3740640.183, 269.96, 3.11
** 453281.793, 3740674.527, 269.37, 3.11
** 453275.422, 3740725.213, 268.81, 3.11
** 453277.638, 3740777.838, 268.27, 3.11
** 453291.487, 3740872.286, 267.04, 3.11
** 453297.026, 3740925.465, 266.51, 3.11
** 453297.026, 3740951.223, 266.03, 3.11
** 453250.218, 3740945.683, 267.11, 3.11
** 453221.690, 3740937.374, 269.02, 3.11
** 453195.654, 3740924.080, 271.10, 3.11
** 453181.806, 3740917.709, 271.94, 3.11
** 453145.245, 3740904.969, 273.59, 3.11
** 453097.052, 3740893.336, 275.56, 3.11
** ----------------------------------------------------------------------
   LOCATION A0000005     AREA     453317.097 3740366.844 276.09
   LOCATION A0000006     AREA     453342.140 3740375.233 274.63
   LOCATION A0000007     AREA     453341.308 3740434.014 273.42
   LOCATION A0000008     AREA     453340.164 3740485.027 272.39
   LOCATION A0000009     AREA     453336.006 3740526.089 272.04
   LOCATION A0000010     AREA     453318.172 3740587.363 271.31
   LOCATION A0000011     AREA     453299.446 3740642.413 269.93
   LOCATION A0000012     AREA     453289.730 3740675.525 269.25
   LOCATION A0000013     AREA     453283.415 3740724.877 268.63
   LOCATION A0000014     AREA     453285.553 3740776.678 268.03
   LOCATION A0000015     AREA     453299.444 3740871.457 266.95
   LOCATION A0000016     AREA     453305.026 3740925.465 266.31
   LOCATION A0000017     AREA     453296.086 3740959.168 265.88
   LOCATION A0000018     AREA     453247.981 3740953.364 267.11
   LOCATION A0000019     AREA     453218.051 3740944.499 269.02
   LOCATION A0000020     AREA     453192.311 3740931.348 270.95
   LOCATION A0000021     AREA     453179.173 3740925.264 271.78
   LOCATION A0000022     AREA     453143.368 3740912.745 273.42
** End of LINE AREA Source ID = OFFS1
** ----------------------------------------------------------------------
```

```
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS2
** DESCRSRC Offsite 2: 15 Junction>15 N Ramp
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 5.6491E-12
** Nodes = 4
** 453095.433, 3740894.151, 275.62, 3.11
** 453038.128, 3740991.781, 278.83, 3.11
** 452956.415, 3741135.043, 283.24, 3.11
** 452905.478, 3741237.980, 283.37, 3.11
** ----------------------------------------------------------------------
  LOCATION A0000023     AREA     453099.529 3740896.555 275.30
  LOCATION A0000024     AREA     453070.877 3740945.371 276.43
  LOCATION A0000025     AREA     453042.254 3740994.135 278.19
  LOCATION A0000026     AREA     453001.398 3741065.766 280.17
  LOCATION A0000027     AREA     452960.673 3741137.150 282.98
  LOCATION A0000028     AREA     452935.204 3741188.618 283.49
** End of LINE AREA Source ID = OFFS2
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS3
** DESCRSRC Offsite 3: 15 Junction> 15 S Ramp
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 5.6485E-12
** Nodes = 9
** 453096.494, 3740893.090, 275.59, 0.00
** 452969.150, 3740850.111, 280.56, 0.00
** 452989.843, 3740822.520, 280.55, 0.00
** 453013.190, 3740791.214, 281.42, 0.00
** 453042.903, 3740743.991, 282.81, 0.00
** 453064.127, 3740710.563, 283.49, 0.00
** 453080.576, 3740680.850, 283.87, 0.00
** 453104.881, 3740633.642, 284.15, 0.00
** 453128.942, 3740585.433, 284.24, 0.00
** ----------------------------------------------------------------------
  LOCATION A0000029     AREA     453094.975 3740897.590 275.45
  LOCATION A0000030     AREA     453031.303 3740876.101 278.28
  LOCATION A0000031     AREA     452965.350 3740847.261 280.73
  LOCATION A0000032     AREA     452986.036 3740819.680 280.51
  LOCATION A0000033     AREA     453009.169 3740788.685 281.21
  LOCATION A0000034     AREA     453038.893 3740741.445 282.37
  LOCATION A0000035     AREA     453059.972 3740708.263 283.13
  LOCATION A0000036     AREA     453076.353 3740678.675 283.50
  LOCATION A0000037     AREA     453100.631 3740631.521 284.12
** End of LINE AREA Source ID = OFFS3
** Source Parameters **
  SRCPARAM PAREA1       6.21E-08     5.000        13
  AREAVERT PAREA1       453227.857 3740520.550 453312.866 3740517.619
```

```
  AREAVERT PAREA1      453316.448 3740498.728 453316.715 3740479.837
  AREAVERT PAREA1      453316.712 3740479.610 453316.962 3740463.613
  AREAVERT PAREA1      453316.690 3740460.333 453316.636 3740439.968
  AREAVERT PAREA1      453317.350 3740390.245 453317.505 3740380.823
  AREAVERT PAREA1      453318.403 3740354.685 453302.769 3740348.253
  AREAVERT PAREA1      453269.047 3740411.590
** LINE AREA Source ID = ONS1
  SRCPARAM A0000001    1.5336E-11    3.111    10.839    14.000  -177.510     2.894
  SRCPARAM A0000002    1.5336E-11    3.111     7.826    14.000  -164.291     2.894
  SRCPARAM A0000003    1.5336E-11    3.111     4.853    14.000  -129.094     2.894
  SRCPARAM A0000004    1.5336E-11    3.111    38.149    14.000  -114.034     2.894
** ----------------------------------------------------------------
** LINE AREA Source ID = OFFS1
  SRCPARAM A0000005    1.3225E-11    3.111    17.175    16.000    -0.924     2.894
  SRCPARAM A0000006    1.3225E-11    3.111    58.724    16.000   -90.811     2.894
  SRCPARAM A0000007    1.3225E-11    3.111    50.421    16.000   -91.259     2.894
  SRCPARAM A0000008    1.3225E-11    3.111    39.796    16.000   -95.592     2.894
  SRCPARAM A0000009    1.3225E-11    3.111    63.460    16.000  -106.220     2.894
  SRCPARAM A0000010    1.3225E-11    3.111    58.509    16.000  -108.778     2.894
  SRCPARAM A0000011    1.3225E-11    3.111    35.763    16.000  -106.189     2.894
  SRCPARAM A0000012    1.3225E-11    3.111    51.085    16.000   -97.164     2.894
  SRCPARAM A0000013    1.3225E-11    3.111    52.671    16.000   -87.589     2.894
  SRCPARAM A0000014    1.3225E-11    3.111    95.458    16.000   -81.658     2.894
  SRCPARAM A0000015    1.3225E-11    3.111    53.466    16.000   -84.053     2.894
  SRCPARAM A0000016    1.3225E-11    3.111    25.758    16.000   -90.000     2.894
  SRCPARAM A0000017    1.3225E-11    3.111    47.135    16.000   173.251     2.894
  SRCPARAM A0000018    1.3225E-11    3.111    29.714    16.000   163.761     2.894
  SRCPARAM A0000019    1.3225E-11    3.111    29.233    16.000   152.949     2.894
  SRCPARAM A0000020    1.3225E-11    3.111    15.244    16.000   155.298     2.894
  SRCPARAM A0000021    1.3225E-11    3.111    38.717    16.000   160.787     2.894
  SRCPARAM A0000022    1.3225E-11    3.111    49.577    16.000   166.430     2.894
** ----------------------------------------------------------------
** LINE AREA Source ID = OFFS2
  SRCPARAM A0000023    5.6491E-12    3.111    56.603     9.500  -120.411     2.894
  SRCPARAM A0000024    5.6491E-12    3.111    56.603     9.500  -120.411     2.894
  SRCPARAM A0000025    5.6491E-12    3.111    82.464     9.500  -119.699     2.894
  SRCPARAM A0000026    5.6491E-12    3.111    82.464     9.500  -119.699     2.894
  SRCPARAM A0000027    5.6491E-12    3.111    57.425     9.500  -116.328     2.894
  SRCPARAM A0000028    5.6491E-12    3.111    57.425     9.500  -116.328     2.894
** ----------------------------------------------------------------
** LINE AREA Source ID = OFFS3
  SRCPARAM A0000029    5.6485E-12    0.000    67.201     9.500   161.350     2.894
  SRCPARAM A0000030    5.6485E-12    0.000    67.201     9.500   161.350     2.894
  SRCPARAM A0000031    5.6485E-12    0.000    34.489     9.500    53.130     2.894
  SRCPARAM A0000032    5.6485E-12    0.000    39.052     9.500    53.286     2.894
  SRCPARAM A0000033    5.6485E-12    0.000    55.794     9.500    57.821     2.894
  SRCPARAM A0000034    5.6485E-12    0.000    39.596     9.500    57.588     2.894
  SRCPARAM A0000035    5.6485E-12    0.000    33.963     9.500    61.032     2.894
  SRCPARAM A0000036    5.6485E-12    0.000    53.097     9.500    62.758     2.894
  SRCPARAM A0000037    5.6485E-12    0.000    53.880     9.500    63.477     2.894
** ----------------------------------------------------------------
  URBANSRC ALL

  ** Variable Emissions Type: "By Hour / Day (HRDOW)"
```

```
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PAREA1     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000001   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT A0000001   HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000002   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000002   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT A0000002   HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT A0000002   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000003   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000003   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT A0000003   HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT A0000003   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000004   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000004   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT A0000004   HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT A0000004   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000002   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000002   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000002   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000002   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000003   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000003   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000003   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000003   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000004   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000004   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000004   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000004   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT A0000001   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000001    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000005    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000005    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000005    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000006    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000006    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000007    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000007    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000008    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000008    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000009    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000009    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000010    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000010    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000011    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000011    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000012    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000012    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000013    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000013    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000014    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000014    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000015    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000015    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000015    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000016    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000016    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000017    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000017    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000018    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT A0000019    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000019    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000019    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000020    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000020    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000021    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000021    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000022    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000022    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000005    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000006    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000007    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000008    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000009    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000010 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000010 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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RE STARTING
   INCLUDED 23_048_Temescal_Mitigated.rou
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
```

```
**************************************
**
**
ME STARTING
  SURFFILE ..\ELSI_V9_ADJU\ELSI_v9.SFC
  PROFFILE ..\ELSI_V9_ADJU\ELSI_v9.PFL
  SURFDATA 3171 2012 Lake_Elsinore_Monitoring_Station
  UAIRDATA 3190 2012
  SITEDATA 99999 2012
  PROFBASE 395.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST 23_048_TEMESCAL_MITIGATED.AD\01H1GALL.PLT 31
  PLOTFILE PERIOD ALL 23_048_TEMESCAL_MITIGATED.AD\PE00GALL.PLT 32
  SUMMFILE 23_048_Temescal_Mitigated.sum
OU FINISHED


 *** Message Summary For AERMOD Model Setup ***

 --------- Summary of Total Messages --------

A Total of         0 Fatal Error Message(s)
A Total of         2 Warning Message(s)
A Total of         0 Informational Message(s)


  ******** FATAL ERROR MESSAGES ********
           ***  NONE  ***


  ********   WARNING MESSAGES   ********
ME W186    713      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    713      MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

***********************************
*** SETUP Finishes Successfully ***
***********************************

   *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD
View\23_048_Temescal_Mitigated\23_048_Temescal_Mitig ***       07/25/24
*** AERMET - VERSION  16216 ***   ***                                          ***       13:59:21
                                                                    PAGE   1
*** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** MODEL SETUP OPTIONS SUMMARY ***

- -

** Model Options Selected:
* Model Uses Regulatory DEFAULT Options
* Model Is Setup For Calculation of Average CONCentration Values.
* NO GAS DEPOSITION Data Provided.
* NO PARTICLE DEPOSITION Data Provided.
* Model Uses NO DRY DEPLETION. DDPLETE = F
* Model Uses NO WET DEPLETION. WETDPLT = F
* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses URBAN Dispersion Algorithm for the SBL for 38 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2474000.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* 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 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

**This Run Includes: 38 Source(s); 1 Source Group(s); and 529 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 38 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
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) = 395.00 ; 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 = 3.6 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: 23_048_Temescal_Mitigated.err
**File for Summary of Results: 23_048_Temescal_Mitigated.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***

SOURCE ID	PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
A0000001	0	0.15336E-10	453317.3	3740382.0	275.9	3.11	10.84	14.00	-177.51	2.89	YES	HRDOW	NO
A0000002	0	0.15336E-10	453308.1	3740382.2	276.3	3.11	7.83	14.00	-164.29	2.89	YES	HRDOW	NO
A0000003	0	0.15336E-10	453304.1	3740382.0	276.3	3.11	4.85	14.00	-129.09	2.89	YES	HRDOW	NO
A0000004	0	0.15336E-10	453302.0	3740384.2	276.4	3.11	38.15	14.00	-114.03	2.89	YES	HRDOW	NO
A0000005	0	0.13225E-10	453317.1	3740366.8	276.1	3.11	17.18	16.00	-0.92	2.89	YES	HRDOW	NO
A0000006	0	0.13225E-10	453342.1	3740375.2	274.6	3.11	58.72	16.00	-90.81	2.89	YES	HRDOW	NO
A0000007	0	0.13225E-10	453341.3	3740434.0	273.4	3.11	50.42	16.00	-91.26	2.89	YES	HRDOW	NO
A0000008	0	0.13225E-10	453340.2	3740485.0	272.4	3.11	39.80	16.00	-95.59	2.89	YES	HRDOW	NO
A0000009	0	0.13225E-10	453336.0	3740526.1	272.0	3.11	63.46	16.00	-106.22	2.89	YES	HRDOW	NO
A0000010	0	0.13225E-10	453318.2	3740587.4	271.3	3.11	58.51	16.00	-108.78	2.89	YES	HRDOW	NO
A0000011	0	0.13225E-10	453299.4	3740642.4	269.9	3.11	35.76	16.00	-106.19	2.89	YES	HRDOW	NO
A0000012	0	0.13225E-10	453289.7	3740675.5	269.2	3.11	51.09	16.00	-97.16	2.89	YES	HRDOW	NO
A0000013	0	0.13225E-10	453283.4	3740724.9	268.6	3.11	52.67	16.00	-87.59	2.89	YES		

HRDOW	NO										
A0000014	0	0.13225E-10	453285.6	3740776.7	268.0	3.11	95.46	16.00	-81.66	2.89	YES
HRDOW	NO										
A0000015	0	0.13225E-10	453299.4	3740871.5	266.9	3.11	53.47	16.00	-84.05	2.89	YES
HRDOW	NO										
A0000016	0	0.13225E-10	453305.0	3740925.5	266.3	3.11	25.76	16.00	-90.00	2.89	YES
HRDOW	NO										
A0000017	0	0.13225E-10	453296.1	3740959.2	265.9	3.11	47.14	16.00	173.25	2.89	YES
HRDOW	NO										
A0000018	0	0.13225E-10	453248.0	3740953.4	267.1	3.11	29.71	16.00	163.76	2.89	YES
HRDOW	NO										
A0000019	0	0.13225E-10	453218.1	3740944.5	269.0	3.11	29.23	16.00	152.95	2.89	YES
HRDOW	NO										
A0000020	0	0.13225E-10	453192.3	3740931.3	270.9	3.11	15.24	16.00	155.30	2.89	YES
HRDOW	NO										
A0000021	0	0.13225E-10	453179.2	3740925.3	271.8	3.11	38.72	16.00	160.79	2.89	YES
HRDOW	NO										
A0000022	0	0.13225E-10	453143.4	3740912.7	273.4	3.11	49.58	16.00	166.43	2.89	YES
HRDOW	NO										
A0000023	0	0.56491E-11	453099.5	3740896.6	275.3	3.11	56.60	9.50	-120.41	2.89	YES
HRDOW	NO										
A0000024	0	0.56491E-11	453070.9	3740945.4	276.4	3.11	56.60	9.50	-120.41	2.89	YES
HRDOW	NO										
A0000025	0	0.56491E-11	453042.3	3740994.1	278.2	3.11	82.46	9.50	-119.70	2.89	YES
HRDOW	NO										
A0000026	0	0.56491E-11	453001.4	3741065.8	280.2	3.11	82.46	9.50	-119.70	2.89	YES
HRDOW	NO										
A0000027	0	0.56491E-11	452960.7	3741137.1	283.0	3.11	57.43	9.50	-116.33	2.89	YES
HRDOW	NO										
A0000028	0	0.56491E-11	452935.2	3741188.6	283.5	3.11	57.43	9.50	-116.33	2.89	YES
HRDOW	NO										
A0000029	0	0.56485E-11	453095.0	3740897.6	275.4	0.00	67.20	9.50	161.35	2.89	YES
HRDOW	NO										
A0000030	0	0.56485E-11	453031.3	3740876.1	278.3	0.00	67.20	9.50	161.35	2.89	YES
HRDOW	NO										
A0000031	0	0.56485E-11	452965.3	3740847.3	280.7	0.00	34.49	9.50	53.13	2.89	YES
HRDOW	NO										
A0000032	0	0.56485E-11	452986.0	3740819.7	280.5	0.00	39.05	9.50	53.29	2.89	YES
HRDOW	NO										
A0000033	0	0.56485E-11	453009.2	3740788.7	281.2	0.00	55.79	9.50	57.82	2.89	YES
HRDOW	NO										
A0000034	0	0.56485E-11	453038.9	3740741.4	282.4	0.00	39.60	9.50	57.59	2.89	YES
HRDOW	NO										
A0000035	0	0.56485E-11	453060.0	3740708.3	283.1	0.00	33.96	9.50	61.03	2.89	YES
HRDOW	NO										
A0000036	0	0.56485E-11	453076.4	3740678.7	283.5	0.00	53.10	9.50	62.76	2.89	YES
HRDOW	NO										
A0000037	0	0.56485E-11	453100.6	3740631.5	284.1	0.00	53.88	9.50	63.48	2.89	YES
HRDOW	NO										

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
PAREA1	0	0.62100E-07	453227.9	3740520.5	284.0	5.00	13	0.00	YES	HRDOW NO

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 , A0000033 , A0000034 , A0000035 , A0000036 , A0000037 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2474000.	PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 ,

A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015
,

A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023
,

A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031
,

A0000032 , A0000033 , A0000034 , A0000035 , A0000036 , A0000037 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000001 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000002 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000003 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000004 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000005 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000006 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000007 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	

.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000008 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000009 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000010 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000011 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000012 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000013 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000014 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000015 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000016 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000017 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD View\23_048_Temescal_Mitigated\23_048_Temescal_Mitig *** 07/25/24
*** AERMET - VERSION 16216 *** *** *** 13:59:21
PAGE 24
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000018 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24

.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000019 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000020 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000021 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000022 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000023 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000024 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000025 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD View\23_048_Temescal_Mitigated\23_048_Temescal_Mitig *** 07/25/24
*** AERMET - VERSION 16216 *** *** *** 13:59:21
PAGE 32
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000026 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000027 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000028 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000029 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000030 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000031 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000032 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000033 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000034 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8

.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000035 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = A0000036 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000037 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

451783.5, 451942.3, 452101.2, 452260.0, 452418.9, 452577.8, 452736.6, 452895.5, 453054.3, 453213.2,
453372.1, 453530.9, 453689.8, 453848.6, 454007.5, 454166.4, 454325.2, 454484.1, 454642.9, 454801.8,

*** Y-COORDINATES OF GRID ***
(METERS)

3738933.7, 3739059.7, 3739185.6, 3739311.6, 3739437.5, 3739563.5, 3739689.5, 3739815.4, 3739941.4, 3740067.3,
3740193.3, 3740319.3, 3740445.2, 3740571.2, 3740697.1, 3740823.1, 3740949.1, 3741075.0, 3741201.0, 3741326.9,
3741452.9, 3741578.9, 3741704.8, 3741830.8, 3741956.7,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	451783.46	451942.32	452101.18	452260.04	452418.90	452577.76	452736.62	452895.48	453054.34
3741956.74	286.20	287.20	286.50	298.50	288.00	281.40	259.40	257.50	255.70
3741830.78	289.30	283.20	298.20	298.80	288.10	279.20	263.00	259.30	258.40
3741704.82	289.00	290.20	312.40	300.00	294.20	291.10	269.30	263.60	263.90
3741578.86	305.50	299.30	331.80	332.70	311.40	286.80	280.80	264.80	264.90
3741452.90	326.00	333.80	313.50	313.90	290.30	297.60	294.40	265.00	265.00
3741326.94	330.50	336.70	323.40	304.10	304.90	333.60	317.90	278.20	265.90
3741200.98	333.70	317.50	330.20	339.60	319.60	308.10	312.60	283.40	267.10
3741075.02	330.80	332.50	350.50	326.20	333.70	310.00	293.20	282.00	268.20

3740949.06	356.20	355.50	326.40	309.80	312.00	291.40	299.60	288.00	277.70
3740823.10	378.60	375.30	349.20	325.80	305.30	309.00	295.80	284.10	284.80
3740697.14	381.20	376.00	383.20	363.30	323.90	298.20	296.40	290.40	282.60
3740571.18	375.30	360.40	372.20	329.30	324.60	311.10	303.30	291.90	291.40
3740445.22	381.80	372.80	362.60	358.70	348.20	333.80	320.20	316.90	310.10
3740319.26	369.30	353.90	354.70	363.20	352.00	342.60	331.10	309.40	295.40
3740193.30	385.50	368.60	355.90	345.10	345.20	327.90	320.30	313.60	303.30
3740067.34	396.80	379.10	364.70	347.60	341.60	332.40	324.60	316.50	301.20
3739941.38	393.40	382.90	369.00	356.60	341.80	320.40	304.50	293.40	291.90
3739815.42	389.90	383.30	369.60	358.10	349.90	328.90	314.10	310.60	324.40
3739689.46	378.90	378.10	368.30	364.20	352.80	347.40	335.80	335.80	336.60
3739563.50	365.30	372.70	369.70	363.50	356.10	347.80	334.70	329.10	314.80
3739437.54	371.10	349.00	362.90	358.30	355.50	351.40	338.20	330.50	323.10
3739311.58	389.90	385.70	353.20	337.10	347.30	343.00	349.90	332.20	329.40
3739185.62	451.10	425.70	398.20	364.80	341.20	327.60	336.40	354.80	333.20
3739059.66	490.00	466.60	393.60	383.90	367.30	334.90	321.80	335.10	329.60
3738933.70	507.20	469.90	421.40	436.70	398.80	343.80	319.60	315.30	316.60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	453213.20	453372.06	453530.92	453689.78	453848.64	454007.50	454166.36	454325.22	454484.08
3741956.74	257.50	262.50	279.50	279.50	249.50	300.00	289.20	349.30	380.40
3741830.78	262.10	263.60	268.70	262.80	254.90	310.10	356.20	384.60	392.70
3741704.82	265.60	268.40	259.20	259.30	260.30	282.90	328.70	381.40	406.40
3741578.86	267.50	263.90	259.00	258.80	282.50	295.70	343.60	405.30	413.50
3741452.90	265.70	262.50	263.10	261.50	268.00	296.40	332.30	375.30	382.50
3741326.94	265.50	259.90	262.00	259.50	275.50	328.90	360.80	376.20	394.90
3741200.98	265.00	264.00	262.20	260.60	283.20	320.70	338.00	356.70	380.70
3741075.02	266.30	264.40	262.30	264.30	271.70	292.90	311.80	358.50	357.30
3740949.06	269.20	262.50	260.60	263.60	277.40	291.20	310.00	334.30	372.80
3740823.10	269.60	265.60	263.40	255.70	282.40	305.30	311.50	335.50	358.70
3740697.14	276.20	267.50	264.90	264.80	275.80	296.80	313.60	331.60	326.60
3740571.18	280.80	270.50	265.70	265.70	257.60	289.90	306.10	319.10	317.90
3740445.22	283.30	272.50	270.70	266.70	262.10	259.90	279.30	293.70	325.00
3740319.26	284.90	276.00	273.20	269.40	268.60	265.70	287.50	307.10	311.10
3740193.30	288.60	281.60	275.00	272.40	270.50	265.20	275.50	292.90	284.90
3740067.34	284.30	281.40	278.50	277.10	275.00	261.70	266.10	274.30	296.10
3739941.38	295.00	282.10	279.80	278.20	277.30	274.40	266.00	266.90	285.70
3739815.42	316.70	285.10	284.50	280.10	278.90	276.30	260.60	263.60	278.00
3739689.46	328.30	295.70	285.60	283.90	280.80	280.60	270.80	264.90	281.10
3739563.50	306.40	290.10	287.60	288.10	281.80	280.30	275.60	265.60	282.10
3739437.54	297.10	293.10	290.70	289.50	283.60	280.40	275.90	266.90	278.40
3739311.58	315.30	299.90	293.40	291.70	287.60	281.00	275.80	271.70	274.60

3739185.62	318.30	304.50	296.70	295.70	290.90	283.80	278.80	274.30	270.80
3739059.66	304.20	303.00	298.50	297.40	295.20	286.60	279.20	274.60	270.60
3738933.70	309.50	307.10	305.90	303.50	296.00	292.70	280.90	275.30	271.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)	
	454642.94	454801.80
3741956.74	383.40	395.70
3741830.78	387.00	402.00
3741704.82	401.50	428.60
3741578.86	413.70	413.60
3741452.90	406.00	419.80
3741326.94	389.70	408.30
3741200.98	400.10	420.30
3741075.02	423.70	392.50
3740949.06	388.60	384.10
3740823.10	365.90	369.40
3740697.14	349.80	392.10
3740571.18	347.70	347.10
3740445.22	316.90	307.20
3740319.26	309.10	294.60
3740193.30	289.70	287.50
3740067.34	299.80	321.80
3739941.38	300.70	303.70
3739815.42	300.40	306.10
3739689.46	307.40	324.40
3739563.50	315.90	328.90
3739437.54	316.80	332.80
3739311.58	288.70	319.00
3739185.62	309.20	327.30
3739059.66	303.60	304.00
3738933.70	282.00	319.50

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	451783.46	451942.32	452101.18	452260.04	452418.90	452577.76	452736.62	452895.48

453054.34
 -

3741956.74	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3741830.78	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3741704.82	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3741578.86	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3741452.90	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3741326.94	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3741200.98	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3741075.02	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740949.06	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740823.10	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740697.14	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740571.18	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740445.22	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740319.26	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740193.30	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3740067.34	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739941.38	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739815.42	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739689.46	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739563.50	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739437.54	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739311.58	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739185.62	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3739059.66	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								
3738933.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
1731.70								

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	453213.20	453372.06	453530.92	453689.78	453848.64	454007.50	454166.36	454325.22	454484.08
3741956.74	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3741830.78	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3741704.82	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3741578.86	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3741452.90	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3741326.94	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3741200.98	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3741075.02	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740949.06	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740823.10	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740697.14	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740571.18	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740445.22	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740319.26	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740193.30	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3740067.34	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3739941.38	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3739815.42	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3739689.46	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70
3739563.50	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70	1731.70

3739437.54 | 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70
1731.70
3739311.58 | 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70
1731.70
3739185.62 | 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70
1731.70
3739059.66 | 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70
1731.70
3738933.70 | 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70 1731.70
1731.70

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)	
	454642.94	454801.80
3741956.74	1731.70	1731.70
3741830.78	1731.70	1731.70
3741704.82	1731.70	1731.70
3741578.86	1731.70	1731.70
3741452.90	1731.70	1731.70
3741326.94	1731.70	1731.70
3741200.98	1731.70	1731.70
3741075.02	1731.70	1731.70
3740949.06	1731.70	1731.70
3740823.10	1731.70	1731.70
3740697.14	1731.70	1731.70
3740571.18	1731.70	1731.70
3740445.22	1731.70	1731.70
3740319.26	1731.70	1731.70
3740193.30	1731.70	1731.70
3740067.34	1731.70	1731.70
3739941.38	1731.70	1731.70
3739815.42	1731.70	1731.70
3739689.46	1731.70	1731.70
3739563.50	1731.70	1731.70
3739437.54	1731.70	1731.70
3739311.58	1731.70	1731.70
3739185.62	1731.70	1731.70
3739059.66	1731.70	1731.70
3738933.70	1731.70	1731.70

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(453275.8, 3740523.9, 274.6, 1731.7, 0.0); (453297.3, 3740519.6, 274.2, 1731.7, 0.0);
(453250.3, 3740572.4, 281.4, 1731.7, 0.0); (453351.0, 3740538.8, 271.5, 1731.7, 0.0);
(453368.2, 3740410.2, 273.9, 1731.7, 0.0); (453358.5, 3740462.2, 272.5, 1731.7, 0.0);
(453437.0, 3740343.6, 275.2, 1731.7, 0.0); (453196.5, 3740310.1, 288.6, 1731.7, 0.0);
(452995.4, 3740496.8, 314.7, 1731.7, 0.0); (453029.4, 3740606.1, 291.2, 1731.7, 0.0);
(453381.1, 3740531.2, 270.6, 1731.7, 0.0); (453432.3, 3740529.1, 269.7, 1731.7, 0.0);
(453452.9, 3740526.9, 269.5, 1731.7, 0.0); (453309.3, 3740635.0, 270.0, 1731.7, 0.0);
(453248.8, 3740677.1, 272.2, 1731.7, 0.0); (453210.2, 3740670.8, 277.8, 1731.7, 0.0);
(453301.3, 3740738.1, 267.8, 1731.7, 0.0); (453298.0, 3740709.6, 268.4, 1731.7, 0.0);
(453239.4, 3740709.2, 273.2, 1731.7, 0.0); (453296.6, 3740770.6, 268.2, 1731.7, 0.0);
(453262.2, 3740929.3, 267.0, 1731.7, 0.0); (453123.3, 3740934.5, 270.4, 1731.7, 0.0);
(453168.0, 3740949.4, 269.5, 1731.7, 0.0); (453258.2, 3740973.1, 267.1, 1731.7, 0.0);
(453320.8, 3740974.3, 265.3, 1731.7, 0.0); (453096.4, 3740971.7, 269.5, 1731.7, 0.0);
(453089.3, 3740989.6, 269.3, 1731.7, 0.0); (453075.2, 3741022.4, 268.8, 1731.7, 0.0);
(453049.1, 3741061.5, 268.6, 1731.7, 0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\ELSI_V9_ADJU\ELSI_v9.SFC Met Version: 16216
Profile file: ..\ELSI_V9_ADJU\ELSI_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: LAKE_ELSINORE_MONITORING_STATION Name: UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-1.3	0.065	-9.000	-9.000	-999.	40.	18.2	0.23	2.69	1.00	0.40	78.	9.1	284.2	5.5
12	01	01	1	02	-4.2	0.092	-9.000	-9.000	-999.	67.	16.0	0.23	2.69	1.00	0.90	69.	9.1	283.8	5.5
12	01	01	1	03	-4.2	0.092	-9.000	-9.000	-999.	67.	16.0	0.23	2.69	1.00	0.90	286.	9.1	282.5	5.5
12	01	01	1	04	-4.2	0.092	-9.000	-9.000	-999.	67.	16.0	0.23	2.69	1.00	0.90	348.	9.1	282.5	5.5
12	01	01	1	05	-1.3	0.066	-9.000	-9.000	-999.	40.	18.2	0.23	2.69	1.00	0.40	17.	9.1	282.0	5.5
12	01	01	1	06	-4.2	0.092	-9.000	-9.000	-999.	67.	16.0	0.23	2.69	1.00	0.90	161.	9.1	282.0	5.5
12	01	01	1	07	-1.3	0.066	-9.000	-9.000	-999.	40.	18.2	0.23	2.69	1.00	0.40	273.	9.1	282.0	5.5
12	01	01	1	08	-3.6	0.091	-9.000	-9.000	-999.	66.	18.3	0.23	2.69	0.54	0.90	113.	9.1	283.8	5.5
12	01	01	1	09	39.6	0.087	0.358	0.016	40.	61.	-1.4	0.23	2.69	0.33	0.40	336.	9.1	285.9	5.5
12	01	01	1	10	110.7	0.206	0.740	0.007	127.	225.	-6.9	0.23	2.69	0.25	1.30	158.	9.1	291.4	5.5
12	01	01	1	11	161.7	0.105	1.203	0.005	374.	87.	-1.0	0.23	2.69	0.23	0.40	33.	9.1	297.0	5.5
12	01	01	1	12	185.5	0.271	1.535	0.005	676.	339.	-9.3	0.23	2.69	0.22	1.80	313.	9.1	298.8	5.5
12	01	01	1	13	183.9	0.219	1.828	0.005	1154.	247.	-4.9	0.23	2.69	0.22	1.30	250.	9.1	300.4	5.5
12	01	01	1	14	156.6	0.266	1.869	0.005	1446.	330.	-10.4	0.23	2.69	0.23	1.80	217.	9.1	301.4	5.5
12	01	01	1	15	104.7	0.256	1.677	0.005	1562.	311.	-13.8	0.23	2.69	0.27	1.80	248.	9.1	302.0	5.5
12	01	01	1	16	32.7	0.319	1.147	0.005	1596.	433.	-85.9	0.23	2.69	0.36	2.70	235.	9.1	302.0	5.5
12	01	01	1	17	-15.5	0.190	-9.000	-9.000	-999.	208.	39.6	0.23	2.69	0.63	1.80	46.	9.1	299.2	5.5
12	01	01	1	18	-4.1	0.092	-9.000	-9.000	-999.	73.	16.2	0.23	2.69	1.00	0.90	107.	9.1	294.9	5.5
12	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.23	2.69	1.00	999.00	999.	-9.0	292.5	5.5
12	01	01	1	20	-4.2	0.092	-9.000	-9.000	-999.	67.	16.1	0.23	2.69	1.00	0.90	323.	9.1	290.4	5.5
12	01	01	1	21	-8.8	0.133	-9.000	-9.000	-999.	116.	23.2	0.23	2.69	1.00	1.30	34.	9.1	287.5	5.5
12	01	01	1	22	-1.3	0.065	-9.000	-9.000	-999.	41.	18.1	0.23	2.69	1.00	0.40	359.	9.1	286.4	5.5
12	01	01	1	23	-1.3	0.065	-9.000	-9.000	-999.	40.	18.1	0.23	2.69	1.00	0.40	351.	9.1	285.4	5.5
12	01	01	1	24	-4.2	0.092	-9.000	-9.000	-999.	67.	16.0	0.23	2.69	1.00	0.90	11.	9.1	284.9	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	284.3	99.0	-99.00	-99.00
12	01	01	01	9.1	1	78.	0.40	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,

A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012
,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020
,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	451783.46	451942.32	452101.18	452260.04	452418.90	452577.76	452736.62	452895.48	453054.34
3741956.74	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00003
3741830.78	0.00001	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00004
3741704.82	0.00001	0.00002	0.00002	0.00002	0.00003	0.00003	0.00004	0.00004	0.00004
3741578.86	0.00001	0.00002	0.00002	0.00002	0.00003	0.00003	0.00004	0.00004	0.00005
3741452.90	0.00001	0.00001	0.00002	0.00002	0.00003	0.00004	0.00004	0.00005	0.00005
3741326.94	0.00001	0.00001	0.00002	0.00002	0.00003	0.00004	0.00005	0.00006	0.00007
3741200.98	0.00001	0.00001	0.00002	0.00002	0.00003	0.00004	0.00005	0.00007	0.00008
3741075.02	0.00001	0.00001	0.00001	0.00002	0.00003	0.00004	0.00006	0.00009	0.00011
3740949.06	0.00001	0.00001	0.00001	0.00002	0.00003	0.00004	0.00006	0.00011	0.00016
3740823.10	0.00001	0.00001	0.00001	0.00002	0.00002	0.00003	0.00006	0.00013	0.00024
3740697.14	0.00001	0.00001	0.00001	0.00001	0.00002	0.00003	0.00005	0.00012	0.00036
3740571.18	0.00001	0.00001	0.00001	0.00001	0.00002	0.00003	0.00005	0.00011	0.00037
3740445.22	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002	0.00004	0.00007	0.00021
3740319.26	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00003	0.00007	0.00021
3740193.30	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00003	0.00006	0.00016
3740067.34	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00003	0.00006	0.00012
3739941.38	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00004	0.00006	0.00009
3739815.42	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00003	0.00005	0.00005
3739689.46	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00003	0.00003	0.00004
3739563.50	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002	0.00003	

0.00004
 3739437.54 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002 0.00002
0.00003
 3739311.58 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002 0.00002
0.00002
 3739185.62 | 0.00000 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002 0.00002
0.00002
 3739059.66 | 0.00000 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002
0.00002
 3738933.70 | 0.00000 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002
0.00002

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004
,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012
,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020
,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 453213.20 453372.06 453530.92 453689.78 453848.64 454007.50 454166.36 454325.22
454484.08
- -

 3741956.74 | 0.00003 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00003
0.00003
 3741830.78 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00003
 3741704.82 | 0.00004 0.00005 0.00005 0.00005 0.00005 0.00005 0.00004 0.00004
0.00004
 3741578.86 | 0.00005 0.00005 0.00005 0.00006 0.00006 0.00005 0.00005 0.00004
0.00004
 3741452.90 | 0.00006 0.00006 0.00007 0.00007 0.00006 0.00006 0.00005 0.00004
0.00004
 3741326.94 | 0.00007 0.00008 0.00008 0.00008 0.00008 0.00006 0.00006 0.00005
0.00004
 3741200.98 | 0.00009 0.00010 0.00011 0.00010 0.00009 0.00008 0.00006 0.00005
0.00004
 3741075.02 | 0.00013 0.00014 0.00015 0.00014 0.00012 0.00009 0.00007 0.00005
0.00004
 3740949.06 | 0.00021 0.00023 0.00022 0.00019 0.00014 0.00010 0.00007 0.00005
0.00004

3740823.10 | 0.00037 0.00043 0.00038 0.00026 0.00016 0.00010 0.00007 0.00004
0.00003
3740697.14 | 0.00089 0.00109 0.00066 0.00033 0.00017 0.00009 0.00006 0.00004
0.00003
3740571.18 | 0.00369 0.00401 0.00095 0.00033 0.00015 0.00008 0.00005 0.00004
0.00003
3740445.22 | 0.00413 0.00720 0.00084 0.00027 0.00012 0.00007 0.00005 0.00003
0.00002
3740319.26 | 0.00111 0.00216 0.00055 0.00021 0.00011 0.00007 0.00004 0.00003
0.00002
3740193.30 | 0.00040 0.00056 0.00034 0.00018 0.00010 0.00006 0.00004 0.00003
0.00003
3740067.34 | 0.00020 0.00024 0.00020 0.00014 0.00009 0.00006 0.00004 0.00003
0.00002
3739941.38 | 0.00012 0.00013 0.00012 0.00010 0.00008 0.00005 0.00004 0.00003
0.00002
3739815.42 | 0.00007 0.00008 0.00008 0.00007 0.00006 0.00005 0.00004 0.00003
0.00002
3739689.46 | 0.00004 0.00006 0.00006 0.00006 0.00005 0.00004 0.00004 0.00003
0.00002
3739563.50 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00003 0.00003
0.00002
3739437.54 | 0.00003 0.00003 0.00004 0.00003 0.00003 0.00003 0.00003 0.00002
0.00002
3739311.58 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00002 0.00002
0.00002
3739185.62 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002
3739059.66 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002
3738933.70 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 454642.94 454801.80

- -

3741956.74	0.00003	0.00003
3741830.78	0.00003	0.00003
3741704.82	0.00003	0.00003
3741578.86	0.00003	0.00003
3741452.90	0.00003	0.00003
3741326.94	0.00003	0.00003
3741200.98	0.00003	0.00003
3741075.02	0.00003	0.00002
3740949.06	0.00003	0.00002
3740823.10	0.00003	0.00002
3740697.14	0.00002	0.00002
3740571.18	0.00002	0.00002
3740445.22	0.00002	0.00002
3740319.26	0.00002	0.00002
3740193.30	0.00002	0.00002
3740067.34	0.00002	0.00002
3739941.38	0.00002	0.00002
3739815.42	0.00002	0.00002
3739689.46	0.00002	0.00002
3739563.50	0.00002	0.00002
3739437.54	0.00002	0.00002
3739311.58	0.00002	0.00002
3739185.62	0.00002	0.00001
3739059.66	0.00002	0.00001
3738933.70	0.00002	0.00001

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** 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
453275.76	3740523.87	0.02574	453297.27	3740519.64	0.02749
453250.34	3740572.43	0.00606	453350.98	3740538.85	0.00776
453368.20	3740410.21	0.00679	453358.55	3740462.25	0.01007
453436.96	3740343.57	0.00140	453196.54	3740310.13	0.00082
452995.40	3740496.79	0.00014	453029.36	3740606.12	0.00030

453381.12	3740531.19	0.00518	453432.34	3740529.14	0.00265
453452.92	3740526.93	0.00210	453309.31	3740634.98	0.00227
453248.79	3740677.13	0.00123	453210.16	3740670.77	0.00112
453301.30	3740738.12	0.00077	453298.00	3740709.63	0.00098
453239.37	3740709.16	0.00088	453296.59	3740770.62	0.00059
453262.21	3740929.35	0.00023	453123.27	3740934.53	0.00019
453168.01	3740949.36	0.00019	453258.21	3740973.15	0.00019
453320.85	3740974.33	0.00020	453096.42	3740971.74	0.00016
453089.35	3740989.63	0.00015	453075.22	3741022.37	0.00013
453049.08	3741061.46	0.00011			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 451783.46	451942.32	452101.18	452260.04	452418.90
3741956.7	0.00692 (12121108)	0.00848 (12121108)	0.00940 (12121108)	0.01175 (15012208)	0.00994 (15012208)
3741830.8	0.00716 (16121308)	0.00828 (12121108)	0.01267 (12121108)	0.01359 (12121108)	0.01101 (15012208)
3741704.8	0.00777 (16010608)	0.00852 (16121308)	0.01352 (12121108)	0.01561 (12121108)	0.01373 (12121108)
3741578.9	0.01139 (16010608)	0.01173 (16010608)	0.01554 (16121308)	0.01745 (12121108)	0.02079 (12121108)
3741452.9	0.01226 (16020108)	0.01472 (16010608)	0.01636 (16010608)	0.01745 (16121308)	0.01611 (12121108)
3741326.9	0.01617 (16020108)	0.01500 (16020108)	0.01733 (16010608)	0.01790 (16010608)	0.01932 (16121308)
3741201.0	0.01661 (12020808)	0.01910 (16020108)	0.01937 (16020108)	0.01981 (16010608)	0.02468 (16010608)
3741075.0	0.01704 (15021208)	0.01791 (12020808)	0.02146 (12020808)	0.02513 (16020108)	0.02449 (16010608)
3740949.1	0.01859 (15021208)	0.02060 (15021208)	0.02320 (15021208)	0.02684 (12020808)	0.03273 (12020808)
3740823.1	0.01291 (15121708)	0.01668 (15021208)	0.02450 (15021208)	0.03227 (15021208)	0.03464 (15021208)

3740697.1	0.01125 (13012508)	0.01298 (13012508)	0.01459 (13012508)	0.02039 (15121708)	0.03735 (15021208)
3740571.2	0.01119 (14010308)	0.01328 (14010308)	0.01428 (12122108)	0.01964 (14010308)	0.02493 (13012508)
3740445.2	0.01472 (15112308)	0.01720 (15112308)	0.02056 (15112308)	0.02443 (15112308)	0.03074 (15112308)
3740319.3	0.01641 (14020408)	0.02076 (14020408)	0.02435 (14020408)	0.02711 (14020408)	0.03403 (14020408)
3740193.3	0.01585 (14020408)	0.01820 (14020408)	0.02005 (14020408)	0.02106 (14020408)	0.02564 (15010108)
3740067.3	0.01016 (15122308)	0.01289 (15010108)	0.01691 (15010108)	0.02111 (15010108)	0.03068 (15021708)
3739941.4	0.01149 (15010108)	0.01291 (15010108)	0.01830 (15021708)	0.02374 (15021708)	0.02522 (15021708)
3739815.4	0.01251 (15021708)	0.01575 (15021708)	0.01781 (15021708)	0.01655 (14112608)	0.02801 (14112608)
3739689.5	0.01417 (15021708)	0.01346 (15021708)	0.01441 (14112608)	0.02180 (14112608)	0.02447 (16021108)
3739563.5	0.01127 (15021708)	0.01298 (14112608)	0.01832 (14112608)	0.01930 (16021108)	0.02134 (16120508)
3739437.5	0.01204 (14112608)	0.01746 (14112608)	0.01676 (14112608)	0.01809 (16120508)	0.01952 (14112708)
3739311.6	0.01310 (14112608)	0.01340 (14112608)	0.01624 (16021108)	0.01675 (16120508)	0.02149 (14112708)
3739185.6	0.00929 (14112608)	0.01039 (16021108)	0.01170 (16120508)	0.01640 (14112708)	0.01918 (15120208)
3739059.7	0.00821 (16021108)	0.00851 (16120508)	0.01144 (14112708)	0.01481 (14112708)	0.01517 (15120208)
3738933.7	0.00738 (13012308)	0.00831 (12010408)	0.01119 (14112708)	0.01050 (15120208)	0.01199 (15020908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	452577.76	452736.62	452895.48	453054.34	453213.20

3741956.7	0.00937 (12013008)	0.00918 (15122208)	0.01115 (12021508)	0.01175 (12021508)	0.00959 (12021508)
3741830.8	0.01091 (15012208)	0.01014 (15122208)	0.01208 (12021508)	0.01335 (12021508)	0.01115 (12021508)
3741704.8	0.01371 (15012208)	0.01178 (12013008)	0.01302 (12021508)	0.01532 (12021508)	0.01307 (12021508)
3741578.9	0.01452 (15012208)	0.01419 (15012208)	0.01385 (12021508)	0.01762 (12021508)	0.01555 (12021508)
3741452.9	0.02033 (12121108)	0.02028 (15012208)	0.01583 (15122208)	0.02037 (12021508)	0.01874 (12021508)
3741326.9	0.02843 (12121108)	0.03124 (15012208)	0.01975 (12013008)	0.02364 (12021508)	0.02315 (12021508)
3741201.0	0.02773 (12121108)	0.03542 (12121108)	0.02598 (15012208)	0.02741 (12021508)	0.02936 (12021508)
3741075.0	0.03016 (16010608)	0.03301 (12121108)	0.03283 (15012208)	0.03134 (12021508)	0.03878 (12021508)
3740949.1	0.02668 (16020108)	0.03697 (16010608)	0.04303 (12121108)	0.04526 (15012208)	0.05418 (12021508)
3740823.1	0.04408 (12020808)	0.04391 (16020108)	0.04786 (12121108)	0.06749 (15012208)	0.08085 (12021508)
3740697.1	0.04760 (15021208)	0.05712 (15021208)	0.06924 (12020808)	0.09913 (12121108)	0.13905 (12021508)
3740571.2	0.03659 (13012508)	0.05822 (15021208)	0.09165 (15021208)	0.15780 (15021208)	0.37407 (12121108)
3740445.2	0.04105 (15112308)	0.05770 (15112308)	0.08673 (14020408)	0.16106 (14020408)	0.54110 (14020408)
3740319.3	0.04189 (14020408)	0.05100 (14020408)	0.07903 (15021708)	0.13996 (14112608)	0.29743 (14112708)
3740193.3	0.03561 (15021708)	0.05742 (15021708)	0.07898 (14112608)	0.11598 (14112708)	0.15345 (15021308)
3740067.3	0.03804 (15021708)	0.05214 (14112608)	0.06586 (16021108)	0.08518 (15120208)	0.09224 (15021308)
3739941.4	0.04041 (14112608)	0.04556 (16021108)	0.05247 (14112708)	0.05957 (15020308)	0.06829 (15021308)
3739815.4	0.03486 (16021108)	0.04049 (14112708)	0.04713 (15120208)	0.05714 (15020308)	0.05907 (14121508)
3739689.5	0.02611 (16120508)	0.03600 (14112708)	0.03808 (15022008)	0.04319 (15120708)	0.04550 (14121508)
3739563.5	0.02705 (14112708)	0.02951 (15120208)	0.03533 (15022008)	0.04137 (15021308)	0.03753 (14121508)
3739437.5	0.02377 (14112708)	0.02676 (15020908)	0.03231 (15020308)	0.03469 (15021308)	0.02740 (14121508)
3739311.6	0.02127 (15120208)	0.02377 (15022008)	0.02731 (15120708)	0.02824 (15021308)	0.02741 (14121508)
3739185.6	0.02088 (15020908)	0.02242 (15022008)	0.02235 (15120708)	0.02282 (15021308)	0.02358 (14121508)
3739059.7	0.01899 (15022008)	0.02210 (15020308)	0.02189 (15021308)	0.01928 (14121508)	0.01905 (14121508)
3738933.7	0.01781 (15022008)	0.01985 (15020308)	0.02077 (15021308)	0.01819 (14121508)	0.01749 (16012108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	453372.06	453530.92	453689.78	453848.64	454007.50
3741956.7	0.01067 (13121208)	0.01318 (13121208)	0.01211 (13121208)	0.00989 (15121008)	0.01531 (15121008)
3741830.8	0.01237 (13121208)	0.01485 (13121208)	0.01281 (13121208)	0.01219 (15121008)	0.01961 (15121008)
3741704.8	0.01457 (13121208)	0.01671 (13121208)	0.01348 (13121208)	0.01480 (15121008)	0.01450 (15121008)
3741578.9	0.01728 (13121208)	0.01904 (13121208)	0.01482 (15121008)	0.01767 (15121008)	0.01746 (15121008)
3741452.9	0.02086 (13121208)	0.02186 (13121208)	0.01927 (15121008)	0.01984 (15121008)	0.01590 (15121008)
3741326.9	0.02564 (13121208)	0.02484 (13121208)	0.02432 (15121008)	0.02130 (15121008)	0.01577 (12010208)
3741201.0	0.03273 (13121208)	0.02795 (13121208)	0.02950 (15121008)	0.02079 (15121008)	0.02320 (12010208)
3741075.0	0.04287 (13121208)	0.03721 (15121008)	0.03324 (15121008)	0.02104 (16121508)	0.02309 (15120408)
3740949.1	0.05804 (13121208)	0.05168 (15121008)	0.03196 (15121008)	0.02868 (15120408)	0.02967 (15120808)
3740823.1	0.08402 (13121208)	0.06499 (15121008)	0.04143 (15120408)	0.04149 (15120808)	0.04473 (15120808)
3740697.1	0.13430 (15121008)	0.07545 (15120408)	0.06593 (15120808)	0.04675 (16120908)	0.04111 (16120908)
3740571.2	0.25765 (15121008)	0.12598 (15120808)	0.06969 (16120908)	0.04128 (16122216)	0.03391 (14120808)
3740445.2	0.40347 (16120708)	0.14079 (16120708)	0.07362 (16120708)	0.04644 (16120708)	0.03269 (16120708)
3740319.3	0.30306 (13021208)	0.11247 (12120708)	0.06834 (12120508)	0.05000 (12120508)	0.03720 (12120508)
3740193.3	0.14659 (16112308)	0.09551 (13021208)	0.05168 (12120708)	0.03943 (12120708)	0.02767 (12120708)
3740067.3	0.08368 (16112308)	0.06527 (15012808)	0.04957 (13021208)	0.03222 (16112208)	0.02640 (12120708)
3739941.4	0.05224 (16112308)	0.05145 (15012808)	0.04262 (13021208)	0.03138 (16112208)	0.02301 (16112208)

3739815.4 | 0.03954 (16012708) 0.03848 (16112308) 0.03225 (15012808) 0.02999 (13021208) 0.02278 (16112208)
3739689.5 | 0.03722 (16012708) 0.03215 (16112308) 0.02886 (15012808) 0.02444 (13021208) 0.02206 (13021208)
3739563.5 | 0.02698 (16012708) 0.02634 (16112308) 0.02401 (15012808) 0.02014 (15012808) 0.01979 (13021208)
3739437.5 | 0.02480 (16012708) 0.02300 (16112308) 0.01997 (16112308) 0.01900 (15012808) 0.01654 (14120508)
3739311.6 | 0.02436 (16012708) 0.01971 (16112308) 0.01966 (16112308) 0.01696 (15012808) 0.01412 (15012808)
3739185.6 | 0.02273 (16012708) 0.01650 (13122608) 0.01946 (16112308) 0.01553 (15012808) 0.01371 (15012808)
3739059.7 | 0.01977 (16012708) 0.01476 (12121708) 0.01783 (16112308) 0.01411 (15012808) 0.01274 (15012808)
3738933.7 | 0.01854 (16012708) 0.01482 (12121708) 0.01696 (16112308) 0.01384 (16112308) 0.01293 (15012808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	454166.36	454325.22	454484.08	454642.94	454801.80
3741956.7	0.01122 (15121008)	0.00864 (15121008)	0.00410 (12010208)	0.00734 (12010208)	0.00744 (14122308)
3741830.8	0.01329 (15121008)	0.00477 (15121008)	0.00737 (12010208)	0.00844 (12010208)	0.00882 (16121508)
3741704.8	0.01154 (15121008)	0.00702 (12010208)	0.00990 (12010208)	0.00965 (16121508)	0.00813 (16121508)
3741578.9	0.00772 (12010208)	0.01120 (12010208)	0.01027 (12010308)	0.00965 (16121508)	0.01056 (15120408)
3741452.9	0.01489 (12010208)	0.01340 (16121508)	0.01272 (16121508)	0.01232 (15120408)	0.01072 (15120408)
3741326.9	0.01627 (16121508)	0.01516 (16121508)	0.01482 (15120408)	0.01322 (15120408)	0.01295 (15120808)
3741201.0	0.02233 (16121508)	0.02049 (15120408)	0.01669 (15120808)	0.01527 (15120808)	0.01161 (15120808)

3741075.0 | 0.02775 (15120408) 0.02346 (15120808) 0.02123 (15120808) 0.01282 (16120908) 0.01462 (16120908)
3740949.1 | 0.03549 (15120808) 0.02580 (15120808) 0.02031 (16120908) 0.01610 (16120908) 0.01297 (16120908)
3740823.1 | 0.03693 (16120908) 0.02801 (16120908) 0.01813 (14121908) 0.01441 (16011908) 0.01368 (16011908)
3740697.1 | 0.02916 (16120908) 0.02530 (16011908) 0.02228 (16122216) 0.01867 (16122216) 0.01408 (16122216)
3740571.2 | 0.03485 (14120808) 0.03034 (14120808) 0.02550 (14120808) 0.02036 (14120808) 0.01777 (14120808)
3740445.2 | 0.02527 (16120708) 0.02123 (16120708) 0.01813 (14120808) 0.01547 (14120808) 0.01306 (14120808)
3740319.3 | 0.02966 (16120708) 0.03322 (16120708) 0.02769 (16120708) 0.02278 (16120708) 0.01610 (16120708)
3740193.3 | 0.02491 (12120508) 0.02420 (12120508) 0.01877 (12120508) 0.01666 (12120508) 0.01405 (16120708)
3740067.3 | 0.02169 (12120708) 0.01707 (12120708) 0.01589 (12120508) 0.01619 (12120508) 0.01683 (12120508)
3739941.4 | 0.01897 (12120708) 0.01693 (12120708) 0.01444 (12120708) 0.01495 (12120708) 0.01192 (12121008)
3739815.4 | 0.01734 (16112208) 0.01406 (12120708) 0.01346 (12120708) 0.01596 (12120708) 0.01468 (12120708)
3739689.5 | 0.01750 (16112208) 0.01390 (16112208) 0.01092 (12120708) 0.01449 (12120708) 0.01572 (12120708)
3739563.5 | 0.01680 (13021208) 0.01401 (16112208) 0.01151 (16112208) 0.01432 (14011608) 0.01330 (16122208)
3739437.5 | 0.01605 (13021208) 0.01314 (13021208) 0.01165 (16112208) 0.01455 (12013108) 0.01187 (16122208)
3739311.6 | 0.01400 (13021208) 0.01316 (13021208) 0.01064 (13021208) 0.00986 (16112208) 0.01272 (12013108)
3739185.6 | 0.01214 (14120508) 0.01211 (13021208) 0.01094 (13021208) 0.01293 (16112208) 0.01275 (16112208)
3739059.7 | 0.01060 (15012808) 0.01062 (14120508) 0.01045 (13021208) 0.01221 (13021208) 0.01093 (16112208)
3738933.7 | 0.01049 (15012808) 0.00937 (14120508) 0.00943 (13021208) 0.00908 (13021208) 0.01068 (13021208)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
453275.76	3740523.87	0.82054	(12021508)	453297.27	3740519.64	0.83372	(13121208)
453250.34	3740572.43	0.42727	(12021508)	453350.98	3740538.85	0.36171	(15121008)
453368.20	3740410.21	0.38927	(12120508)	453358.55	3740462.25	0.45437	(16120708)
453436.96	3740343.57	0.18913	(16112208)	453196.54	3740310.13	0.26023	(14112708)
452995.40	3740496.79	0.09815	(15112308)	453029.36	3740606.12	0.12886	(12020808)
453381.12	3740531.19	0.32303	(15120808)	453432.34	3740529.14	0.22703	(15120808)
453452.92	3740526.93	0.19938	(16120908)	453309.31	3740634.98	0.22762	(13121208)
453248.79	3740677.13	0.16340	(12021508)	453210.16	3740670.77	0.15656	(12021508)
453301.30	3740738.12	0.11846	(13121208)	453298.00	3740709.63	0.13691	(13121208)
453239.37	3740709.16	0.13643	(12021508)	453296.59	3740770.62	0.09977	(13121208)
453262.21	3740929.35	0.05208	(12021508)	453123.27	3740934.53	0.04911	(12021508)
453168.01	3740949.36	0.05319	(12021508)	453258.21	3740973.15	0.04628	(12021508)
453320.85	3740974.33	0.05115	(13121208)	453096.42	3740971.74	0.04170	(12021508)
453089.35	3740989.63	0.03958	(12021508)	453075.22	3741022.37	0.03593	(12021508)
453049.08	3741061.46	0.03142	(12013008)				

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE GRID-ID
ALL	1ST HIGHEST VALUE IS	0.02749 AT (453297.27, 3740519.64, 274.17, 1731.74, 0.00)	DC
	2ND HIGHEST VALUE IS	0.02574 AT (453275.76, 3740523.87, 274.64, 1731.74, 0.00)	DC
	3RD HIGHEST VALUE IS	0.01007 AT (453358.55, 3740462.25, 272.48, 1731.74, 0.00)	DC
	4TH HIGHEST VALUE IS	0.00776 AT (453350.98, 3740538.85, 271.53, 1731.74, 0.00)	DC
	5TH HIGHEST VALUE IS	0.00720 AT (453372.06, 3740445.22, 272.50, 1731.70, 0.00)	GC UCART1
	6TH HIGHEST VALUE IS	0.00679 AT (453368.20, 3740410.21, 273.92, 1731.74, 0.00)	DC
	7TH HIGHEST VALUE IS	0.00606 AT (453250.34, 3740572.43, 281.43, 1731.74, 0.00)	DC
	8TH HIGHEST VALUE IS	0.00518 AT (453381.12, 3740531.19, 270.63, 1731.74, 0.00)	DC
	9TH HIGHEST VALUE IS	0.00413 AT (453213.20, 3740445.22, 283.30, 1731.70, 0.00)	GC UCART1
	10TH HIGHEST VALUE IS	0.00401 AT (453372.06, 3740571.18, 270.50, 1731.70, 0.00)	GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE	GRID-ID
ALL	1ST HIGH VALUE IS	0.83372	ON 13121208: AT (453297.27, 3740519.64, 274.17, 1731.74, 0.00) DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1763 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 884 Calm Hours Identified

A Total of 879 Missing Hours Identified (2.00 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********

ME W186	713	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	713	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

****
*** AERMOD Finishes Successfully ***

****

APPENDIX C.1 – ESTIMATION OF PROJECT CONSTRUCTION DPM EMISSIONS

Temescal Canyon Rd Self Storage Project **Unmitigated**

Construction DPM Emissions
Data Source: CalEEMod Project Output

Work Schedule **8 hrs/day** **5 days per week**

Onsite DPM Construction Emissionsss

Size of the Construction Area: 9,227 m2

Unit Emission Rate: 0.00010838 g/m2-sec

CalEEMod Default Construction Vehicle Trip Length

Vehicle	Distance (miles)
Haul Truck	20
Vendor Truck	10.2
Worker	18.5

Daily Max Onsite PM10E

Activity	Start Date	End Date	DPM Emissions lb/day	Work Days days	DPM Emissions (lbs)	DPM Emissions (tons)
Demolition	8/1/2025	8/29/2025	**0.5686**	**20**	11.37	0.005686
Site Preparation	8/30/2025	9/5/2025	**0.6188**	**5**	3.09	0.001547
Grading	9/6/2025	9/17/2025	**0.9364**	**8**	7.49	0.003746
Building Construction - 2025	9/18/2025	12/31/2025	**0.4248**	**75**	31.86	0.015928
Building Construction - 2026	1/1/2026	9/16/2026	**0.3772**	**185**	69.78	0.034888
Paving	9/17/2026	10/12/2026	**0.2480**	**18**	4.46	0.002232
Architectural Coating	10/13/2026	11/5/2026	**0.0309**	**18**	0.56	0.000278
			3.204639604	329	128.610	0.391

Year	Annual DPM Emissions (tons/year)	# Construction Work Days	Average Daily DPM Emissions (lb/day)	Average Hourly DPM Emissions (lb/hr)	Average Hourly DPM Emissions (g/sec)	Average Hourly DPM Area Emission (g/m2-sec)		
2025	0.026907	108	0.4983	0.0623	0.0079	8.513E-07	→	**6.68E-07**
2026	0.037398	221	0.3384	0.0423	0.0053	5.782E-07		
					0.013			

Offsite DPM Construction Emissionsss

Daily Max Onsite PM10E — Daily Max Onsite PM10E — Daily Max Onsite PM10E

Activity	Start Date	End Date	Work Days	Offsite DPM Haul Truck (lb/day)	Offsite DPM Haul Truck (pounds)	Offsite DPM Haul Truck tons	Offsite DPM Vendor Truck (lb/day)	Offsite DPM Vendor Truck (pounds)	Offsite DPM Vendor Trucks (tons)	Offsite DPM Worker Vehicles (lb/day)	Offsite DPM Worker Vehicles (pounds)	Offsite DPM Worker Vehicles (tons)
Demolition	8/1/2025	8/29/2025	20	0.0759	1.51854	0.00075927	0.0000	**0**	**0**	0.0000	0	0
Site Preparation	8/30/2025	9/5/2025	5	0.0000	0	0	0.0000	0	0	0.0000	0	0
Grading	9/6/2025	9/17/2025	8	0.0384	0.3068832	0.000153442	0.0000	0	0	0.0000	0	0
Building Construction - 2025	9/18/2025	12/31/2025	75	0.0000	0	0	0.0076	0.57051	0.000285255	0.0000	0	0
Building Constriciton - 2026	1/1/2026	9/16/2026	185	0.0000	0	0	0.0076	1.407258	0.000703629	0.0000	0	0
Paving	9/17/2026	10/12/2026	18	0.0000	0	0	0.0000	0	0	0.0000	0	0
Architectural Coating	10/13/2026	11/5/2026	18	0.0000	0	0	0.0000	0	0	0.0000	0	0
			329	0.1143	1.8254232	0.000912712	0.0152136	1.977768	0.000988884	0	0	0

Offsite DPM Emissions (at the CalEEMOd Default Trip Distances)

Year	# of Construction Days	Haul Trucks AnnualEmissions (tons/year)	Haul Trucks Average Daily (lb/day)	Haul Trucks Average Hourly (lb/hr)	Haul Trucks Average Hourly (g/sec)	Vendor Trucks AnnualEmissions (tons/year)	Vendor Trucks Average Daily (lb/day)	Vendor Trucks Average Hourly (lb/hr)	Vendor Trucks Average Hourly (g/sec)	Worker Vehicles AnnualEmissions (tons/year)	Worker Vehicles Average Daily (lb/day)	Worker Vehicles Average Hourly (lb/hr)	Worker Vehicles Average Hourlyerage Hourly (g/sec)	
2025	108	9.13E-04	1.69E-02	2.11E-03	2.66E-04	2.85E-04	5.28E-03	6.60E-04	8.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04
2026	221	0	0	0	0	7.04E-04	6.37E-03	7.96E-04	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	

CalEEMod Construction Vehicle Trip Length

Vehicle	Distance (miles)
Haul Truck	20
Vendor Truck	10.2
Worker	18.5

Assumed Construction Trip Distance in AERMOD

Onsite Routes

	Meters	Miles	Percent of Trips	
Onsite 1: Onsite route (two Lanes)	61.7	0.038338603	100%	5mph

Offsite Routes

	Meters	Miles	Percent of Trips	
Offsite 1: Temescal Rd> 15 Junction [Two Lanes]	811.9	0.504491271	100%	25
Offsite 2: 15 Junction to 15 North Ramp [One Lane]	393	0.244198879	50%	
Offsite 3: 57 Junction to 15 South Ramp [One Lane]	444.3	0.276075221	50%	

Offsite Scaled DPM Emissions to AERMOD Trip Distance

Year	Haul Trucks (g/sec)	Vendor Trucks (g/sec)	Worker Vehicles (g/sec)	Total (g/sec)	Total (lb/hr)	Total (lb/day)
2025 (From CalEEMOd)	5.108E-07	3.130E-07	0.000E+00	8.237E-07	6.532E-06	5.226E-05
Onsite	9.791E-10	1.176E-09	0.000E+00	2.156E-09	1.709E-08	1.367E-07
2025 (Scaled for Distance and Distribution)						
Offsite 1: Temescal Rd> 15 Junction [Two Lanes]	1.288E-08	7.895E-09	0.000E+00	2.078E-08	1.648E-07	1.318E-06
Offsite 2: 15 Junction to 15 North Ramp [One Lane]	1.559E-09	1.873E-09	0.000E+00	3.432E-09	2.722E-08	2.177E-07
Offsite 3: 57 Junction to 15 South Ramp [One Lane]	1.763E-09	2.118E-09	0.000E+00	3.880E-09	3.077E-08	2.462E-07
2026 (from CalEEMod)	0.000E+00	4.965E-06	0.000E+00	4.965E-06	3.937E-05	3.149E-04
Onsite	0.000E+00	1.866E-08	0.000E+00	1.866E-08	1.480E-07	1.184E-06
2026 (Scaled for Distance and Distribution)						
Offsite 1: Temescal Rd> 15 Junction [Two Lanes]	0.000E+00	2.456E-07	0.000E+00	2.456E-07	1.947E-06	1.558E-05
Offsite 2: 15 Junction to 15 North Ramp [One Lane]	0.000E+00	2.972E-08	0.000E+00	2.972E-08	2.356E-07	1.885E-06
Offsite 3: 57 Junction to 15 South Ramp [One Lane]	0.000E+00	3.359E-08	0.000E+00	3.359E-08	2.664E-07	2.131E-06

hauling has no 2026

Weighted Average Emissions	
Offsite 1: Temescal Rd> 15 J	**1.718E-07 g/sec**
Offsite 2: 15 Junction to 15 N	**2.109E-08 g/sec**
Offsite 3: 57 Junction to 15 S	**2.384E-08 g/sec**

Onsite	1.324E-08

APPENDIX C.2 – ESTIMATION OF PROJECT MITIGATED CONSTRUCTION DPM EMISSIONS

Temescal Canyon Rd Self Storage Project **Mitigated**

Construction DPM Emissions
Data Source: CalEEMod Project Output

Work Schedule **8 hrs/day** **5 days per week**

Onsite DPM Construction Emissionsss

Size of the Construction Area: 9,227 m2

Unit Emission Rate: 0.000108378 g/m2-sec

CalEEMod Default Construction Vehicle Trip Length

Vehicle	Distance (miles)
Haul Truck	20
Vendor Truck	10.2
Worker	18.5

Daily Max Onsite PM10E

Activity	Start Date	End Date	DPM Emissions lb/day	Work Days days	DPM Emissions (lbs)	DPM Emissions (tons)
Demolition	8/1/2025	8/29/2025	**0.0466**	**20**	0.93	0.000466
Site Preparation	8/30/2025	9/5/2025	**0.0531**	**5**	0.27	0.000133
Grading	9/6/2025	9/17/2025	**0.0498**	**8**	0.40	0.000199
Building Construction - 2025	9/18/2025	12/31/2025	**0.0410**	**75**	3.07	0.001537
Building Construction - 2026	1/1/2026	9/16/2026	**0.0410**	**185**	7.58	0.003792
Paving	9/17/2026	10/12/2026	**0.0220**	**18**	0.40	0.000198
Architectural Coating	10/13/2026	11/5/2026	**0.0031**	**18**	0.06	0.000028
			0.2565	329	12.705	0.039

Year	Annual DPM Emissions (tons/year)	# Construction Work Days	Average Daily DPM Emissions (lb/day)	Average Hourly DPM Emissions (lb/hr)	Average Hourly DPM Emissions (g/sec)	Average Hourly DPM Area Emission (g/m2-sec)		
2025	0.002335	108	0.0432	0.0054	0.0007	7.387E-08	→	**6.21E-08**
2026	0.004017	221	0.0364	0.0045	0.0006	6.211E-08		
					0.001			

Offsite DPM Construction Emissionsss

Daily Max Onsite PM10E — Daily Max Onsite PM10E — Daily Max Onsite PM10E

Activity	Start Date	End Date	Work Days	Offsite DPM Haul Truck (lb/day)	Offsite DPM Haul Truck (pounds)	Offsite DPM Haul Truck tons	Offsite DPM Vendor Truck (lb/day)	Offsite DPM Vendor Truck (pounds)	Offsite DPM Vendor Trucks (tons)	Offsite DPM Worker Vehicles (lb/day)	Offsite DPM Worker Vehicles (pounds)	Offsite DPM Worker Vehicles (tons)
Demolition	8/1/2025	8/29/2025	20	0.0759	1.51854	0.00075927	0.0000	**0**	**0**	0.0000	0	0
Site Preparation	8/30/2025	9/5/2025	5	0.0000	0	0	0.0000	0	0	0.0000	0	0
Grading	9/6/2025	9/17/2025	8	0.0384	0.3068832	0.000153442	0.0000	0	0	0.0000	0	0
Building Construction - 2025	9/18/2025	12/31/2025	75	0.0000	0	0	0.0076	0.57051	0.000285255	0.0000	0	0
Building Constriciton - 2026	1/1/2026	9/16/2026	185	0.0000	0	0	0.0076	1.407258	0.000703629	0.0000	0	0
Paving	9/17/2026	10/12/2026	18	0.0000	0	0	0.0000	0	0	0.0000	0	0
Architectural Coating	10/13/2026	11/5/2026	18	0.0000	0	0	0.0000	0	0	0.0000	0	0
			329	0.1142874	1.8254232	0.000912712	0.0152136	1.977768	0.000988884	0	0	0

Offsite DPM Emissions (at the CalEEMOd Default Trip Distances)

Year	# of Construction Days	Haul Trucks AnnualEmissions (tons/year)	Haul Trucks Average Daily (lb/day)	Haul Trucks Average Hourly (lb/hr)	Haul Trucks Average Hourly (g/sec)	Vendor Trucks AnnualEmissions (tons/year)	Vendor Trucks Average Daily (lb/day)	Vendor Trucks Average Hourly (lb/hr)	Vendor Trucks Average Hourly (g/sec)	Worker Vehicles AnnualEmissions (tons/year)	Worker Vehicles Average Daily (lb/day)	Worker Vehicles Average Hourly (lb/hr)	Worker Vehicles erage Hourly (g/sec)	
2025	108	9.13E-04	1.69E-02	2.11E-03	2.66E-04	2.85E-04	5.28E-03	6.60E-04	8.33E-05	0.00E+00	0.00E+00	0	0	7.63E-04
2026	221	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04	6.37E-03	7.96E-04	1.00E-04	0.00E+00	0.00E+00	0	0	

CalEEMod Construction Vehicle Trip Length

Vehicle	Distance (miles)
Haul Truck	20
Vendor Truck	10.2
Worker	18.5

Assumed Construction Trip Distance in AERMOD 0.683 mile from AERMOD Emission Source Data

Onsite Routes

	Meters	Miles	Percent of Trips	
Onsite 1: Continuation loop [One Lane]	61.7	0.038338603	1	5mph

Offsite Routes

	Meters	Miles	Percent of Trips
Offsite 1: Site>Temescal>15 Junction	811.9	0.504491271	1
Offsite 2: Junction>15 N Ramp [One Lane]	393	0.244198879	0.5
Offsite 3: junction>15 S Ramp [One Lane]	444.3	0.276075221	0.5

Offsite Scaled DPM Emissions to AERMOD Trip Distance

Year	Haul Trucks (g/sec)	Vendor Trucks (g/sec)	Worker Vehicles (g/sec)	Total (g/sec)	Total (lb/hr)	Total (lb/day)
2025 (From CalEEMOd)	5.108E-07	3.130E-07	0.000E+00	8.237E-07	6.532E-06	5.226E-05
Onsite	9.791E-10	1.176E-09	0.000E+00	2.156E-09	1.709E-08	1.367E-07
2025 (Scaled for Distance and Distribution)						
Offsite 1: Site>Temescal>15 Junction	1.288E-08	7.895E-09	0.000E+00	2.078E-08	1.648E-07	1.318E-06
Offsite 2: Junction>15 N Ramp [One Lane]	1.559E-09	1.873E-09	0.000E+00	3.432E-09	2.722E-08	2.177E-07
Offsite 3: junction>15 S Ramp [One Lane]	1.763E-09	2.118E-09	0.000E+00	3.880E-09	3.077E-08	2.462E-07
2026 (from CalEEMod)	0.000E+00	4.965E-06	0.000E+00	4.965E-06	3.937E-05	3.149E-04
Onsite	0.000E+00	1.866E-08	0.000E+00	1.866E-08	1.480E-07	1.184E-06
2026 (Scaled for Distance and Distribution)						
Offsite 1: Site>Temescal>15 Junction	0.000E+00	2.456E-07	0.000E+00	2.456E-07	1.947E-06	1.558E-05
Offsite 2: Junction>15 N Ramp [One Lane]	0.000E+00	2.972E-08	0.000E+00	2.972E-08	2.356E-07	1.885E-06
Offsite 3: junction>15 S Ramp [One Lane]	0.000E+00	3.359E-08	0.000E+00	3.359E-08	2.664E-07	2.131E-06

hauling has no 2026

Weighted Average Emissions	
Offsite 1	**1.718E-07 g/sec**
Offsite 2	**2.109E-08 g/sec**
Offsite 3	**2.384E-08 g/sec**

Onsite	**1.324E-08**

APPENDIX D.1 – ESTIMATION OF CONSTRUCTION HEALTH RISK

Temescal Canyon Rd Self Storage Project

Exposure Durations During Construction

	Start	End	Days	% Year
Calendar Construction Days	8/1/2025	11/5/2026	461	1.26
3rd Trimester (2025)	8/1/2025	11/1/2025	92	0.25
0-1 year (2025)	11/2/2025	12/31/2025	59	0.16
0-1 year (2026)	1/1/2026	11/5/2026	308	0.84
			Total:	1.26

Temescal Canyon Rd Self Storage Project **Unmitigated**

Annual DPM Concentrations at Maximum Impacted Sensitive and Worker Receptor

Onsite Unit Emission Source Rate

Size of Construction Area	9,227	m2	
Unit EmissionRate:	0.00010838	g/m2-sec	> Plugged this into Area Source

Inputs:

Actual Onsite Emission Source

Year	Average Hourly Emission Rate (g/m2-sec)	Weighted Avg (g/m2-sec)
2025	8.51309E-07	**Area Source:**
2026	5.78219E-07	6.68E-07

Offsite Unit Emission Source: 0.001 g/sec

Year	Average Hourly Emission Rate (g/sec)		New 60mi Inputs (g/sec)	
		Onsite	1.32428E-08	g/sec
2025	2.38402E-08	Offsite 1: Temescal Rd> 15 Junction [Two Lanes]	1.71769E-07	g/sec
		0	0	g/sec
		Offsite 2: 15 Junction to 15 North Ramp [One Lane]	2.10876E-08	g/sec
		Offsite 3: 57 Junction to 15 South Ramp [One Lane]	2.38402E-08	g/sec

Results:

Max=School	
Max=Residential	0.27684
Max^	0.27684
Max=Worker	0.2957
Residential	

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	42.09	10	No
Maximum Impacted Sensitive Receptor – Child	42.09	10	No
Maximum Impacted Sensitive Receptor – Adult	1.11	10	No
Maximum Impacted Worker Receptor	0.92	10	No

Receptor	Chronic Non-Cancer Hazard Index		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	0.06	1	No
Maximum Impacted Sensitive Receptor – Child	0.06	1	No
Maximum Impacted Sensitive Receptor – Adult	0.06	1	No
Maximum Impacted Worker Receptor	0.06	1	No

Temescal Canyon Rd Self Storage Project

No Mitigation

Cancer Risk Calculation - Location of Max Risk

				Total Cancer risk	HI
SCAQMD Guidance	**Residential**	**30-year Exposure**		35.3678	0.0554
Maximum Period DPM Concentration		**0.277** ug/m3			

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
3rd Trimester	2025	0.27684	1.1	361	0.25	250	25550	1	10	2.71
1	2025	0.27684	1.1	1090	0.16	250	25550	1	10	5.25
2	2026	0.27684	1.1	1090	0.84	250	25550	1	10	27.41
3	2027	0.00000								0.00
4	2028	0.00000								0.00
5	2029	0.00000								0.00
6	2030	0.00000								0.00
7	2031	0.00000								0.00
8	2032	0.00000								0.00
9	2033	0.00000								0.00
10	2034	0.00000								0.00
11	2035	0.00000								0.00
12	2036	0.00000								0.00
13	2037	0.00000								0.00
14	2038	0.00000								0.00
15	2039	0.00000								0.00
16	2040	0.00000								0.00
17	2041	0.00000								0.00
18	2042	0.00000								0.00
19	2043	0.00000								0.00
20	2044	0.00000								0.00
21	2045	0.00000								0.00
22	2046	0.00000								0.00
23	2047	0.00000								0.00
24	2048	0.00000								0.00
25	2049	0.00000								0.00
26	2050	0.00000								0.00
27	2051	0.00000								0.00
28	2052	0.00000								0.00
29	2053	0.00000								0.00
30	2054	0.00000								0.00

2.711270163

Temescal Canyon Rd Self Storage No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Adult	Total Cancer risk
				0.71
Maximum Period DPM Concentration		0.277	ug/m3	

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
1	2025	0.27684	1.1	261	0.41	250	25550	0.73	1	0.23
2	2026	0.27684	1.1	261	0.84	250	25550	0.73	1	0.48
3	2027	0.00000								0.00
4	2028	0.00000								0.00
5	2029	0.00000								0.00
6	2030	0.00000								0.00
7	2031	0.00000								0.00
8	2032	0.00000								0.00
9	2033	0.00000								0.00
10	2034	0.00000								0.00
11	2035	0.00000								0.00
12	2036	0.00000								0.00
13	2037	0.00000								0.00
14	2038	0.00000								0.00
15	2039	0.00000								0.00
16	2040	0.00000								0.00
17	2041	0.00000								0.00
18	2042	0.00000								0.00
19	2043	0.00000								0.00
20	2044	0.00000								0.00
21	2045	0.00000								0.00
22	2046	0.00000								0.00
23	2047	0.00000								0.00
24	2048	0.00000								0.00
25	2049	0.00000								0.00
26	2050	0.00000								0.00
27	2051	0.00000								0.00
28	2052	0.00000								0.00
29	2053	0.00000								0.00
30	2054	0.00000								0.00

Temescal Canyon Rd Self Storage | No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Worker	25-year Exposure	Total Cancer risk	HI
			0.92	0.059

Maximum Period DPM Concentration **0.2957** ug/m3

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	ASF	Operational Risk (risk/million)
1	2025	0.29570	1.1	230	0.41	250	25550	1	0.30
2	2026	0.29570	1.1	230	0.84	250	25550	1	0.62
3	2026								0.00
4	2027								0.00
5	2028								0.00
6	2029								0.00
7	2030								0.00
8	2031								0.00
9	2032								0.00
10	2033								0.00
11	2034								0.00
12	2035								0.00
13	2036								0.00
14	2037								0.00
15	2038								0.00
16	2039								0.00
17	2040								0.00
18	2041								0.00
19	2042								0.00
20	2043								0.00
21	2044								0.00
22	2045								0.00
23	2046								0.00
24	2047								0.00
25	2048								0.00

APPENDIX D.2 – ESTIMATION OF MITIGATED CONSTRUCTION HEALTH RISK

Temescal Canyon Rd Self Storage Project **Mitigated**

Annual DPM Concentrations at Maximum Impacted Sensitive and Worker Receptor

Onsite Unit Emission Source Rate

Size of Construction Area	9,227	m2	
Unit EmissionRate:	0.000108378	g/m2-sec	> Plugged this into Area Source

Inputs:

Actual Onsite Emission Source

Year	**Average Hourly Emission Rate (g/m2-sec)**	**Weighted Avg (g/m2-sec)**
2025	7.38703E-08	**Area Source:**
2026	6.21134E-08	6.21E-08

Offsite Unit Emission Source: 0.001 g/sec

Year	**Average Hourly Emission Rate (g/sec)**		New 60mi Inputs (g/sec)	
		Onsite	1.32428E-08	g/sec
2025		Offsite 1: Site>Temescal>15 Junction	1.71769E-07	g/sec
		Offsite 2: Junction>15 N Ramp [One Lane]	2.10876E-08	g/sec
		Offsite 3: junction>15 S Ramp [One Lane]	2.38402E-08	g/sec

Results:

Max=Hosp	0.0003
Max=Residential	0.02574
Max^	0.02574
Max=Worker	0.02749
Residential	

Receptor	**Cancer Risk (per million)**		**Exceeds Significance Threshold?**
	Maximum Lifetime Proposed Project Risk	**Significance Threshold**	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	3.91	10	No
Maximum Impacted Sensitive Receptor – Child	3.91	10	No
Maximum Impacted Sensitive Receptor – Adult	0.10	10	No
Maximum Impacted Worker Receptor	0.09	10	No

Receptor	**Chronic Non-Cancer Hazard Index**		**Exceeds Significance Threshold?**
	Maximum Lifetime Proposed Project Risk	**Significance Threshold**	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	0.01	1	No
Maximum Impacted Sensitive Receptor – Child	0.01	1	No
Maximum Impacted Sensitive Receptor – Adult	0.01	1	No
Maximum Impacted Worker Receptor	0.01	1	No

5mph

Temescal Canyon Rd Self Storage P Mitigated

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Total Cancer risk	HI
			3.29	0.01

Maximum Period DPM Concentration **0.0257** ug/m3

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
3rd Trimester	2025	0.02574	1.1	361	0.25	250	25550	1	10	0.25
1	2025	0.02574	1.1	1090	0.16	250	25550	1	10	0.49
2	2026	0.02574	1.1	1090	0.84	250	25550	1	10	2.55
3	2027	0.00000								0.00
4	2028	0.00000								0.00
5	2029	0.00000								0.00
6	2030	0.00000								0.00
7	2031	0.00000								0.00
8	2032	0.00000								0.00
9	2033	0.00000								0.00
10	2034	0.00000								0.00
11	2035	0.00000								0.00
12	2036	0.00000								0.00
13	2037	0.00000								0.00
14	2038	0.00000								0.00
15	2039	0.00000								0.00
16	2040	0.00000								0.00
17	2041	0.00000								0.00
18	2042	0.00000								0.00
19	2043	0.00000								0.00
20	2044	0.00000								0.00
21	2045	0.00000								0.00
22	2046	0.00000								0.00
23	2047	0.00000								0.00
24	2048	0.00000								0.00
25	2049	0.00000								0.00
26	2050	0.00000								0.00
27	2051	0.00000								0.00
28	2052	0.00000								0.00
29	2053	0.00000								0.00
30	2054	0.00000								0.00

Temescal Canyon Rd Self Storage **Mitigated**

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	**Residential**	**30-year Exposure**	**Adult**	**Total Cancer risk**
				0.09
Maximum Period DPM Concentration		**0.02574** ug/m3		

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
1	2025	0.02574	1.1	261	0.41	350	25550	0.73	1	0.03
2	2026	0.02574	1.1	261	0.84	350	25550	0.73	1	0.06
3	2027	0.00000								0.00
4	2028	0.00000								0.00
5	2029	0.00000								0.00
6	2030	0.00000								0.00
7	2031	0.00000								0.00
8	2032	0.00000								0.00
9	2033	0.00000								0.00
10	2034	0.00000								0.00
11	2035	0.00000								0.00
12	2036	0.00000								0.00
13	2037	0.00000								0.00
14	2038	0.00000								0.00
15	2039	0.00000								0.00
16	2040	0.00000								0.00
17	2041	0.00000								0.00
18	2042	0.00000								0.00
19	2043	0.00000								0.00
20	2044	0.00000								0.00
21	2045	0.00000								0.00
22	2046	0.00000								0.00
23	2047	0.00000								0.00
24	2048	0.00000								0.00
25	2049	0.00000								0.00
26	2050	0.00000								0.00
27	2051	0.00000								0.00
28	2052	0.00000								0.00
29	2053	0.00000								0.00
30	2054	0.00000								0.00

Temescal Canyon Rd Self Storage | Mitigated

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance		**Worker**	**25-year Exposure**						**Total Cancer risk**	**HI**
									0.09	0.01
Maximum Period DPM Concentration			**0.02749** ug/m3							
Year	**Year**	**Maximum DPM (ug/m3)**	**CPF (mg/kg-day)^-1**	**DBR (l/kg-day)**	**ED (years)**	**EF (days)**	**AT (years)**	**ASF**	**Operational Risk (risk/million)**	
1	2025	0.02749	1.1	230	0.41	250	25550	1	0.03	
2	2026	0.02749	1.1	230	0.84	250	25550	1	0.06	
3	2026								0.00	
4	2027								0.00	
5	2028								0.00	
6	2029								0.00	
7	2030								0.00	
8	2031								0.00	
9	2032								0.00	
10	2033								0.00	
11	2034								0.00	
12	2035								0.00	
13	2036								0.00	
14	2037								0.00	
15	2038								0.00	
16	2039								0.00	
17	2040								0.00	
18	2041								0.00	
19	2042								0.00	
20	2043								0.00	
21	2044								0.00	
22	2045								0.00	
23	2046								0.00	
24	2047								0.00	
25	2048								0.00	