

**APPENDIX B:
HEALTH RISK ASSESSMENT**



1. Health Risk Assessment

1.1 CONSTRUCTION HEALTH RISK ASSESSMENT

The proposed project would construct a boutique hotel on a 1.29-acre site in the City of Cupertino. The project site is located at 10931 North De Anza Boulevard in the northern region of the City. The following provides the background methodology used for the construction health risk assessment for the proposed project.

The latest version of the Bay Area Air Quality Management District (BAAQMD) CEQA Air Quality Guidelines requires projects to evaluate the impacts of construction activities on sensitive receptors (BAAQMD, 2017). Project construction is anticipated to take place starting at the beginning of August 2020 and be completed by the end of March 2022 (approximately 592 work days). The nearest sensitive receptors to the project site include the residents at the Aviare Apartments approximately 140 feet to the east of the project across North De Anza Boulevard. The BAAQMD has developed *Screening Tables for Air Toxics Evaluation During Construction* (2017) that evaluate construction-related health risks associated with residential, commercial, and industrial projects. According to the screening tables, the residences are closer than the distance of 100 meters (328 feet) that would screen out potential health risks and therefore could be potentially impacted from the proposed construction activities. As a result, a site-specific construction health risk assessment (HRA) has been prepared for the proposed project. This HRA considers the health impact to off-site sensitive receptors (children at the nearby residences) from construction emissions at the project site, including diesel equipment exhaust (diesel particulate matter or DPM) and particulate matter less than 2.5 microns (PM_{2.5}).

It should be noted that these health impacts are based on conservative (i.e., health protective) assumptions. The United States Environmental Protection Agency (USEPA, 2005) and the Office of Environmental Health Hazard Assessment (OEHHA, 2015) note that conservative assumptions used in a risk assessment are intended to ensure that the estimated risks do not underestimate the actual risks. Therefore, the estimated risks may not necessarily represent actual risks experienced by populations at or near a site. The use of conservative assumptions tends to produce upper-bound estimates of exposure and thus risk.

For residential-based receptors, the following conservative assumptions were used:

- It was assumed that maximum-exposed off-site residential receptors (both children and adults) stood outdoors and are subject to DPM at their residence for 8 hours per day, and approximately 260 construction days per year. In reality, California residents typically will spend on average 2 hours per day outdoors at their residences (USEPA, 2011). This would result in lower exposures to construction related DPM emissions and lower estimated risk values.

- The calculated risk for infants from third trimester to age 2 is multiplied by a factor of 10 to account for early life exposure and uncertainty in child versus adult exposure impacts (OEHHA, 2015).

1.2 METHODOLOGY AND SIGNIFICANCE THRESHOLDS

For this HRA, the BAAQMD significance thresholds were deemed to be appropriate and the thresholds that were used for this project are shown below:

- Excess cancer risk of more than 10 in a million
- Non-cancer hazard index (chronic or acute) greater than 1.0
- Incremental increase in average annual PM_{2.5} concentration of greater than 0.3 µg/m³

The methodology used in this HRA is consistent with the following BAAQMD and the OEHHA guidance documents:

- BAAQMD, 2017. *California Environmental Quality Act Air Quality Guidelines*. May 2017.
- BAAQMD, 2010. *Screening Tables for Air Toxics Evaluation During Construction*. May 2010.
- BAAQMD, 2012. *Recommended Methods for Screening and Modeling Local Risks and Hazards*. Version 3.0. May 2012.
- OEHHA. 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments*. February, 2015.

Potential exposures to DPM and PM_{2.5} from proposed project construction were evaluated for off-site sensitive receptors in close proximity to the site. Pollutant concentrations were estimated using an air dispersion model, and excess lifetime cancer risks and chronic non-cancer hazard indexes were calculated. These risks were then compared to the significance thresholds adopted for this HRA.

1.3 CONSTRUCTION EMISSIONS

Construction emissions were calculated as average daily emissions in pounds per day, using the proposed construction schedule and the latest version of California Emissions Estimation Model, known as CalEEMod Version 2016.3.2 (CAPCOA, 2016). DPM emissions were based on the CalEEMod construction runs, using annual exhaust PM₁₀ construction emissions presented in pounds (lbs) per day. The PM_{2.5} emissions were taken from the CalEEMod output for exhaust PM_{2.5} also presented in lbs per day.

The project was assumed to take place over 20 months (425 work days) from beginning of August 2020 to March 2022. The average daily emission rates from construction equipment used during the proposed project were determined by dividing the annual average emissions for each construction year by the number of construction days per year for each calendar year of construction (i.e., 2020 through 2022). The off-site hauling emission rates were adjusted to evaluate localized emissions from the 0.31-mile haul route within 1,000 feet of the project site. The CalEEMod construction emissions output and emission rate calculations are provided in Appendix A of the HRA.

1.4 DISPERSION MODELING

To assess the impact of emitted compounds on sensitive receptors near the project, air quality modeling using the AERMOD atmospheric dispersion model was performed. The model is a steady state Gaussian plume model and is an approved model by BAAQMD for estimating ground level impacts from point and fugitive sources in simple and complex terrain. The on-site construction emissions for the project were modeled as poly-area sources. The off-site mobile sources were modeled as adjacent line volume sources. The model requires additional input parameters, including chemical emission data and local meteorology. Inputs for the construction emission rates are those described in Section 1.3. Meteorological data obtained from the BAAQMD for the nearest representative meteorological station (N.Y. Mineta San Jose International Airport) with the five latest available years (2009 to 2013) of record were used to represent local weather conditions and prevailing winds.

The modeling analysis also considered the spatial distribution and elevation of each emitting source in relation to the sensitive receptors. To accommodate the model's Cartesian grid format, direction-dependent calculations were obtained by identifying the Universal Transverse Mercator (UTM) coordinates for each source location. In addition, digital elevation model (DEM) data for the area were obtained and included in the model runs to account for complex terrain. An emission release height of 4.15 meters was used as representative of the stack exhaust height for off-road construction equipment and diesel truck traffic, and an initial vertical dispersion parameter of 1.93 m was used, per California Air Resources Board (CARB) guidance (2000).

To determine contaminant impacts during construction hours, the model's Season-Hour-Day (HRDOW) scalar option was invoked to predict flagpole-level concentrations (1.5 m for ground-floor receptors, 6.1 m for second-floor receptors, and 9.1 m for third-floor receptors) for construction emissions generated between the hours of 7:00 AM and 4:00 PM with a 1-hour lunch break. In addition, a scalar factor was applied to the risk calculations to account for the number of days residents are exposed to construction emissions per year.

For all modeling runs, a unit emission rate of 1 gram per second was used. The unit emission rates were proportioned over the poly-area sources for on-site construction emissions, and divided between the volume sources for off-site hauling emissions. The maximum modeled concentrations from the output files were then multiplied by the emission rates calculated in Appendix A to obtain the maximum flagpole-level concentrations at the off-site maximum exposed receptors (MER). The off-site MER are the Aviare Apartments approximately 140 feet to the east across North De Anza Boulevard. The MER location is the receptor location associated with the maximum predicted AERMOD concentrations from the on-site emission source. The calculated on-site emission rates are approximately 2 to 3 orders of magnitude higher than the calculated off-site emission rates (see Appendix A). Therefore, the maximum concentrations associated with the on-site emission sources produce the highest overall ground-level MER concentrations and, consequently, higher calculated health risks.

The air dispersion model output for the emission sources is presented in Appendix B. The model output DPM and PM_{2.5} concentrations from the construction emission sources are provided in Appendix C.

1.5 RISK CHARACTERIZATION

1.5.1 Carcinogenic Chemical Risk

A threshold of ten in a million (10×10^{-6}) has been established as a level posing no significant risk for exposures to carcinogens. Health risks associated with exposure to carcinogenic compounds can be defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. The cancer risk probability is determined by multiplying the chemical's annual concentration by its cancer potency factor (CPF), a measure of the carcinogenic potential of a chemical when a dose is received through the inhalation pathway. It is an upper-limit estimate of the probability of contracting cancer as a result of continuous exposure to an ambient concentration of one microgram per cubic meter ($\mu\text{g}/\text{m}^3$) over a lifetime of 70 years.

Recent guidance from OEHHA recommends a refinement to the standard point estimate approach with the use of age-specific breathing rates and age sensitivity factors (ASFs) to assess risk for susceptible subpopulations such as children. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose for each age group. Once determined, contaminant dose is multiplied by the cancer potency factor in units of inverse dose expressed in milligrams per kilogram per day ($\text{mg}/\text{kg}/\text{day}$)⁻¹ to derive the cancer risk estimate. Therefore, to accommodate the unique exposures associated with the residential receptors, the following dose algorithm was used.

$$\text{Dose}_{\text{AIR,per age group}} = (C_{\text{air}} \times \text{EF} \times \left[\frac{\text{BR}}{\text{BW}}\right] \times A \times \text{CF})$$

Where:

Dose_{AIR}	=	dose by inhalation ($\text{mg}/\text{kg}/\text{day}$), per age group
C_{air}	=	concentration of contaminant in air ($\mu\text{g}/\text{m}^3$)
EF	=	exposure frequency (number of days/365 days)
BR/BW	=	daily breathing rate normalized to body weight ($\text{L}/\text{kg}/\text{day}$)
A	=	inhalation absorption factor (default = 1)
CF	=	conversion factor (1×10^{-6} , μg to mg , L to m^3)

The inhalation absorption factor (A) is a unitless factor that is only used if the cancer potency factor included a correction for absorption across the lung. For this assessment, the default value of 1 was used. For residential receptors, the exposure frequency (EF) of 0.96 is used to represent 350 days per year to allow for a two week period away from home each year (OEHHA, 2015). The 95th percentile daily breathing rates (BR/BW), exposure duration (ED), age sensitivity factors (ASFs), and fraction of time at home (FAH) for the various age groups are provided herein:

<u>Age Groups</u>	<u>BR/BW (L/kg-day)</u>	<u>ED</u>	<u>ASF</u>	<u>FAH</u>
Third trimester	361	0.25	10	0.85
0-2 age group	1,090	2	10	0.85
2-9 age group	861	7	3	0.72
2-16 age group	745	14	3	0.72

16-30 age group	335	14	1	0.73
16-70 age group	290	54	1	0.73

For construction analysis, the exposure duration spans the length of construction (e.g. 425 work days). As the length of construction is equal to 2 years, only the third trimester and 0-2 age bins apply to the construction analysis for the off-site residential receptors.

To calculate the overall cancer risk, the risk for each appropriate age group is calculated per the following equation:

$$\text{Cancer Risk}_{\text{AIR}} = \text{Dose}_{\text{AIR}} \times \text{CPF} \times \text{ASF} \times \text{FAH} \times \frac{\text{ED}}{\text{AT}}$$

Where:

Dose _{AIR}	=	dose by inhalation (mg/kg-day), per age group
CPF	=	cancer potency factor, chemical-specific (mg/kg-day) ⁻¹
ASF	=	age sensitivity factor, per age group
FAH	=	fraction of time at home, per age group (for residential receptors only)
ED	=	exposure duration (years)
AT	=	averaging time period over which exposure duration is averaged (70 years)

The CPFs used in the assessment were obtained from OEHHA guidance. The excess lifetime cancer risks during the construction period to the maximally exposed resident were calculated based on the factors provided above. The cancer risks for each age group are summed to estimate the total cancer risk for each toxic chemical species. For purposes of this assessment and as stated, the calculated residential cancer risks associated with construction activities are based on the 3rd trimester and 0-2 year old age groups. The final step converts the cancer risk in scientific notation to a whole number that expresses the cancer risk in “chances per million” by multiplying the cancer risk by a factor of 1x10⁶ (i.e. 1 million).

The calculated results are provided in Appendix C.

1.5.2 Non-Carcinogenic Hazards

An evaluation of the potential non-cancer effects of chronic chemical exposures was also conducted. Adverse health effects are evaluated by comparing the annual receptor level (flagpole) concentration of each chemical compound with the appropriate reference exposure limit (REL). Available RELs promulgated by OEHHA were considered in the assessment.

The hazard index approach was used to quantify non-carcinogenic impacts. The hazard index assumes that chronic sub-threshold exposures adversely affect a specific organ or organ system (toxicological endpoint). For each discrete chemical exposure, target organs presented in regulatory guidance were used. To calculate the hazard index, each chemical concentration or dose is divided by the appropriate toxicity value. This ratio is summed for compounds affecting the same toxicological endpoint. A health hazard is presumed to exist where the total equals or exceeds one.

The chronic hazard analysis for DPM is provided in Appendix C. The calculations contain the relevant exposure concentrations and corresponding reference dose values used in the evaluation of non-carcinogenic exposures.

1.5.3 Criteria Pollutants

The BAAQMD has recently incorporated PM_{2.5} into the District’s CEQA significance thresholds due to recent studies that show adverse health impacts from exposure to this pollutant. An incremental increase of greater than 0.3 µg/m³ for the annual average PM_{2.5} concentration is considered to be a significant impact.

1.6 CONSTRUCTION HRA RESULTS

The calculated results are provided in Appendix C and the results are summarized in Table 1.

TABLE 1. CONSTRUCTION RISK SUMMARY - UNMITIGATED

Receptor	Cancer Risk (per million)	Chronic Hazards	PM _{2.5} (µg/m ³)
Maximum Exposed Receptor – Offsite Residences	33.4	0.10	0.19
BAAQMD Threshold	10	1.0	0.30
Exceeds Threshold?	Yes	No	No

Note: Cancer risk calculated using 2015 OEHHA HRA guidance.

Cancer risk for the maximum exposed receptor (MER) from project-related construction emissions was calculated to be 33.4 in a million, which exceeds the 10 in a million significance threshold. In accordance with the latest 2015 OEHHA guidance, the calculated total cancer risk conservatively assumes that the risk for the MER consists of a pregnant woman in the third trimester that subsequently gives birth to an infant during the approximately 20-month construction period; therefore, all calculated risk values were multiplied by a factor of 10. In addition, it was conservatively assumed that the residents were outdoors 8 hours a day, 260 construction days per year and exposed to all of the daily construction emissions.

For non-carcinogenic effects, the chronic hazard index identified for each toxicological endpoint totaled less than one for all the off-site sensitive receptors. Therefore, chronic non-carcinogenic hazards are within acceptable limits. The highest PM_{2.5} annual concentration of 0.19 is below the BAAQMD significance threshold of 0.3 micrograms per cubic meter (µg/m³).

Because cancer risk for the MER would exceed BAAQMD’s significance thresholds due to construction activities associated with the proposed project, the following mitigation measure is proposed:

Mitigation Measure AQ-2: During construction, the construction contractor(s) shall use construction equipment fitted with Level 3 Diesel Particulate Filters (DPF) for all equipment of 50 horsepower or more. The construction contractor shall maintain a list of all operating equipment in use on the project site for verification by the City of Cupertino Building Division official or his/her designee. The construction equipment list shall state the makes, models, and number of construction equipment on-site. Equipment shall be properly serviced and

maintained in accordance with manufacturer recommendations. The construction contractor shall ensure that all nonessential idling of construction equipment is restricted to five minutes or less in compliance with California Air Resources Board Rule 2449. Prior to issuance of any construction permit, the construction contractor shall ensure that all construction plans submitted to the City of Cupertino Planning Department and/or Building Division clearly show the requirement for Level 3 DPF emissions standards for construction equipment over 50 horsepower.

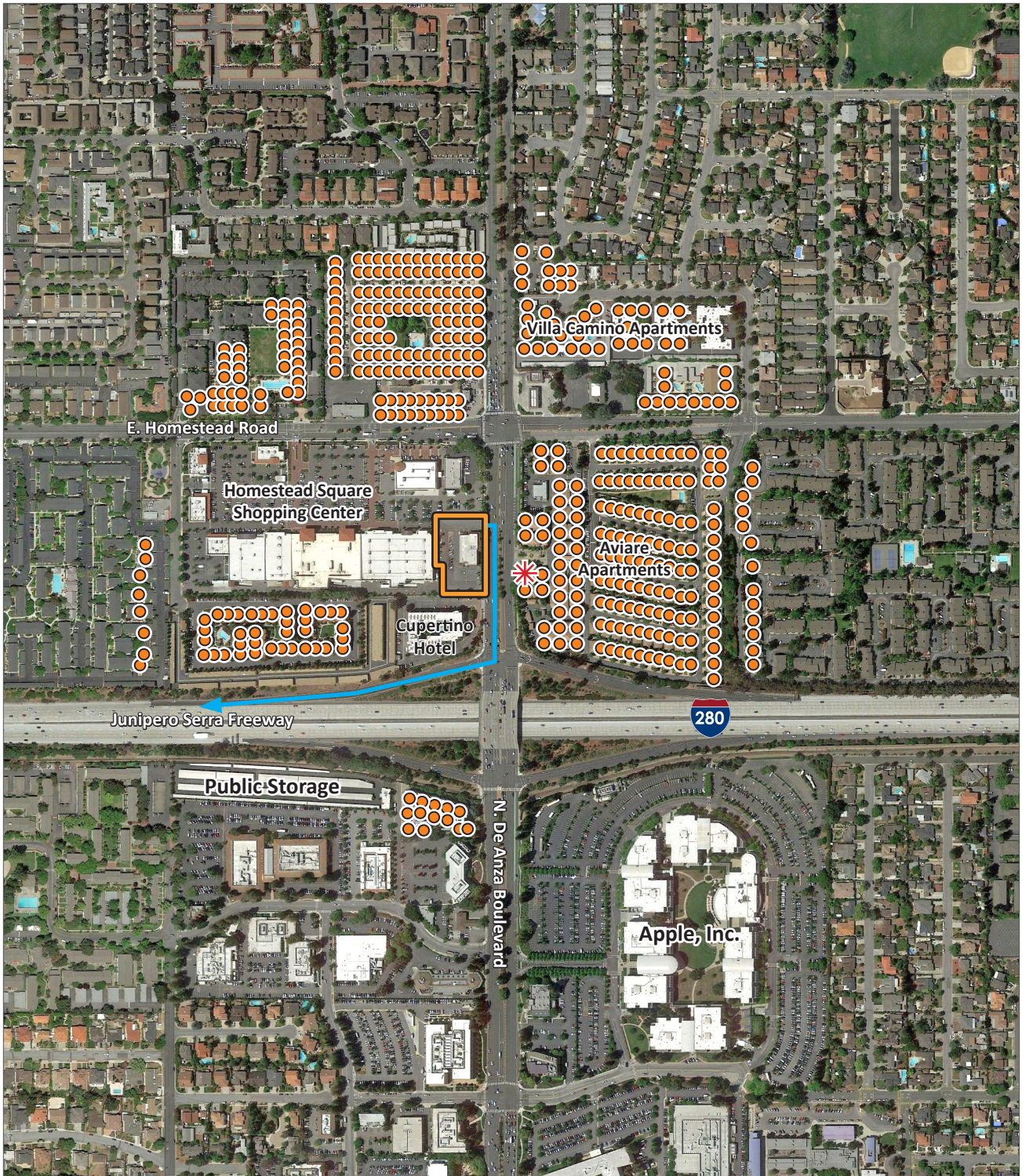
Mitigation Measure AQ-2 would reduce the project’s localized construction emissions, as shown in the following table. The results indicate that, with mitigation, cancer risk would be less than the BAAQMD’s significance thresholds for residential-based receptors. Therefore, the project would not expose off-site sensitive receptors to substantial concentrations of air pollutant emissions during construction and impacts would be *less than significant* with mitigation.

TABLE 2 CONSTRUCTION RISK SUMMARY – MITIGATED

Receptor	Cancer Risk (per million)	Chronic Hazards	PM _{2.5} (µg/m ³) ^a
Maximum Exposed Receptor – Offsite Residences	5.1	0.015	0.03
BAAQMD Threshold	10	1.0	0.3
Exceeds Threshold?	No	No	No

Risks incorporate Mitigation Measure AQ-2, which includes using construction equipment with Level 3 Diesel Particulate Filters for equipment over 50 horsepower.

Note: Cancer risk calculated using 2015 OEHHA HRA guidance.



Source: Google Earth Professional, 2018; PlaceWorks, 2018.



- Project Site
- Maximum Exposed Receptor - Residential
- Truck Route
- Receptors - Residential

Figure 1
Site and Off-Site Receptor Locations

2. References

- Bay Area Air Quality Management District. 2017. *California Environmental Quality Act Air Quality Guidelines*.
- . 2012. *Recommended Methods for Screening and Modeling Local Risks and Hazards*. Version 3.0. Dated May 2012.
- . 2010. Screening Tables for Air Toxics Evaluation During Construction. Version 1.0. Dated May 2010.
- . 2009-2013. Meteorological Data Set for N.Y. Mineta San Jose International Airport.
- California Air Pollution Control Officers Association (CAPCOA). 2016. California Emissions Estimator Model (CalEEMod). Version 2016.3.2. Prepared by: ENVIRON International Corporation and the California Air Districts.
- California Air Resources Board (CARB). 2000. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*.
- . 2015. *Meteorological Files*. <https://www.arb.ca.gov/toxics/harp/metfiles2.htm>
- Office of Environmental Health Hazard Assessment (OEHHA). 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments*. Dated February, 2015.
- United States Environmental Protection Agency (USEPA). 2011. *Exposure Factors Handbook 2011 Edition (Final)*. EPA/600/R-09/052F, 2011.
- . 2005. *Guideline on Air Quality Models (Revised)*. EPA-450/2-78-027R.

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Appendix A. Emission Rate Calculations

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Construction Emissions - DPM and PM2.5 Input to Risk Tables

On-site Construction Emissions		DPM ¹	PM _{2.5} ²
2020 On-site Emissions	Average Daily Emissions (lbs/day)	0.49	0.46
	Average Daily Emissions (lbs/hr)	6.17E-02	5.75E-02
	Emission Rate (g/s)	7.77E-03	7.25E-03
2021 On-site Emissions	Average Daily Emissions (lbs/day)	0.45	0.41
	Average Daily Emissions (lbs/hr)	5.59E-02	5.14E-02
	Emission Rate (g/s)	7.05E-03	6.48E-03
2022 On-site Emissions	Average Daily Emissions (lbs/day)	0.25	0.24
	Average Daily Emissions (lbs/hr)	3.16E-02	2.95E-02
	Emission Rate (g/s)	3.98E-03	3.71E-03

Note: Emissions assumed to be evenly distributed over entire construction phase area.

Off-site Construction Emissions		DPM ¹	PM _{2.5} ²
2020 Off-site Emissions	Haul Length Daily Emissions (lbs/day)	0.094	0.090
	Hauling Emissions w/in 1,000 ft (lbs/day) ³	1.46E-03	1.40E-03
	Emission Rate (lbs/hr)	1.83E-04	1.75E-04
	Emission Rate (g/s)	2.30E-05	2.20E-05
2021 Off-site Emissions	Haul Length Daily Emissions (lbs/day)	0.013	0.013
	Hauling Emissions w/in 1,000 ft (lbs/day) ³	2.09E-04	1.97E-04
	Emission Rate (lbs/hr)	2.61E-05	2.46E-05
	Emission Rate (g/s)	3.29E-06	3.11E-06
2022 Off-site Emissions	Haul Length Daily Emissions (lbs/day)	0.006	0.005
	Hauling Emissions w/in 1,000 ft (lbs/day) ³	9.02E-05	8.45E-05
	Emission Rate (lbs/hr)	1.13E-05	1.06E-05
	Emission Rate (g/s)	1.42E-06	1.33E-06

Note: Emissions evenly distributed over 51 modeled volume sources.

Hours per work day (7:00 AM to 4:00 PM, 1-hour of breaks)⁴ 8 hours

	Year	Workdays	Risk Scalar ⁵
Total construction days per year	2020	109	0.42
	2021	261	1.00
	2022	55	0.21

Average Hauling Length (miles) 20.0
Haul Length within 1,000 ft of Site (mile)³ 0.31

¹ DPM emissions taken as PM₁₀ exhaust emissions from CalEEMod average daily emissions.

² PM_{2.5} emissions taken as PM_{2.5} exhaust emissions from CalEEMod average daily emissions.

³ Emissions from CalEEMod offsite average daily emissions, which is based on proportioned haul truck trip distances proportioned to evaluate emissions from the 0.31-mile route within 1,000 of the project site.

⁴ Work hours applied in By Hour/Day (HRDOW) variable emissions module in air dispersion model (see App B - Air Dispersion Model Output Files).

⁵ Residential risk scalars determined for each year of construction to adjust receptor exposures to the exposure durations for each construction year (see App C - Risk Calculations).

Construction Emissions - DPM and PM2.5
Input to Risk Tables
With Mitigation - Level 3 DPF's for Eq. > 50 hp

On-site Construction Emissions - Mitigated		DPM¹	PM_{2.5}²
2020 On-site Emissions	Average Daily Emissions (lbs/day)	0.07	0.07
	Average Daily Emissions (lbs/hr)	9.27E-03	8.62E-03
	Emission Rate (g/s)	1.17E-03	1.09E-03
2021 On-site Emissions	Average Daily Emissions (lbs/day)	0.07	0.06
	Average Daily Emissions (lbs/hr)	8.39E-03	7.72E-03
	Emission Rate (g/s)	1.06E-03	9.73E-04
2022 On-site Emissions	Average Daily Emissions (lbs/day)	0.04	0.04
	Average Daily Emissions (lbs/hr)	5.55E-03	5.23E-03
	Emission Rate (g/s)	6.99E-04	6.59E-04

Note: Emissions assumed to be evenly distributed over entire construction phase area.

Off-site Construction Emissions - Mitigated		DPM¹	PM_{2.5}²
2020 Off-site Emissions	Haul Length Daily Emissions (lbs/day)	0.094	0.090
	Hauling Emissions w/in 1,000 ft (lbs/day) ³	1.46E-03	1.40E-03
	Emission Rate (lbs/hr)	1.83E-04	1.75E-04
	Emission Rate (g/s)	2.30E-05	2.20E-05
2021 Off-site Emissions	Haul Length Daily Emissions (lbs/day)	0.013	0.013
	Hauling Emissions w/in 1,000 ft (lbs/day) ³	2.09E-04	1.97E-04
	Emission Rate (lbs/hr)	2.61E-05	2.46E-05
	Emission Rate (g/s)	3.29E-06	3.11E-06
2022 Off-site Emissions	Haul Length Daily Emissions (lbs/day)	0.006	0.005
	Hauling Emissions w/in 1,000 ft (lbs/day) ³	9.02E-05	8.45E-05
	Emission Rate (lbs/hr)	1.13E-05	1.06E-05
	Emission Rate (g/s)	1.42E-06	1.33E-06

Note: Emissions evenly distributed over 51 modeled volume sources.

Hours per work day (7:00 AM to 4:00 PM, 1-hour of breaks)⁴ 8 hours

	Year	Workdays	Risk Scalar⁵
Total construction days per year	2020	109	0.42
	2021	261	1.00
	2022	55	0.21

Average Hauling Length (miles) 20.0
Haul Length within 1,000 ft of Site (mile)³ 0.31

¹ DPM emissions taken as PM₁₀ exhaust emissions from CalEEMod average daily emissions.

² PM_{2.5} emissions taken as PM_{2.5} exhaust emissions from CalEEMod average daily emissions.

³ Emissions from CalEEMod offsite average daily emissions, which is based on proportioned haul truck trip distances proportioned to evaluate emissions from the 0.31-mile route within 1,000 of the project site.

⁴ Work hours applied in By Hour/Day (HRDOW) variable emissions module in air dispersion model (see App B - Air Dispersion Model Output Files).

⁵ Residential risk scalars determined for each year of construction to adjust receptor exposures to the exposure durations for each construction year (see App C - Risk Calculations).

Appendix B. Air Dispersion Model Output

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Output Summary
Unit Emission Rates (1 g/s)

Results Summary

Construction HRA
De Anza Hotel

Concentration - Source Group: PAREA1 Offroad Equipment

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		25.51163	ug/m ³	585747.79	4132572.51	63.86	0.00	63.86	

Concentration - Source Group: SLINE1 Haul Route

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		9.02163	ug/m ³	585747.79	4132557.78	63.94	0.00	63.94	

Model Output Unit Emission Rates (1 g/s)

**The AERMET Input Meteorological Data Version Date: 14134

**Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 15.50 ; 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 = 3.8 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: COCU13.err

**File for Summary of Results: COCU13.sum

Model Output Unit Emission Rates (1 g/s)

*** AERMOD - VERSION 18081 *** *** Construction HRA
*** AERMET - VERSION 14134 *** *** De Anza Hotel
*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN

*** 01/04/19
*** 13:16:26
PAGE 6

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

URBAN ID	URBAN POP	SOURCE IDs									
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
L0000007	1781642.	PAREA1	, L0000001	, L0000002	, L0000003	, L0000004	, L0000005	, L0000006	,		
	L0000008	, L0000009	, L0000010	, L0000011	, L0000012	, L0000013	, L0000014	, L0000015	,		
	L0000016	, L0000017	, L0000018	, L0000019	, L0000020	, L0000021	, L0000022	, L0000023	,		
	L0000024	, L0000025	, L0000026	, L0000027	, L0000028	, L0000029	, L0000030	, L0000031	,		
	L0000032	, L0000033	, L0000034	, L0000035	, L0000036	, L0000037	, L0000038	, L0000039	,		
	L0000040	, L0000041	, L0000042	, L0000043	, L0000044	, L0000045	, L0000046	, L0000047	,		
	L0000048	, L0000049	, L0000050	, L0000051	,						

Model Output Unit Emission Rates (1 g/s)

```

*** AERMOD - VERSION 18081 ***   *** Construction HRA   ***   01/04/19
*** AERMET - VERSION 14134 ***   *** De Anza Hotel     ***   13:16:26
                                     PAGE 7
  
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN

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

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	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	.0000E+00	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

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*** AERMOD - VERSION 18081 ***   *** Construction HRA   ***   01/04/19
*** AERMET - VERSION 14134 ***   *** De Anza Hotel     ***   13:16:26
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN

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

SOURCE ID = L0000001 through L0000051 ; SOURCE TYPE = VOLUME :

HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	SCALAR	HR	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	.0000E+00	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

Model Output

Unit Emission Rates (1 g/s)

*** AERMOD - VERSION 18081 ***
*** AERMET - VERSION 14134 ***

*** Construction HRA
*** De Anza Hotel

*** 01/04/19
*** 13:16:26
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(585976.8, 4132454.7,	63.0,	63.0,	0.0);	(585989.5, 4132454.7,	63.0,	63.0,	0.0);
(585913.2, 4132469.4,	63.2,	63.2,	0.0);	(585925.9, 4132469.4,	63.0,	63.0,	0.0);
(585938.6, 4132469.4,	63.0,	63.0,	0.0);	(585951.3, 4132469.4,	63.0,	63.0,	0.0);
(585964.0, 4132469.4,	63.0,	63.0,	0.0);	(585976.8, 4132469.4,	63.0,	63.0,	0.0);
(585989.5, 4132469.4,	63.0,	63.0,	0.0);	(585836.8, 4132484.1,	64.0,	64.0,	0.0);
(585849.6, 4132484.1,	64.0,	64.0,	0.0);	(585862.3, 4132484.1,	64.0,	64.0,	0.0);
(585875.0, 4132484.1,	63.6,	63.6,	0.0);	(585887.7, 4132484.1,	63.2,	63.2,	0.0);
(585900.4, 4132484.1,	63.1,	63.1,	0.0);	(585913.2, 4132484.1,	63.0,	63.0,	0.0);
(585925.9, 4132484.1,	63.0,	63.0,	0.0);	(585938.6, 4132484.1,	63.0,	63.0,	0.0);
(585951.3, 4132484.1,	63.0,	63.0,	0.0);	(585964.0, 4132484.1,	63.0,	63.0,	0.0);
(585976.8, 4132484.1,	63.0,	63.0,	0.0);	(585989.5, 4132484.1,	63.0,	63.0,	0.0);
(585773.2, 4132498.9,	64.0,	64.0,	0.0);	(585786.0, 4132498.9,	64.0,	64.0,	0.0);
(585798.7, 4132498.9,	64.0,	64.0,	0.0);	(585811.4, 4132498.9,	63.9,	63.9,	0.0);
(585836.8, 4132498.9,	63.6,	63.6,	0.0);	(585849.6, 4132498.9,	63.6,	63.6,	0.0);
(585862.3, 4132498.9,	63.6,	63.6,	0.0);	(585875.0, 4132498.9,	63.4,	63.4,	0.0);
(585887.7, 4132498.9,	63.1,	63.1,	0.0);	(585900.4, 4132498.9,	63.0,	63.0,	0.0);
(585913.2, 4132498.9,	63.0,	63.0,	0.0);	(585925.9, 4132498.9,	63.0,	63.0,	0.0);
(585938.6, 4132498.9,	63.0,	63.0,	0.0);	(585951.3, 4132498.9,	63.0,	63.0,	0.0);
(585964.0, 4132498.9,	63.0,	63.0,	0.0);	(585976.8, 4132498.9,	63.0,	63.0,	0.0);
(585989.5, 4132498.9,	62.9,	62.9,	0.0);	(585760.5, 4132513.6,	64.0,	64.0,	0.0);
(585773.2, 4132513.6,	64.0,	64.0,	0.0);	(585786.0, 4132513.6,	64.0,	64.0,	0.0);
(585798.7, 4132513.6,	64.0,	64.0,	0.0);	(585811.4, 4132513.6,	63.8,	63.8,	0.0);
(585836.8, 4132513.6,	63.1,	63.1,	0.0);	(585849.6, 4132513.6,	63.1,	63.1,	0.0);
(585862.3, 4132513.6,	63.1,	63.1,	0.0);	(585875.0, 4132513.6,	63.1,	63.1,	0.0);
(585887.7, 4132513.6,	63.0,	63.0,	0.0);	(585900.4, 4132513.6,	63.0,	63.0,	0.0);
(585913.2, 4132513.6,	63.0,	63.0,	0.0);	(585925.9, 4132513.6,	63.0,	63.0,	0.0);
(585938.6, 4132513.6,	63.0,	63.0,	0.0);	(585951.3, 4132513.6,	63.0,	63.0,	0.0);
(585964.0, 4132513.6,	63.0,	63.0,	0.0);	(585976.8, 4132513.6,	63.0,	63.0,	0.0);
(585989.5, 4132513.6,	62.8,	62.8,	0.0);	(585760.5, 4132528.3,	64.0,	64.0,	0.0);
(585773.2, 4132528.3,	64.0,	64.0,	0.0);	(585786.0, 4132528.3,	63.8,	63.8,	0.0);
(585798.7, 4132528.3,	63.7,	63.7,	0.0);	(585811.4, 4132528.3,	63.4,	63.4,	0.0);
(585836.8, 4132528.3,	63.0,	63.0,	0.0);	(585849.6, 4132528.3,	63.0,	63.0,	0.0);
(585862.3, 4132528.3,	63.0,	63.0,	0.0);	(585875.0, 4132528.3,	63.0,	63.0,	0.0);
(585887.7, 4132528.3,	63.0,	63.0,	0.0);	(585900.4, 4132528.3,	63.0,	63.0,	0.0);
(585913.2, 4132528.3,	63.0,	63.0,	0.0);	(585925.9, 4132528.3,	63.0,	63.0,	0.0);
(585938.6, 4132528.3,	62.8,	62.8,	0.0);	(585951.3, 4132528.3,	62.6,	62.6,	0.0);
(585964.0, 4132528.3,	62.6,	62.6,	0.0);	(585976.8, 4132528.3,	62.6,	62.6,	0.0);
(585989.5, 4132528.3,	62.5,	62.5,	0.0);	(585786.0, 4132543.0,	63.6,	63.6,	0.0);
(585798.7, 4132543.0,	63.2,	63.2,	0.0);	(585811.4, 4132543.0,	63.1,	63.1,	0.0);
(585836.8, 4132543.0,	63.0,	63.0,	0.0);	(585849.6, 4132543.0,	63.0,	63.0,	0.0);
(585862.3, 4132543.0,	63.0,	63.0,	0.0);	(585875.0, 4132543.0,	63.0,	63.0,	0.0);
(585887.7, 4132543.0,	63.0,	63.0,	0.0);	(585900.4, 4132543.0,	63.0,	63.0,	0.0);

Model Output
Unit Emission Rates (1 g/s)

(585913.2, 4132543.0,	63.0,	63.0,	0.0);	(585925.9, 4132543.0,	62.9,	62.9,	0.0);
(585938.6, 4132543.0,	62.5,	62.5,	0.0);	(585951.3, 4132543.0,	62.2,	62.2,	0.0);
(585964.0, 4132543.0,	62.1,	62.1,	0.0);	(585976.8, 4132543.0,	62.1,	62.1,	0.0);
(585989.5, 4132543.0,	62.1,	62.1,	0.0);	(585747.8, 4132557.8,	63.9,	63.9,	0.0);
(585760.5, 4132557.8,	63.8,	63.8,	0.0);	(585773.2, 4132557.8,	63.6,	63.6,	0.0);
(585786.0, 4132557.8,	63.4,	63.4,	0.0);	(585798.7, 4132557.8,	63.1,	63.1,	0.0);
(585811.4, 4132557.8,	63.0,	63.0,	0.0);	(585836.8, 4132557.8,	63.0,	63.0,	0.0);
(585849.6, 4132557.8,	63.0,	63.0,	0.0);	(585862.3, 4132557.8,	63.0,	63.0,	0.0);
(585875.0, 4132557.8,	63.0,	63.0,	0.0);	(585887.7, 4132557.8,	63.0,	63.0,	0.0);
(585900.4, 4132557.8,	62.9,	62.9,	0.0);	(585913.2, 4132557.8,	62.8,	62.8,	0.0);
(585925.9, 4132557.8,	62.6,	62.6,	0.0);	(585938.6, 4132557.8,	62.3,	62.3,	0.0);
(585951.3, 4132557.8,	62.0,	62.0,	0.0);	(585964.0, 4132557.8,	62.0,	62.0,	0.0);
(585976.8, 4132557.8,	62.0,	62.0,	0.0);	(585989.5, 4132557.8,	62.0,	62.0,	0.0);
(585747.8, 4132572.5,	63.9,	63.9,	0.0);	(585760.5, 4132572.5,	63.5,	63.5,	0.0);
(585773.2, 4132572.5,	63.1,	63.1,	0.0);	(585786.0, 4132572.5,	63.1,	63.1,	0.0);
(585798.7, 4132572.5,	63.0,	63.0,	0.0);	(585811.4, 4132572.5,	63.0,	63.0,	0.0);
(585836.8, 4132572.5,	63.0,	63.0,	0.0);	(585849.6, 4132572.5,	63.0,	63.0,	0.0);
(585862.3, 4132572.5,	63.0,	63.0,	0.0);	(585875.0, 4132572.5,	63.0,	63.0,	0.0);
(585887.7, 4132572.5,	63.0,	63.0,	0.0);	(585900.4, 4132572.5,	62.8,	62.8,	0.0);
(585913.2, 4132572.5,	62.4,	62.4,	0.0);	(585925.9, 4132572.5,	62.1,	62.1,	0.0);
(585938.6, 4132572.5,	62.1,	62.1,	0.0);	(585951.3, 4132572.5,	62.0,	62.0,	0.0);
(585964.0, 4132572.5,	62.0,	62.0,	0.0);	(585976.8, 4132572.5,	62.0,	62.0,	0.0);
(585989.5, 4132572.5,	62.0,	62.0,	0.0);	(585747.8, 4132587.2,	63.5,	63.5,	0.0);
(585760.5, 4132587.2,	63.3,	63.3,	0.0);	(585773.2, 4132587.2,	63.0,	63.0,	0.0);
(585786.0, 4132587.2,	63.0,	63.0,	0.0);	(585798.7, 4132587.2,	63.0,	63.0,	0.0);
(585811.4, 4132587.2,	63.0,	63.0,	0.0);	(585836.8, 4132587.2,	63.0,	63.0,	0.0);
(585849.6, 4132587.2,	63.0,	63.0,	0.0);	(585862.3, 4132587.2,	63.0,	63.0,	0.0);
(585875.0, 4132587.2,	62.9,	62.9,	0.0);	(585887.7, 4132587.2,	62.7,	62.7,	0.0);
(585900.4, 4132587.2,	62.5,	62.5,	0.0);	(585913.2, 4132587.2,	62.2,	62.2,	0.0);
(585925.9, 4132587.2,	62.0,	62.0,	0.0);	(585938.6, 4132587.2,	62.0,	62.0,	0.0);
(585951.3, 4132587.2,	62.0,	62.0,	0.0);	(585964.0, 4132587.2,	62.0,	62.0,	0.0);
(585976.8, 4132587.2,	62.0,	62.0,	0.0);	(585989.5, 4132587.2,	62.0,	62.0,	0.0);
(585786.0, 4132602.0,	63.0,	63.0,	0.0);	(585798.7, 4132602.0,	63.0,	63.0,	0.0);
(585811.4, 4132602.0,	63.0,	63.0,	0.0);	(585836.8, 4132602.0,	63.0,	63.0,	0.0);
(585849.6, 4132602.0,	63.0,	63.0,	0.0);	(585862.3, 4132602.0,	63.0,	63.0,	0.0);
(585875.0, 4132602.0,	62.7,	62.7,	0.0);	(585887.7, 4132602.0,	62.3,	62.3,	0.0);
(585900.4, 4132602.0,	62.1,	62.1,	0.0);	(585913.2, 4132602.0,	62.0,	62.0,	0.0);
(585925.9, 4132602.0,	62.0,	62.0,	0.0);	(585938.6, 4132602.0,	62.0,	62.0,	0.0);
(585951.3, 4132602.0,	62.0,	62.0,	0.0);	(585964.0, 4132602.0,	62.0,	62.0,	0.0);
(585976.8, 4132602.0,	62.0,	62.0,	0.0);	(585989.5, 4132602.0,	62.0,	62.0,	0.0);
(585747.8, 4132616.7,	63.0,	63.0,	0.0);	(585760.5, 4132616.7,	63.0,	63.0,	0.0);
(585773.2, 4132616.7,	63.0,	63.0,	0.0);	(585786.0, 4132616.7,	63.0,	63.0,	0.0);
(585798.7, 4132616.7,	63.0,	63.0,	0.0);	(585811.4, 4132616.7,	63.0,	63.0,	0.0);
(585836.8, 4132616.7,	63.0,	63.0,	0.0);	(585849.6, 4132616.7,	62.8,	62.8,	0.0);
(585862.3, 4132616.7,	62.7,	62.7,	0.0);	(585875.0, 4132616.7,	62.4,	62.4,	0.0);
(585887.7, 4132616.7,	62.1,	62.1,	0.0);	(585900.4, 4132616.7,	62.0,	62.0,	0.0);
(585913.2, 4132616.7,	62.0,	62.0,	0.0);	(585925.9, 4132616.7,	62.0,	62.0,	0.0);
(585938.6, 4132616.7,	62.0,	62.0,	0.0);	(585951.3, 4132616.7,	62.0,	62.0,	0.0);

Model Output

Unit Emission Rates (1 g/s)

*** AERMOD - VERSION 18081 ***
*** AERMET - VERSION 14134 ***

*** Construction HRA
*** De Anza Hotel

*** 01/04/19
*** 13:16:26
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(585964.0, 4132616.7,	62.0,	62.0,	0.0);	(585976.8, 4132616.7,	62.0,	62.0,	0.0);
(585989.5, 4132616.7,	61.9,	61.9,	0.0);	(585747.8, 4132631.4,	63.0,	63.0,	0.0);
(585760.5, 4132631.4,	63.0,	63.0,	0.0);	(585773.2, 4132631.4,	63.0,	63.0,	0.0);
(585786.0, 4132631.4,	63.0,	63.0,	0.0);	(585798.7, 4132631.4,	63.0,	63.0,	0.0);
(585811.4, 4132631.4,	63.0,	63.0,	0.0);	(585836.8, 4132631.4,	62.9,	62.9,	0.0);
(585849.6, 4132631.4,	62.5,	62.5,	0.0);	(585862.3, 4132631.4,	62.2,	62.2,	0.0);
(585875.0, 4132631.4,	62.1,	62.1,	0.0);	(585887.7, 4132631.4,	62.0,	62.0,	0.0);
(585900.4, 4132631.4,	62.0,	62.0,	0.0);	(585913.2, 4132631.4,	62.0,	62.0,	0.0);
(585925.9, 4132631.4,	62.0,	62.0,	0.0);	(585938.6, 4132631.4,	62.0,	62.0,	0.0);
(585951.3, 4132631.4,	62.0,	62.0,	0.0);	(585964.0, 4132631.4,	62.0,	62.0,	0.0);
(585976.8, 4132631.4,	62.0,	62.0,	0.0);	(585989.5, 4132631.4,	61.8,	61.8,	0.0);
(585747.8, 4132646.2,	63.0,	63.0,	0.0);	(585760.5, 4132646.2,	63.0,	63.0,	0.0);
(585773.2, 4132646.2,	63.0,	63.0,	0.0);	(585786.0, 4132646.2,	62.9,	62.9,	0.0);
(585798.7, 4132646.2,	62.7,	62.7,	0.0);	(585811.4, 4132646.2,	62.7,	62.7,	0.0);
(585836.8, 4132646.2,	62.6,	62.6,	0.0);	(585849.6, 4132646.2,	62.3,	62.3,	0.0);
(585862.3, 4132646.2,	62.0,	62.0,	0.0);	(585875.0, 4132646.2,	62.0,	62.0,	0.0);
(585887.7, 4132646.2,	62.0,	62.0,	0.0);	(585900.4, 4132646.2,	62.0,	62.0,	0.0);
(585913.2, 4132646.2,	62.0,	62.0,	0.0);	(585925.9, 4132646.2,	62.0,	62.0,	0.0);
(585938.6, 4132646.2,	62.0,	62.0,	0.0);	(585951.3, 4132646.2,	62.0,	62.0,	0.0);
(585964.0, 4132646.2,	61.9,	61.9,	0.0);	(585976.8, 4132646.2,	61.8,	61.8,	0.0);
(585989.5, 4132646.2,	61.5,	61.5,	0.0);	(585798.7, 4132660.9,	62.3,	62.3,	0.0);
(585811.4, 4132660.9,	62.2,	62.2,	0.0);	(585836.8, 4132660.9,	62.2,	62.2,	0.0);
(585849.6, 4132660.9,	62.1,	62.1,	0.0);	(585862.3, 4132660.9,	62.0,	62.0,	0.0);
(585875.0, 4132660.9,	62.0,	62.0,	0.0);	(585887.7, 4132660.9,	62.0,	62.0,	0.0);
(585900.4, 4132660.9,	62.0,	62.0,	0.0);	(585913.2, 4132660.9,	62.0,	62.0,	0.0);
(585925.9, 4132660.9,	62.0,	62.0,	0.0);	(585938.6, 4132660.9,	62.0,	62.0,	0.0);
(585951.3, 4132660.9,	62.0,	62.0,	0.0);	(585964.0, 4132660.9,	61.7,	61.7,	0.0);
(585976.8, 4132660.9,	61.4,	61.4,	0.0);	(585989.5, 4132660.9,	61.1,	61.1,	0.0);
(585798.7, 4132675.6,	62.1,	62.1,	0.0);	(585811.4, 4132675.6,	62.0,	62.0,	0.0);
(585836.8, 4132675.6,	62.0,	62.0,	0.0);	(585849.6, 4132675.6,	62.0,	62.0,	0.0);
(585862.3, 4132675.6,	62.0,	62.0,	0.0);	(585798.7, 4132690.3,	62.0,	62.0,	0.0);
(585811.4, 4132690.3,	62.0,	62.0,	0.0);	(585836.8, 4132690.3,	62.0,	62.0,	0.0);
(585849.6, 4132690.3,	62.0,	62.0,	0.0);	(585862.3, 4132690.3,	62.0,	62.0,	0.0);
(585875.0, 4132690.3,	62.0,	62.0,	0.0);	(585887.7, 4132690.3,	62.0,	62.0,	0.0);
(585900.4, 4132690.3,	61.8,	61.8,	0.0);	(585913.2, 4132690.3,	61.5,	61.5,	0.0);
(585925.9, 4132690.3,	61.2,	61.2,	0.0);	(585938.6, 4132690.3,	61.2,	61.2,	0.0);
(585951.3, 4132690.3,	61.2,	61.2,	0.0);	(585964.0, 4132690.3,	61.1,	61.1,	0.0);
(585976.8, 4132690.3,	61.0,	61.0,	0.0);	(585989.5, 4132690.3,	61.0,	61.0,	0.0);
(585773.2, 4132705.1,	62.0,	62.0,	0.0);	(585786.0, 4132705.1,	62.0,	62.0,	0.0);
(585798.7, 4132705.1,	62.0,	62.0,	0.0);	(585836.8, 4132705.1,	62.0,	62.0,	0.0);
(585849.6, 4132705.1,	62.0,	62.0,	0.0);	(585862.3, 4132705.1,	62.0,	62.0,	0.0);
(585875.0, 4132705.1,	61.9,	61.9,	0.0);	(585887.7, 4132705.1,	61.8,	61.8,	0.0);

Model Output
Unit Emission Rates (1 g/s)

(585900.4, 4132705.1,	61.5,	61.5,	0.0);	(585913.2, 4132705.1,	61.2,	61.2,	0.0);
(585925.9, 4132705.1,	61.0,	61.0,	0.0);	(585938.6, 4132705.1,	61.0,	61.0,	0.0);
(585951.3, 4132705.1,	61.0,	61.0,	0.0);	(585964.0, 4132705.1,	61.0,	61.0,	0.0);
(585976.8, 4132705.1,	61.0,	61.0,	0.0);	(585989.5, 4132705.1,	61.0,	61.0,	0.0);
(585773.2, 4132719.8,	62.0,	62.0,	0.0);	(585786.0, 4132719.8,	62.0,	62.0,	0.0);
(585798.7, 4132719.8,	62.0,	62.0,	0.0);	(585836.8, 4132719.8,	62.0,	62.0,	0.0);
(585849.6, 4132719.8,	62.0,	62.0,	0.0);	(585862.3, 4132719.8,	62.0,	62.0,	0.0);
(585875.0, 4132719.8,	61.7,	61.7,	0.0);	(585887.7, 4132719.8,	61.4,	61.4,	0.0);
(585900.4, 4132719.8,	61.2,	61.2,	0.0);	(585913.2, 4132719.8,	61.1,	61.1,	0.0);
(585925.9, 4132719.8,	61.0,	61.0,	0.0);	(585938.6, 4132719.8,	61.0,	61.0,	0.0);
(585951.3, 4132719.8,	61.0,	61.0,	0.0);	(585964.0, 4132719.8,	61.0,	61.0,	0.0);
(585976.8, 4132719.8,	61.0,	61.0,	0.0);	(585989.5, 4132719.8,	61.0,	61.0,	0.0);
(585773.2, 4132734.5,	62.0,	62.0,	0.0);	(585786.0, 4132734.5,	62.0,	62.0,	0.0);
(585798.7, 4132734.5,	62.0,	62.0,	0.0);	(585836.8, 4132734.5,	61.7,	61.7,	0.0);
(585849.6, 4132734.5,	61.7,	61.7,	0.0);	(585862.3, 4132734.5,	61.7,	61.7,	0.0);
(585875.0, 4132734.5,	61.4,	61.4,	0.0);	(585887.7, 4132734.5,	61.1,	61.1,	0.0);
(585900.4, 4132734.5,	61.0,	61.0,	0.0);	(585913.2, 4132734.5,	61.0,	61.0,	0.0);
(585925.9, 4132734.5,	61.0,	61.0,	0.0);	(585938.6, 4132734.5,	61.0,	61.0,	0.0);
(585951.3, 4132734.5,	61.0,	61.0,	0.0);	(585964.0, 4132734.5,	61.0,	61.0,	0.0);
(585976.8, 4132734.5,	61.0,	61.0,	0.0);	(585989.5, 4132734.5,	60.9,	60.9,	0.0);
(585976.8, 4132454.7,	63.0,	63.0,	6.1);	(585989.5, 4132454.7,	63.0,	63.0,	6.1);
(585913.2, 4132469.4,	63.2,	63.2,	6.1);	(585925.9, 4132469.4,	63.0,	63.0,	6.1);
(585938.6, 4132469.4,	63.0,	63.0,	6.1);	(585951.3, 4132469.4,	63.0,	63.0,	6.1);
(585964.0, 4132469.4,	63.0,	63.0,	6.1);	(585976.8, 4132469.4,	63.0,	63.0,	6.1);
(585989.5, 4132469.4,	63.0,	63.0,	6.1);	(585836.8, 4132484.1,	64.0,	64.0,	6.1);
(585849.6, 4132484.1,	64.0,	64.0,	6.1);	(585862.3, 4132484.1,	64.0,	64.0,	6.1);
(585875.0, 4132484.1,	63.6,	63.6,	6.1);	(585887.7, 4132484.1,	63.2,	63.2,	6.1);
(585900.4, 4132484.1,	63.1,	63.1,	6.1);	(585913.2, 4132484.1,	63.0,	63.0,	6.1);
(585925.9, 4132484.1,	63.0,	63.0,	6.1);	(585938.6, 4132484.1,	63.0,	63.0,	6.1);
(585951.3, 4132484.1,	63.0,	63.0,	6.1);	(585964.0, 4132484.1,	63.0,	63.0,	6.1);
(585976.8, 4132484.1,	63.0,	63.0,	6.1);	(585989.5, 4132484.1,	63.0,	63.0,	6.1);
(585773.2, 4132498.9,	64.0,	64.0,	6.1);	(585786.0, 4132498.9,	64.0,	64.0,	6.1);
(585798.7, 4132498.9,	64.0,	64.0,	6.1);	(585811.4, 4132498.9,	63.9,	63.9,	6.1);
(585836.8, 4132498.9,	63.6,	63.6,	6.1);	(585849.6, 4132498.9,	63.6,	63.6,	6.1);
(585862.3, 4132498.9,	63.6,	63.6,	6.1);	(585875.0, 4132498.9,	63.4,	63.4,	6.1);
(585887.7, 4132498.9,	63.1,	63.1,	6.1);	(585900.4, 4132498.9,	63.0,	63.0,	6.1);
(585913.2, 4132498.9,	63.0,	63.0,	6.1);	(585925.9, 4132498.9,	63.0,	63.0,	6.1);
(585938.6, 4132498.9,	63.0,	63.0,	6.1);	(585951.3, 4132498.9,	63.0,	63.0,	6.1);
(585964.0, 4132498.9,	63.0,	63.0,	6.1);	(585976.8, 4132498.9,	63.0,	63.0,	6.1);
(585989.5, 4132498.9,	62.9,	62.9,	6.1);	(585760.5, 4132513.6,	64.0,	64.0,	6.1);
(585773.2, 4132513.6,	64.0,	64.0,	6.1);	(585786.0, 4132513.6,	64.0,	64.0,	6.1);
(585798.7, 4132513.6,	64.0,	64.0,	6.1);	(585811.4, 4132513.6,	63.8,	63.8,	6.1);
(585836.8, 4132513.6,	63.1,	63.1,	6.1);	(585849.6, 4132513.6,	63.1,	63.1,	6.1);
(585862.3, 4132513.6,	63.1,	63.1,	6.1);	(585875.0, 4132513.6,	63.1,	63.1,	6.1);
(585887.7, 4132513.6,	63.0,	63.0,	6.1);	(585900.4, 4132513.6,	63.0,	63.0,	6.1);
(585913.2, 4132513.6,	63.0,	63.0,	6.1);	(585925.9, 4132513.6,	63.0,	63.0,	6.1);
(585938.6, 4132513.6,	63.0,	63.0,	6.1);	(585951.3, 4132513.6,	63.0,	63.0,	6.1);
(585964.0, 4132513.6,	63.0,	63.0,	6.1);	(585976.8, 4132513.6,	63.0,	63.0,	6.1);

Model Output

Unit Emission Rates (1 g/s)

*** AERMOD - VERSION 18081 ***
*** AERMET - VERSION 14134 ***

*** Construction HRA
*** De Anza Hotel

*** 01/04/19
*** 13:16:26
*** PAGE 63

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(585989.5, 4132513.6,	62.8,	62.8,	6.1);	(585760.5, 4132528.3,	64.0,	64.0,	6.1);
(585773.2, 4132528.3,	64.0,	64.0,	6.1);	(585786.0, 4132528.3,	63.8,	63.8,	6.1);
(585798.7, 4132528.3,	63.7,	63.7,	6.1);	(585811.4, 4132528.3,	63.4,	63.4,	6.1);
(585836.8, 4132528.3,	63.0,	63.0,	6.1);	(585849.6, 4132528.3,	63.0,	63.0,	6.1);
(585862.3, 4132528.3,	63.0,	63.0,	6.1);	(585875.0, 4132528.3,	63.0,	63.0,	6.1);
(585887.7, 4132528.3,	63.0,	63.0,	6.1);	(585900.4, 4132528.3,	63.0,	63.0,	6.1);
(585913.2, 4132528.3,	63.0,	63.0,	6.1);	(585925.9, 4132528.3,	63.0,	63.0,	6.1);
(585938.6, 4132528.3,	62.8,	62.8,	6.1);	(585951.3, 4132528.3,	62.6,	62.6,	6.1);
(585964.0, 4132528.3,	62.6,	62.6,	6.1);	(585976.8, 4132528.3,	62.6,	62.6,	6.1);
(585989.5, 4132528.3,	62.5,	62.5,	6.1);	(585786.0, 4132543.0,	63.6,	63.6,	6.1);
(585798.7, 4132543.0,	63.2,	63.2,	6.1);	(585811.4, 4132543.0,	63.1,	63.1,	6.1);
(585836.8, 4132543.0,	63.0,	63.0,	6.1);	(585849.6, 4132543.0,	63.0,	63.0,	6.1);
(585862.3, 4132543.0,	63.0,	63.0,	6.1);	(585875.0, 4132543.0,	63.0,	63.0,	6.1);
(585887.7, 4132543.0,	63.0,	63.0,	6.1);	(585900.4, 4132543.0,	63.0,	63.0,	6.1);
(585913.2, 4132543.0,	63.0,	63.0,	6.1);	(585925.9, 4132543.0,	62.9,	62.9,	6.1);
(585938.6, 4132543.0,	62.5,	62.5,	6.1);	(585951.3, 4132543.0,	62.2,	62.2,	6.1);
(585964.0, 4132543.0,	62.1,	62.1,	6.1);	(585976.8, 4132543.0,	62.1,	62.1,	6.1);
(585989.5, 4132543.0,	62.1,	62.1,	6.1);	(585747.8, 4132557.8,	63.9,	63.9,	6.1);
(585760.5, 4132557.8,	63.8,	63.8,	6.1);	(585773.2, 4132557.8,	63.6,	63.6,	6.1);
(585786.0, 4132557.8,	63.4,	63.4,	6.1);	(585798.7, 4132557.8,	63.1,	63.1,	6.1);
(585811.4, 4132557.8,	63.0,	63.0,	6.1);	(585836.8, 4132557.8,	63.0,	63.0,	6.1);
(585849.6, 4132557.8,	63.0,	63.0,	6.1);	(585862.3, 4132557.8,	63.0,	63.0,	6.1);
(585875.0, 4132557.8,	63.0,	63.0,	6.1);	(585887.7, 4132557.8,	63.0,	63.0,	6.1);
(585900.4, 4132557.8,	62.9,	62.9,	6.1);	(585913.2, 4132557.8,	62.8,	62.8,	6.1);
(585925.9, 4132557.8,	62.6,	62.6,	6.1);	(585938.6, 4132557.8,	62.3,	62.3,	6.1);
(585951.3, 4132557.8,	62.0,	62.0,	6.1);	(585964.0, 4132557.8,	62.0,	62.0,	6.1);
(585976.8, 4132557.8,	62.0,	62.0,	6.1);	(585989.5, 4132557.8,	62.0,	62.0,	6.1);
(585747.8, 4132572.5,	63.9,	63.9,	6.1);	(585760.5, 4132572.5,	63.5,	63.5,	6.1);
(585773.2, 4132572.5,	63.1,	63.1,	6.1);	(585786.0, 4132572.5,	63.1,	63.1,	6.1);
(585798.7, 4132572.5,	63.0,	63.0,	6.1);	(585811.4, 4132572.5,	63.0,	63.0,	6.1);
(585836.8, 4132572.5,	63.0,	63.0,	6.1);	(585849.6, 4132572.5,	63.0,	63.0,	6.1);
(585862.3, 4132572.5,	63.0,	63.0,	6.1);	(585875.0, 4132572.5,	63.0,	63.0,	6.1);
(585887.7, 4132572.5,	63.0,	63.0,	6.1);	(585900.4, 4132572.5,	62.8,	62.8,	6.1);
(585913.2, 4132572.5,	62.4,	62.4,	6.1);	(585925.9, 4132572.5,	62.1,	62.1,	6.1);
(585938.6, 4132572.5,	62.1,	62.1,	6.1);	(585951.3, 4132572.5,	62.0,	62.0,	6.1);
(585964.0, 4132572.5,	62.0,	62.0,	6.1);	(585976.8, 4132572.5,	62.0,	62.0,	6.1);
(585989.5, 4132572.5,	62.0,	62.0,	6.1);	(585747.8, 4132587.2,	63.5,	63.5,	6.1);
(585760.5, 4132587.2,	63.3,	63.3,	6.1);	(585773.2, 4132587.2,	63.0,	63.0,	6.1);
(585786.0, 4132587.2,	63.0,	63.0,	6.1);	(585798.7, 4132587.2,	63.0,	63.0,	6.1);
(585811.4, 4132587.2,	63.0,	63.0,	6.1);	(585836.8, 4132587.2,	63.0,	63.0,	6.1);
(585849.6, 4132587.2,	63.0,	63.0,	6.1);	(585862.3, 4132587.2,	63.0,	63.0,	6.1);
(585875.0, 4132587.2,	62.9,	62.9,	6.1);	(585887.7, 4132587.2,	62.7,	62.7,	6.1);

Model Output
Unit Emission Rates (1 g/s)

(585900.4, 4132587.2,	62.5,	62.5,	6.1);	(585913.2, 4132587.2,	62.2,	62.2,	6.1);
(585925.9, 4132587.2,	62.0,	62.0,	6.1);	(585938.6, 4132587.2,	62.0,	62.0,	6.1);
(585951.3, 4132587.2,	62.0,	62.0,	6.1);	(585964.0, 4132587.2,	62.0,	62.0,	6.1);
(585976.8, 4132587.2,	62.0,	62.0,	6.1);	(585989.5, 4132587.2,	62.0,	62.0,	6.1);
(585786.0, 4132602.0,	63.0,	63.0,	6.1);	(585798.7, 4132602.0,	63.0,	63.0,	6.1);
(585811.4, 4132602.0,	63.0,	63.0,	6.1);	(585836.8, 4132602.0,	63.0,	63.0,	6.1);
(585849.6, 4132602.0,	63.0,	63.0,	6.1);	(585862.3, 4132602.0,	63.0,	63.0,	6.1);
(585875.0, 4132602.0,	62.7,	62.7,	6.1);	(585887.7, 4132602.0,	62.3,	62.3,	6.1);
(585900.4, 4132602.0,	62.1,	62.1,	6.1);	(585913.2, 4132602.0,	62.0,	62.0,	6.1);
(585925.9, 4132602.0,	62.0,	62.0,	6.1);	(585938.6, 4132602.0,	62.0,	62.0,	6.1);
(585951.3, 4132602.0,	62.0,	62.0,	6.1);	(585964.0, 4132602.0,	62.0,	62.0,	6.1);
(585976.8, 4132602.0,	62.0,	62.0,	6.1);	(585989.5, 4132602.0,	62.0,	62.0,	6.1);
(585747.8, 4132616.7,	63.0,	63.0,	6.1);	(585760.5, 4132616.7,	63.0,	63.0,	6.1);
(585773.2, 4132616.7,	63.0,	63.0,	6.1);	(585786.0, 4132616.7,	63.0,	63.0,	6.1);
(585798.7, 4132616.7,	63.0,	63.0,	6.1);	(585811.4, 4132616.7,	63.0,	63.0,	6.1);
(585836.8, 4132616.7,	63.0,	63.0,	6.1);	(585849.6, 4132616.7,	62.8,	62.8,	6.1);
(585862.3, 4132616.7,	62.7,	62.7,	6.1);	(585875.0, 4132616.7,	62.4,	62.4,	6.1);
(585887.7, 4132616.7,	62.1,	62.1,	6.1);	(585900.4, 4132616.7,	62.0,	62.0,	6.1);
(585913.2, 4132616.7,	62.0,	62.0,	6.1);	(585925.9, 4132616.7,	62.0,	62.0,	6.1);
(585938.6, 4132616.7,	62.0,	62.0,	6.1);	(585951.3, 4132616.7,	62.0,	62.0,	6.1);
(585964.0, 4132616.7,	62.0,	62.0,	6.1);	(585976.8, 4132616.7,	62.0,	62.0,	6.1);
(585989.5, 4132616.7,	61.9,	61.9,	6.1);	(585747.8, 4132631.4,	63.0,	63.0,	6.1);
(585760.5, 4132631.4,	63.0,	63.0,	6.1);	(585773.2, 4132631.4,	63.0,	63.0,	6.1);
(585786.0, 4132631.4,	63.0,	63.0,	6.1);	(585798.7, 4132631.4,	63.0,	63.0,	6.1);
(585811.4, 4132631.4,	63.0,	63.0,	6.1);	(585836.8, 4132631.4,	62.9,	62.9,	6.1);
(585849.6, 4132631.4,	62.5,	62.5,	6.1);	(585862.3, 4132631.4,	62.2,	62.2,	6.1);
(585875.0, 4132631.4,	62.1,	62.1,	6.1);	(585887.7, 4132631.4,	62.0,	62.0,	6.1);
(585900.4, 4132631.4,	62.0,	62.0,	6.1);	(585913.2, 4132631.4,	62.0,	62.0,	6.1);
(585925.9, 4132631.4,	62.0,	62.0,	6.1);	(585938.6, 4132631.4,	62.0,	62.0,	6.1);
(585951.3, 4132631.4,	62.0,	62.0,	6.1);	(585964.0, 4132631.4,	62.0,	62.0,	6.1);
(585976.8, 4132631.4,	62.0,	62.0,	6.1);	(585989.5, 4132631.4,	61.8,	61.8,	6.1);
(585747.8, 4132646.2,	63.0,	63.0,	6.1);	(585760.5, 4132646.2,	63.0,	63.0,	6.1);
(585773.2, 4132646.2,	63.0,	63.0,	6.1);	(585786.0, 4132646.2,	62.9,	62.9,	6.1);
(585798.7, 4132646.2,	62.7,	62.7,	6.1);	(585811.4, 4132646.2,	62.7,	62.7,	6.1);
(585836.8, 4132646.2,	62.6,	62.6,	6.1);	(585849.6, 4132646.2,	62.3,	62.3,	6.1);
(585862.3, 4132646.2,	62.0,	62.0,	6.1);	(585875.0, 4132646.2,	62.0,	62.0,	6.1);
(585887.7, 4132646.2,	62.0,	62.0,	6.1);	(585900.4, 4132646.2,	62.0,	62.0,	6.1);
(585913.2, 4132646.2,	62.0,	62.0,	6.1);	(585925.9, 4132646.2,	62.0,	62.0,	6.1);
(585938.6, 4132646.2,	62.0,	62.0,	6.1);	(585951.3, 4132646.2,	62.0,	62.0,	6.1);
(585964.0, 4132646.2,	61.9,	61.9,	6.1);	(585976.8, 4132646.2,	61.8,	61.8,	6.1);
(585989.5, 4132646.2,	61.5,	61.5,	6.1);	(585798.7, 4132660.9,	62.3,	62.3,	6.1);
(585811.4, 4132660.9,	62.2,	62.2,	6.1);	(585836.8, 4132660.9,	62.2,	62.2,	6.1);
(585849.6, 4132660.9,	62.1,	62.1,	6.1);	(585862.3, 4132660.9,	62.0,	62.0,	6.1);
(585875.0, 4132660.9,	62.0,	62.0,	6.1);	(585887.7, 4132660.9,	62.0,	62.0,	6.1);
(585900.4, 4132660.9,	62.0,	62.0,	6.1);	(585913.2, 4132660.9,	62.0,	62.0,	6.1);
(585925.9, 4132660.9,	62.0,	62.0,	6.1);	(585938.6, 4132660.9,	62.0,	62.0,	6.1);
(585951.3, 4132660.9,	62.0,	62.0,	6.1);	(585964.0, 4132660.9,	61.7,	61.7,	6.1);
(585976.8, 4132660.9,	61.4,	61.4,	6.1);	(585989.5, 4132660.9,	61.1,	61.1,	6.1);

Model Output

Unit Emission Rates (1 g/s)

*** AERMOD - VERSION 18081 ***
*** AERMET - VERSION 14134 ***

*** Construction HRA
*** De Anza Hotel

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(585798.7, 4132675.6,	62.1,	62.1,	6.1);	(585811.4, 4132675.6,	62.0,	62.0,	6.1);
(585836.8, 4132675.6,	62.0,	62.0,	6.1);	(585849.6, 4132675.6,	62.0,	62.0,	6.1);
(585862.3, 4132675.6,	62.0,	62.0,	6.1);	(585798.7, 4132690.3,	62.0,	62.0,	6.1);
(585811.4, 4132690.3,	62.0,	62.0,	6.1);	(585836.8, 4132690.3,	62.0,	62.0,	6.1);
(585849.6, 4132690.3,	62.0,	62.0,	6.1);	(585862.3, 4132690.3,	62.0,	62.0,	6.1);
(585875.0, 4132690.3,	62.0,	62.0,	6.1);	(585887.7, 4132690.3,	62.0,	62.0,	6.1);
(585900.4, 4132690.3,	61.8,	61.8,	6.1);	(585913.2, 4132690.3,	61.5,	61.5,	6.1);
(585925.9, 4132690.3,	61.2,	61.2,	6.1);	(585938.6, 4132690.3,	61.2,	61.2,	6.1);
(585951.3, 4132690.3,	61.2,	61.2,	6.1);	(585964.0, 4132690.3,	61.1,	61.1,	6.1);
(585976.8, 4132690.3,	61.0,	61.0,	6.1);	(585989.5, 4132690.3,	61.0,	61.0,	6.1);
(585773.2, 4132705.1,	62.0,	62.0,	6.1);	(585786.0, 4132705.1,	62.0,	62.0,	6.1);
(585798.7, 4132705.1,	62.0,	62.0,	6.1);	(585836.8, 4132705.1,	62.0,	62.0,	6.1);
(585849.6, 4132705.1,	62.0,	62.0,	6.1);	(585862.3, 4132705.1,	62.0,	62.0,	6.1);
(585875.0, 4132705.1,	61.9,	61.9,	6.1);	(585887.7, 4132705.1,	61.8,	61.8,	6.1);
(585900.4, 4132705.1,	61.5,	61.5,	6.1);	(585913.2, 4132705.1,	61.2,	61.2,	6.1);
(585925.9, 4132705.1,	61.0,	61.0,	6.1);	(585938.6, 4132705.1,	61.0,	61.0,	6.1);
(585951.3, 4132705.1,	61.0,	61.0,	6.1);	(585964.0, 4132705.1,	61.0,	61.0,	6.1);
(585976.8, 4132705.1,	61.0,	61.0,	6.1);	(585989.5, 4132705.1,	61.0,	61.0,	6.1);
(585773.2, 4132719.8,	62.0,	62.0,	6.1);	(585786.0, 4132719.8,	62.0,	62.0,	6.1);
(585798.7, 4132719.8,	62.0,	62.0,	6.1);	(585836.8, 4132719.8,	62.0,	62.0,	6.1);
(585849.6, 4132719.8,	62.0,	62.0,	6.1);	(585862.3, 4132719.8,	62.0,	62.0,	6.1);
(585875.0, 4132719.8,	61.7,	61.7,	6.1);	(585887.7, 4132719.8,	61.4,	61.4,	6.1);
(585900.4, 4132719.8,	61.2,	61.2,	6.1);	(585913.2, 4132719.8,	61.1,	61.1,	6.1);
(585925.9, 4132719.8,	61.0,	61.0,	6.1);	(585938.6, 4132719.8,	61.0,	61.0,	6.1);
(585951.3, 4132719.8,	61.0,	61.0,	6.1);	(585964.0, 4132719.8,	61.0,	61.0,	6.1);
(585976.8, 4132719.8,	61.0,	61.0,	6.1);	(585989.5, 4132719.8,	61.0,	61.0,	6.1);
(585773.2, 4132734.5,	62.0,	62.0,	6.1);	(585786.0, 4132734.5,	62.0,	62.0,	6.1);
(585798.7, 4132734.5,	62.0,	62.0,	6.1);	(585836.8, 4132734.5,	61.7,	61.7,	6.1);
(585849.6, 4132734.5,	61.7,	61.7,	6.1);	(585862.3, 4132734.5,	61.7,	61.7,	6.1);
(585875.0, 4132734.5,	61.4,	61.4,	6.1);	(585887.7, 4132734.5,	61.1,	61.1,	6.1);
(585900.4, 4132734.5,	61.0,	61.0,	6.1);	(585913.2, 4132734.5,	61.0,	61.0,	6.1);
(585925.9, 4132734.5,	61.0,	61.0,	6.1);	(585938.6, 4132734.5,	61.0,	61.0,	6.1);
(585951.3, 4132734.5,	61.0,	61.0,	6.1);	(585964.0, 4132734.5,	61.0,	61.0,	6.1);
(585976.8, 4132734.5,	61.0,	61.0,	6.1);	(585989.5, 4132734.5,	60.9,	60.9,	6.1);
(585976.8, 4132454.7,	63.0,	63.0,	9.1);	(585989.5, 4132454.7,	63.0,	63.0,	9.1);
(585913.2, 4132469.4,	63.2,	63.2,	9.1);	(585925.9, 4132469.4,	63.0,	63.0,	9.1);
(585938.6, 4132469.4,	63.0,	63.0,	9.1);	(585951.3, 4132469.4,	63.0,	63.0,	9.1);
(585964.0, 4132469.4,	63.0,	63.0,	9.1);	(585976.8, 4132469.4,	63.0,	63.0,	9.1);
(585989.5, 4132469.4,	63.0,	63.0,	9.1);	(585836.8, 4132484.1,	64.0,	64.0,	9.1);
(585849.6, 4132484.1,	64.0,	64.0,	9.1);	(585862.3, 4132484.1,	64.0,	64.0,	9.1);
(585875.0, 4132484.1,	63.6,	63.6,	9.1);	(585887.7, 4132484.1,	63.2,	63.2,	9.1);
(585900.4, 4132484.1,	63.1,	63.1,	9.1);	(585913.2, 4132484.1,	63.0,	63.0,	9.1);

Model Output
Unit Emission Rates (1 g/s)

(585925.9, 4132484.1,	63.0,	63.0,	9.1);	(585938.6, 4132484.1,	63.0,	63.0,	9.1);
(585951.3, 4132484.1,	63.0,	63.0,	9.1);	(585964.0, 4132484.1,	63.0,	63.0,	9.1);
(585976.8, 4132484.1,	63.0,	63.0,	9.1);	(585989.5, 4132484.1,	63.0,	63.0,	9.1);
(585773.2, 4132498.9,	64.0,	64.0,	9.1);	(585786.0, 4132498.9,	64.0,	64.0,	9.1);
(585798.7, 4132498.9,	64.0,	64.0,	9.1);	(585811.4, 4132498.9,	63.9,	63.9,	9.1);
(585836.8, 4132498.9,	63.6,	63.6,	9.1);	(585849.6, 4132498.9,	63.6,	63.6,	9.1);
(585862.3, 4132498.9,	63.6,	63.6,	9.1);	(585875.0, 4132498.9,	63.4,	63.4,	9.1);
(585887.7, 4132498.9,	63.1,	63.1,	9.1);	(585900.4, 4132498.9,	63.0,	63.0,	9.1);
(585913.2, 4132498.9,	63.0,	63.0,	9.1);	(585925.9, 4132498.9,	63.0,	63.0,	9.1);
(585938.6, 4132498.9,	63.0,	63.0,	9.1);	(585951.3, 4132498.9,	63.0,	63.0,	9.1);
(585964.0, 4132498.9,	63.0,	63.0,	9.1);	(585976.8, 4132498.9,	63.0,	63.0,	9.1);
(585989.5, 4132498.9,	62.9,	62.9,	9.1);	(585760.5, 4132513.6,	64.0,	64.0,	9.1);
(585773.2, 4132513.6,	64.0,	64.0,	9.1);	(585786.0, 4132513.6,	64.0,	64.0,	9.1);
(585798.7, 4132513.6,	64.0,	64.0,	9.1);	(585811.4, 4132513.6,	63.8,	63.8,	9.1);
(585836.8, 4132513.6,	63.1,	63.1,	9.1);	(585849.6, 4132513.6,	63.1,	63.1,	9.1);
(585862.3, 4132513.6,	63.1,	63.1,	9.1);	(585875.0, 4132513.6,	63.1,	63.1,	9.1);
(585887.7, 4132513.6,	63.0,	63.0,	9.1);	(585900.4, 4132513.6,	63.0,	63.0,	9.1);
(585913.2, 4132513.6,	63.0,	63.0,	9.1);	(585925.9, 4132513.6,	63.0,	63.0,	9.1);
(585938.6, 4132513.6,	63.0,	63.0,	9.1);	(585951.3, 4132513.6,	63.0,	63.0,	9.1);
(585964.0, 4132513.6,	63.0,	63.0,	9.1);	(585976.8, 4132513.6,	63.0,	63.0,	9.1);
(585989.5, 4132513.6,	62.8,	62.8,	9.1);	(585760.5, 4132528.3,	64.0,	64.0,	9.1);
(585773.2, 4132528.3,	64.0,	64.0,	9.1);	(585786.0, 4132528.3,	63.8,	63.8,	9.1);
(585798.7, 4132528.3,	63.7,	63.7,	9.1);	(585811.4, 4132528.3,	63.4,	63.4,	9.1);
(585836.8, 4132528.3,	63.0,	63.0,	9.1);	(585849.6, 4132528.3,	63.0,	63.0,	9.1);
(585862.3, 4132528.3,	63.0,	63.0,	9.1);	(585875.0, 4132528.3,	63.0,	63.0,	9.1);
(585887.7, 4132528.3,	63.0,	63.0,	9.1);	(585900.4, 4132528.3,	63.0,	63.0,	9.1);
(585913.2, 4132528.3,	63.0,	63.0,	9.1);	(585925.9, 4132528.3,	63.0,	63.0,	9.1);
(585938.6, 4132528.3,	62.8,	62.8,	9.1);	(585951.3, 4132528.3,	62.6,	62.6,	9.1);
(585964.0, 4132528.3,	62.6,	62.6,	9.1);	(585976.8, 4132528.3,	62.6,	62.6,	9.1);
(585989.5, 4132528.3,	62.5,	62.5,	9.1);	(585786.0, 4132543.0,	63.6,	63.6,	9.1);
(585798.7, 4132543.0,	63.2,	63.2,	9.1);	(585811.4, 4132543.0,	63.1,	63.1,	9.1);
(585836.8, 4132543.0,	63.0,	63.0,	9.1);	(585849.6, 4132543.0,	63.0,	63.0,	9.1);
(585862.3, 4132543.0,	63.0,	63.0,	9.1);	(585875.0, 4132543.0,	63.0,	63.0,	9.1);
(585887.7, 4132543.0,	63.0,	63.0,	9.1);	(585900.4, 4132543.0,	63.0,	63.0,	9.1);
(585913.2, 4132543.0,	63.0,	63.0,	9.1);	(585925.9, 4132543.0,	62.9,	62.9,	9.1);
(585938.6, 4132543.0,	62.5,	62.5,	9.1);	(585951.3, 4132543.0,	62.2,	62.2,	9.1);
(585964.0, 4132543.0,	62.1,	62.1,	9.1);	(585976.8, 4132543.0,	62.1,	62.1,	9.1);
(585989.5, 4132543.0,	62.1,	62.1,	9.1);	(585747.8, 4132557.8,	63.9,	63.9,	9.1);
(585760.5, 4132557.8,	63.8,	63.8,	9.1);	(585773.2, 4132557.8,	63.6,	63.6,	9.1);
(585786.0, 4132557.8,	63.4,	63.4,	9.1);	(585798.7, 4132557.8,	63.1,	63.1,	9.1);
(585811.4, 4132557.8,	63.0,	63.0,	9.1);	(585836.8, 4132557.8,	63.0,	63.0,	9.1);
(585849.6, 4132557.8,	63.0,	63.0,	9.1);	(585862.3, 4132557.8,	63.0,	63.0,	9.1);
(585875.0, 4132557.8,	63.0,	63.0,	9.1);	(585887.7, 4132557.8,	63.0,	63.0,	9.1);
(585900.4, 4132557.8,	62.9,	62.9,	9.1);	(585913.2, 4132557.8,	62.8,	62.8,	9.1);
(585925.9, 4132557.8,	62.6,	62.6,	9.1);	(585938.6, 4132557.8,	62.3,	62.3,	9.1);
(585951.3, 4132557.8,	62.0,	62.0,	9.1);	(585964.0, 4132557.8,	62.0,	62.0,	9.1);
(585976.8, 4132557.8,	62.0,	62.0,	9.1);	(585989.5, 4132557.8,	62.0,	62.0,	9.1);
(585747.8, 4132572.5,	63.9,	63.9,	9.1);	(585760.5, 4132572.5,	63.5,	63.5,	9.1);

Model Output

Unit Emission Rates (1 g/s)

*** AERMOD - VERSION 18081 ***
*** AERMET - VERSION 14134 ***

*** Construction HRA
*** De Anza Hotel

*** 01/04/19
*** 13:16:26
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(585773.2, 4132572.5,	63.1,	63.1,	9.1);	(585786.0, 4132572.5,	63.1,	63.1,	9.1);
(585798.7, 4132572.5,	63.0,	63.0,	9.1);	(585811.4, 4132572.5,	63.0,	63.0,	9.1);
(585836.8, 4132572.5,	63.0,	63.0,	9.1);	(585849.6, 4132572.5,	63.0,	63.0,	9.1);
(585862.3, 4132572.5,	63.0,	63.0,	9.1);	(585875.0, 4132572.5,	63.0,	63.0,	9.1);
(585887.7, 4132572.5,	63.0,	63.0,	9.1);	(585900.4, 4132572.5,	62.8,	62.8,	9.1);
(585913.2, 4132572.5,	62.4,	62.4,	9.1);	(585925.9, 4132572.5,	62.1,	62.1,	9.1);
(585938.6, 4132572.5,	62.1,	62.1,	9.1);	(585951.3, 4132572.5,	62.0,	62.0,	9.1);
(585964.0, 4132572.5,	62.0,	62.0,	9.1);	(585976.8, 4132572.5,	62.0,	62.0,	9.1);
(585989.5, 4132572.5,	62.0,	62.0,	9.1);	(585747.8, 4132587.2,	63.5,	63.5,	9.1);
(585760.5, 4132587.2,	63.3,	63.3,	9.1);	(585773.2, 4132587.2,	63.0,	63.0,	9.1);
(585786.0, 4132587.2,	63.0,	63.0,	9.1);	(585798.7, 4132587.2,	63.0,	63.0,	9.1);
(585811.4, 4132587.2,	63.0,	63.0,	9.1);	(585836.8, 4132587.2,	63.0,	63.0,	9.1);
(585849.6, 4132587.2,	63.0,	63.0,	9.1);	(585862.3, 4132587.2,	63.0,	63.0,	9.1);
(585875.0, 4132587.2,	62.9,	62.9,	9.1);	(585887.7, 4132587.2,	62.7,	62.7,	9.1);
(585900.4, 4132587.2,	62.5,	62.5,	9.1);	(585913.2, 4132587.2,	62.2,	62.2,	9.1);
(585925.9, 4132587.2,	62.0,	62.0,	9.1);	(585938.6, 4132587.2,	62.0,	62.0,	9.1);
(585951.3, 4132587.2,	62.0,	62.0,	9.1);	(585964.0, 4132587.2,	62.0,	62.0,	9.1);
(585976.8, 4132587.2,	62.0,	62.0,	9.1);	(585989.5, 4132587.2,	62.0,	62.0,	9.1);
(585786.0, 4132602.0,	63.0,	63.0,	9.1);	(585798.7, 4132602.0,	63.0,	63.0,	9.1);
(585811.4, 4132602.0,	63.0,	63.0,	9.1);	(585836.8, 4132602.0,	63.0,	63.0,	9.1);
(585849.6, 4132602.0,	63.0,	63.0,	9.1);	(585862.3, 4132602.0,	63.0,	63.0,	9.1);
(585875.0, 4132602.0,	62.7,	62.7,	9.1);	(585887.7, 4132602.0,	62.3,	62.3,	9.1);
(585900.4, 4132602.0,	62.1,	62.1,	9.1);	(585913.2, 4132602.0,	62.0,	62.0,	9.1);
(585925.9, 4132602.0,	62.0,	62.0,	9.1);	(585938.6, 4132602.0,	62.0,	62.0,	9.1);
(585951.3, 4132602.0,	62.0,	62.0,	9.1);	(585964.0, 4132602.0,	62.0,	62.0,	9.1);
(585976.8, 4132602.0,	62.0,	62.0,	9.1);	(585989.5, 4132602.0,	62.0,	62.0,	9.1);
(585747.8, 4132616.7,	63.0,	63.0,	9.1);	(585760.5, 4132616.7,	63.0,	63.0,	9.1);
(585773.2, 4132616.7,	63.0,	63.0,	9.1);	(585786.0, 4132616.7,	63.0,	63.0,	9.1);
(585798.7, 4132616.7,	63.0,	63.0,	9.1);	(585811.4, 4132616.7,	63.0,	63.0,	9.1);
(585836.8, 4132616.7,	63.0,	63.0,	9.1);	(585849.6, 4132616.7,	62.8,	62.8,	9.1);
(585862.3, 4132616.7,	62.7,	62.7,	9.1);	(585875.0, 4132616.7,	62.4,	62.4,	9.1);
(585887.7, 4132616.7,	62.1,	62.1,	9.1);	(585900.4, 4132616.7,	62.0,	62.0,	9.1);
(585913.2, 4132616.7,	62.0,	62.0,	9.1);	(585925.9, 4132616.7,	62.0,	62.0,	9.1);
(585938.6, 4132616.7,	62.0,	62.0,	9.1);	(585951.3, 4132616.7,	62.0,	62.0,	9.1);
(585964.0, 4132616.7,	62.0,	62.0,	9.1);	(585976.8, 4132616.7,	62.0,	62.0,	9.1);
(585989.5, 4132616.7,	61.9,	61.9,	9.1);	(585747.8, 4132631.4,	63.0,	63.0,	9.1);
(585760.5, 4132631.4,	63.0,	63.0,	9.1);	(585773.2, 4132631.4,	63.0,	63.0,	9.1);
(585786.0, 4132631.4,	63.0,	63.0,	9.1);	(585798.7, 4132631.4,	63.0,	63.0,	9.1);
(585811.4, 4132631.4,	63.0,	63.0,	9.1);	(585836.8, 4132631.4,	62.9,	62.9,	9.1);
(585849.6, 4132631.4,	62.5,	62.5,	9.1);	(585862.3, 4132631.4,	62.2,	62.2,	9.1);
(585875.0, 4132631.4,	62.1,	62.1,	9.1);	(585887.7, 4132631.4,	62.0,	62.0,	9.1);
(585900.4, 4132631.4,	62.0,	62.0,	9.1);	(585913.2, 4132631.4,	62.0,	62.0,	9.1);

Model Output
Unit Emission Rates (1 g/s)

(585925.9, 4132631.4,	62.0,	62.0,	9.1);	(585938.6, 4132631.4,	62.0,	62.0,	9.1);
(585951.3, 4132631.4,	62.0,	62.0,	9.1);	(585964.0, 4132631.4,	62.0,	62.0,	9.1);
(585976.8, 4132631.4,	62.0,	62.0,	9.1);	(585989.5, 4132631.4,	61.8,	61.8,	9.1);
(585747.8, 4132646.2,	63.0,	63.0,	9.1);	(585760.5, 4132646.2,	63.0,	63.0,	9.1);
(585773.2, 4132646.2,	63.0,	63.0,	9.1);	(585786.0, 4132646.2,	62.9,	62.9,	9.1);
(585798.7, 4132646.2,	62.7,	62.7,	9.1);	(585811.4, 4132646.2,	62.7,	62.7,	9.1);
(585836.8, 4132646.2,	62.6,	62.6,	9.1);	(585849.6, 4132646.2,	62.3,	62.3,	9.1);
(585862.3, 4132646.2,	62.0,	62.0,	9.1);	(585875.0, 4132646.2,	62.0,	62.0,	9.1);
(585887.7, 4132646.2,	62.0,	62.0,	9.1);	(585900.4, 4132646.2,	62.0,	62.0,	9.1);
(585913.2, 4132646.2,	62.0,	62.0,	9.1);	(585925.9, 4132646.2,	62.0,	62.0,	9.1);
(585938.6, 4132646.2,	62.0,	62.0,	9.1);	(585951.3, 4132646.2,	62.0,	62.0,	9.1);
(585964.0, 4132646.2,	61.9,	61.9,	9.1);	(585976.8, 4132646.2,	61.8,	61.8,	9.1);
(585989.5, 4132646.2,	61.5,	61.5,	9.1);	(585798.7, 4132660.9,	62.3,	62.3,	9.1);
(585811.4, 4132660.9,	62.2,	62.2,	9.1);	(585836.8, 4132660.9,	62.2,	62.2,	9.1);
(585849.6, 4132660.9,	62.1,	62.1,	9.1);	(585862.3, 4132660.9,	62.0,	62.0,	9.1);
(585875.0, 4132660.9,	62.0,	62.0,	9.1);	(585887.7, 4132660.9,	62.0,	62.0,	9.1);
(585900.4, 4132660.9,	62.0,	62.0,	9.1);	(585913.2, 4132660.9,	62.0,	62.0,	9.1);
(585925.9, 4132660.9,	62.0,	62.0,	9.1);	(585938.6, 4132660.9,	62.0,	62.0,	9.1);
(585951.3, 4132660.9,	62.0,	62.0,	9.1);	(585964.0, 4132660.9,	61.7,	61.7,	9.1);
(585976.8, 4132660.9,	61.4,	61.4,	9.1);	(585989.5, 4132660.9,	61.1,	61.1,	9.1);
(585798.7, 4132675.6,	62.1,	62.1,	9.1);	(585811.4, 4132675.6,	62.0,	62.0,	9.1);
(585836.8, 4132675.6,	62.0,	62.0,	9.1);	(585849.6, 4132675.6,	62.0,	62.0,	9.1);
(585862.3, 4132675.6,	62.0,	62.0,	9.1);	(585798.7, 4132690.3,	62.0,	62.0,	9.1);
(585811.4, 4132690.3,	62.0,	62.0,	9.1);	(585836.8, 4132690.3,	62.0,	62.0,	9.1);
(585849.6, 4132690.3,	62.0,	62.0,	9.1);	(585862.3, 4132690.3,	62.0,	62.0,	9.1);
(585875.0, 4132690.3,	62.0,	62.0,	9.1);	(585887.7, 4132690.3,	62.0,	62.0,	9.1);
(585900.4, 4132690.3,	61.8,	61.8,	9.1);	(585913.2, 4132690.3,	61.5,	61.5,	9.1);
(585925.9, 4132690.3,	61.2,	61.2,	9.1);	(585938.6, 4132690.3,	61.2,	61.2,	9.1);
(585951.3, 4132690.3,	61.2,	61.2,	9.1);	(585964.0, 4132690.3,	61.1,	61.1,	9.1);
(585976.8, 4132690.3,	61.0,	61.0,	9.1);	(585989.5, 4132690.3,	61.0,	61.0,	9.1);
(585773.2, 4132705.1,	62.0,	62.0,	9.1);	(585786.0, 4132705.1,	62.0,	62.0,	9.1);
(585798.7, 4132705.1,	62.0,	62.0,	9.1);	(585836.8, 4132705.1,	62.0,	62.0,	9.1);
(585849.6, 4132705.1,	62.0,	62.0,	9.1);	(585862.3, 4132705.1,	62.0,	62.0,	9.1);
(585875.0, 4132705.1,	61.9,	61.9,	9.1);	(585887.7, 4132705.1,	61.8,	61.8,	9.1);
(585900.4, 4132705.1,	61.5,	61.5,	9.1);	(585913.2, 4132705.1,	61.2,	61.2,	9.1);
(585925.9, 4132705.1,	61.0,	61.0,	9.1);	(585938.6, 4132705.1,	61.0,	61.0,	9.1);
(585951.3, 4132705.1,	61.0,	61.0,	9.1);	(585964.0, 4132705.1,	61.0,	61.0,	9.1);
(585976.8, 4132705.1,	61.0,	61.0,	9.1);	(585989.5, 4132705.1,	61.0,	61.0,	9.1);
(585773.2, 4132719.8,	62.0,	62.0,	9.1);	(585786.0, 4132719.8,	62.0,	62.0,	9.1);
(585798.7, 4132719.8,	62.0,	62.0,	9.1);	(585836.8, 4132719.8,	62.0,	62.0,	9.1);
(585849.6, 4132719.8,	62.0,	62.0,	9.1);	(585862.3, 4132719.8,	62.0,	62.0,	9.1);
(585875.0, 4132719.8,	61.7,	61.7,	9.1);	(585887.7, 4132719.8,	61.4,	61.4,	9.1);
(585900.4, 4132719.8,	61.2,	61.2,	9.1);	(585913.2, 4132719.8,	61.1,	61.1,	9.1);
(585925.9, 4132719.8,	61.0,	61.0,	9.1);	(585938.6, 4132719.8,	61.0,	61.0,	9.1);
(585951.3, 4132719.8,	61.0,	61.0,	9.1);	(585964.0, 4132719.8,	61.0,	61.0,	9.1);
(585976.8, 4132719.8,	61.0,	61.0,	9.1);	(585989.5, 4132719.8,	61.0,	61.0,	9.1);
(585773.2, 4132734.5,	62.0,	62.0,	9.1);	(585786.0, 4132734.5,	62.0,	62.0,	9.1);
(585798.7, 4132734.5,	62.0,	62.0,	9.1);	(585836.8, 4132734.5,	61.7,	61.7,	9.1);

Model Output

Unit Emission Rates (1 g/s)

*** AERMOD - VERSION 18081 ***
*** AERMET - VERSION 14134 ***

*** Construction HRA
*** De Anza Hotel

*** 01/04/19
*** 13:16:26
*** PAGE 69

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(585849.6, 4132734.5,	61.7,	61.7,	9.1);	(585862.3, 4132734.5,	61.7,	61.7,	9.1);
(585875.0, 4132734.5,	61.4,	61.4,	9.1);	(585887.7, 4132734.5,	61.1,	61.1,	9.1);
(585900.4, 4132734.5,	61.0,	61.0,	9.1);	(585913.2, 4132734.5,	61.0,	61.0,	9.1);
(585925.9, 4132734.5,	61.0,	61.0,	9.1);	(585938.6, 4132734.5,	61.0,	61.0,	9.1);
(585951.3, 4132734.5,	61.0,	61.0,	9.1);	(585964.0, 4132734.5,	61.0,	61.0,	9.1);
(585976.8, 4132734.5,	61.0,	61.0,	9.1);	(585989.5, 4132734.5,	60.9,	60.9,	9.1);
(586029.0, 4132717.0,	60.6,	60.6,	0.0);	(586029.6, 4132701.9,	60.9,	60.9,	0.0);
(586013.9, 4132672.4,	61.0,	61.0,	0.0);	(586016.4, 4132658.5,	61.0,	61.0,	0.0);
(586016.4, 4132644.7,	61.0,	61.0,	0.0);	(586022.1, 4132624.6,	61.3,	61.3,	0.0);
(586025.2, 4132597.5,	61.7,	61.7,	0.0);	(586027.1, 4132562.9,	62.0,	62.0,	0.0);
(586028.4, 4132554.1,	62.0,	62.0,	0.0);	(586030.2, 4132544.1,	62.0,	62.0,	0.0);
(586028.4, 4132529.0,	62.0,	62.0,	0.0);	(586029.6, 4132518.3,	62.0,	62.0,	0.0);
(586032.1, 4132508.8,	62.1,	62.1,	0.0);	(586030.9, 4132494.4,	62.3,	62.3,	0.0);
(586028.4, 4132478.0,	62.6,	62.6,	0.0);	(586008.2, 4132749.1,	60.4,	60.4,	0.0);
(586029.0, 4132717.0,	60.6,	60.6,	6.1);	(586029.6, 4132701.9,	60.9,	60.9,	6.1);
(586013.9, 4132672.4,	61.0,	61.0,	6.1);	(586016.4, 4132658.5,	61.0,	61.0,	6.1);
(586016.4, 4132644.7,	61.0,	61.0,	6.1);	(586022.1, 4132624.6,	61.3,	61.3,	6.1);
(586025.2, 4132597.5,	61.7,	61.7,	6.1);	(586027.1, 4132562.9,	62.0,	62.0,	6.1);
(586028.4, 4132554.1,	62.0,	62.0,	6.1);	(586030.2, 4132544.1,	62.0,	62.0,	6.1);
(586028.4, 4132529.0,	62.0,	62.0,	6.1);	(586029.6, 4132518.3,	62.0,	62.0,	6.1);
(586032.1, 4132508.8,	62.1,	62.1,	6.1);	(586030.9, 4132494.4,	62.3,	62.3,	6.1);
(586028.4, 4132478.0,	62.6,	62.6,	6.1);	(586008.2, 4132749.1,	60.4,	60.4,	6.1);
(586029.0, 4132717.0,	60.6,	60.6,	9.1);	(586029.6, 4132701.9,	60.9,	60.9,	9.1);
(586013.9, 4132672.4,	61.0,	61.0,	9.1);	(586016.4, 4132658.5,	61.0,	61.0,	9.1);
(586016.4, 4132644.7,	61.0,	61.0,	9.1);	(586022.1, 4132624.6,	61.3,	61.3,	9.1);
(586025.2, 4132597.5,	61.7,	61.7,	9.1);	(586027.1, 4132562.9,	62.0,	62.0,	9.1);
(586028.4, 4132554.1,	62.0,	62.0,	9.1);	(586030.2, 4132544.1,	62.0,	62.0,	9.1);
(586028.4, 4132529.0,	62.0,	62.0,	9.1);	(586029.6, 4132518.3,	62.0,	62.0,	9.1);
(586032.1, 4132508.8,	62.1,	62.1,	9.1);	(586030.9, 4132494.4,	62.3,	62.3,	9.1);
(586028.4, 4132478.0,	62.6,	62.6,	9.1);	(586008.2, 4132749.1,	60.4,	60.4,	9.1);
(586002.0, 4132796.2,	60.0,	60.0,	0.0);	(585989.4, 4132795.0,	60.0,	60.0,	0.0);
(585981.2, 4132829.6,	60.0,	60.0,	0.0);	(585980.6, 4132813.2,	60.0,	60.0,	0.0);
(585973.7, 4132794.4,	60.0,	60.0,	0.0);	(585961.1, 4132794.4,	60.0,	60.0,	0.0);
(585942.8, 4132794.4,	60.2,	60.2,	0.0);	(585929.0, 4132794.4,	60.6,	60.6,	0.0);
(585913.9, 4132794.4,	60.7,	60.7,	0.0);	(585900.1, 4132795.0,	60.7,	60.7,	0.0);
(585920.8, 4132828.9,	60.0,	60.0,	0.0);	(585921.5, 4132814.5,	60.1,	60.1,	0.0);
(586002.0, 4132796.2,	60.0,	60.0,	6.1);	(585989.4, 4132795.0,	60.0,	60.0,	6.1);
(585981.2, 4132829.6,	60.0,	60.0,	6.1);	(585980.6, 4132813.2,	60.0,	60.0,	6.1);
(585973.7, 4132794.4,	60.0,	60.0,	6.1);	(585961.1, 4132794.4,	60.0,	60.0,	6.1);
(585942.8, 4132794.4,	60.2,	60.2,	6.1);	(585929.0, 4132794.4,	60.6,	60.6,	6.1);
(585913.9, 4132794.4,	60.7,	60.7,	6.1);	(585900.1, 4132795.0,	60.7,	60.7,	6.1);
(585920.8, 4132828.9,	60.0,	60.0,	6.1);	(585921.5, 4132814.5,	60.1,	60.1,	6.1);

Model Output
Unit Emission Rates (1 g/s)

(585918.8, 4132861.8,	60.0,	60.0,	0.0);	(585934.9, 4132861.8,	60.0,	60.0,	0.0);
(585932.9, 4132881.1,	59.8,	59.8,	0.0);	(585931.0, 4132902.9,	59.1,	59.1,	0.0);
(585915.6, 4132899.0,	59.4,	59.4,	0.0);	(585898.3, 4132863.1,	60.0,	60.0,	0.0);
(585886.1, 4132863.8,	60.0,	60.0,	0.0);	(585868.8, 4132863.1,	60.0,	60.0,	0.0);
(585881.0, 4132877.2,	60.0,	60.0,	0.0);	(585879.1, 4132896.5,	60.0,	60.0,	0.0);
(585863.7, 4132897.7,	60.0,	60.0,	0.0);	(585892.5, 4132904.8,	60.0,	60.0,	0.0);
(585918.8, 4132861.8,	60.0,	60.0,	6.1);	(585934.9, 4132861.8,	60.0,	60.0,	6.1);
(585932.9, 4132881.1,	59.8,	59.8,	6.1);	(585931.0, 4132902.9,	59.1,	59.1,	6.1);
(585915.6, 4132899.0,	59.4,	59.4,	6.1);	(585898.3, 4132863.1,	60.0,	60.0,	6.1);
(585886.1, 4132863.8,	60.0,	60.0,	6.1);	(585868.8, 4132863.1,	60.0,	60.0,	6.1);
(585881.0, 4132877.2,	60.0,	60.0,	6.1);	(585879.1, 4132896.5,	60.0,	60.0,	6.1);
(585863.7, 4132897.7,	60.0,	60.0,	6.1);	(585892.5, 4132904.8,	60.0,	60.0,	6.1);
(585838.0, 4132855.4,	60.6,	60.6,	0.0);	(585822.0, 4132856.1,	60.7,	60.7,	0.0);
(585808.5, 4132854.8,	60.7,	60.7,	0.0);	(585782.2, 4132856.7,	60.9,	60.9,	0.0);
(585768.1, 4132856.1,	61.0,	61.0,	0.0);	(585753.4, 4132855.4,	61.0,	61.0,	0.0);
(585752.1, 4132874.7,	61.0,	61.0,	0.0);	(585753.4, 4132889.4,	60.6,	60.6,	0.0);
(585752.7, 4132908.6,	60.0,	60.0,	0.0);	(585791.9, 4132875.9,	60.4,	60.4,	0.0);
(585783.5, 4132888.1,	60.4,	60.4,	0.0);	(585775.8, 4132900.9,	60.2,	60.2,	0.0);
(585806.0, 4132889.4,	60.0,	60.0,	0.0);	(585820.1, 4132893.9,	60.0,	60.0,	0.0);
(585834.8, 4132901.6,	60.0,	60.0,	0.0);	(585814.3, 4132871.4,	60.2,	60.2,	0.0);
(585838.0, 4132855.4,	60.6,	60.6,	6.1);	(585822.0, 4132856.1,	60.7,	60.7,	6.1);
(585808.5, 4132854.8,	60.7,	60.7,	6.1);	(585782.2, 4132856.7,	60.9,	60.9,	6.1);
(585768.1, 4132856.1,	61.0,	61.0,	6.1);	(585753.4, 4132855.4,	61.0,	61.0,	6.1);
(585752.1, 4132874.7,	61.0,	61.0,	6.1);	(585753.4, 4132889.4,	60.6,	60.6,	6.1);
(585752.7, 4132908.6,	60.0,	60.0,	6.1);	(585791.9, 4132875.9,	60.4,	60.4,	6.1);
(585783.5, 4132888.1,	60.4,	60.4,	6.1);	(585775.8, 4132900.9,	60.2,	60.2,	6.1);
(585806.0, 4132889.4,	60.0,	60.0,	6.1);	(585820.1, 4132893.9,	60.0,	60.0,	6.1);
(585834.8, 4132901.6,	60.0,	60.0,	6.1);	(585814.3, 4132871.4,	60.2,	60.2,	6.1);
(585777.7, 4132934.3,	60.0,	60.0,	0.0);	(585753.4, 4132934.9,	60.0,	60.0,	0.0);
(585749.5, 4132949.7,	60.0,	60.0,	0.0);	(585779.0, 4132950.3,	60.0,	60.0,	0.0);
(585776.5, 4132974.1,	60.0,	60.0,	0.0);	(585748.2, 4132973.4,	60.0,	60.0,	0.0);
(585777.7, 4132934.3,	60.0,	60.0,	6.1);	(585753.4, 4132934.9,	60.0,	60.0,	6.1);
(585749.5, 4132949.7,	60.0,	60.0,	6.1);	(585779.0, 4132950.3,	60.0,	60.0,	6.1);
(585776.5, 4132974.1,	60.0,	60.0,	6.1);	(585748.2, 4132973.4,	60.0,	60.0,	6.1);
(585576.1, 4132774.0,	63.6,	63.6,	0.0);	(585586.1, 4132774.0,	63.2,	63.2,	0.0);
(585596.2, 4132774.0,	63.0,	63.0,	0.0);	(585606.2, 4132774.0,	63.0,	63.0,	0.0);
(585616.2, 4132774.0,	63.0,	63.0,	0.0);	(585626.3, 4132774.0,	63.0,	63.0,	0.0);
(585636.3, 4132774.0,	63.0,	63.0,	0.0);	(585646.4, 4132774.0,	63.0,	63.0,	0.0);
(585656.4, 4132774.0,	62.9,	62.9,	0.0);	(585666.5, 4132774.0,	62.7,	62.7,	0.0);
(585576.1, 4132784.0,	63.6,	63.6,	0.0);	(585586.1, 4132784.0,	63.2,	63.2,	0.0);
(585596.2, 4132784.0,	63.0,	63.0,	0.0);	(585606.2, 4132784.0,	63.0,	63.0,	0.0);
(585616.2, 4132784.0,	63.0,	63.0,	0.0);	(585626.3, 4132784.0,	63.0,	63.0,	0.0);
(585636.3, 4132784.0,	63.0,	63.0,	0.0);	(585646.4, 4132784.0,	63.0,	63.0,	0.0);
(585656.4, 4132784.0,	62.9,	62.9,	0.0);	(585666.5, 4132784.0,	62.6,	62.6,	0.0);
(585576.1, 4132794.0,	63.4,	63.4,	0.0);	(585586.1, 4132794.0,	63.2,	63.2,	0.0);
(585596.2, 4132794.0,	63.0,	63.0,	0.0);	(585606.2, 4132794.0,	62.9,	62.9,	0.0);
(585616.2, 4132794.0,	62.8,	62.8,	0.0);	(585626.3, 4132794.0,	62.8,	62.8,	0.0);
(585636.3, 4132794.0,	62.8,	62.8,	0.0);	(585646.4, 4132794.0,	62.8,	62.8,	0.0);

Model Output
Unit Emission Rates (1 g/s)

*** AERMOD - VERSION 18081 ***
*** AERMET - VERSION 14134 ***

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*** De Anza Hotel

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(585656.4, 4132794.0,	62.7,	62.7,	0.0);	(585666.5, 4132794.0,	62.4,	62.4,	0.0);
(585515.9, 4132824.0,	63.4,	63.4,	0.0);	(585525.9, 4132824.0,	63.2,	63.2,	0.0);
(585535.9, 4132824.0,	63.0,	63.0,	0.0);	(585546.0, 4132824.0,	63.0,	63.0,	0.0);
(585556.0, 4132824.0,	63.0,	63.0,	0.0);	(585566.1, 4132824.0,	63.0,	63.0,	0.0);
(585576.1, 4132824.0,	62.9,	62.9,	0.0);	(585586.1, 4132824.0,	62.8,	62.8,	0.0);
(585596.2, 4132824.0,	62.7,	62.7,	0.0);	(585606.2, 4132824.0,	62.4,	62.4,	0.0);
(585616.2, 4132824.0,	62.2,	62.2,	0.0);	(585626.3, 4132824.0,	62.0,	62.0,	0.0);
(585636.3, 4132824.0,	62.0,	62.0,	0.0);	(585646.4, 4132824.0,	62.0,	62.0,	0.0);
(585656.4, 4132824.0,	62.0,	62.0,	0.0);	(585515.9, 4132834.0,	63.2,	63.2,	0.0);
(585525.9, 4132834.0,	63.1,	63.1,	0.0);	(585535.9, 4132834.0,	63.0,	63.0,	0.0);
(585546.0, 4132834.0,	63.0,	63.0,	0.0);	(585556.0, 4132834.0,	63.0,	63.0,	0.0);
(585566.1, 4132834.0,	62.9,	62.9,	0.0);	(585576.1, 4132834.0,	62.8,	62.8,	0.0);
(585586.1, 4132834.0,	62.6,	62.6,	0.0);	(585596.2, 4132834.0,	62.4,	62.4,	0.0);
(585606.2, 4132834.0,	62.2,	62.2,	0.0);	(585616.2, 4132834.0,	62.1,	62.1,	0.0);
(585626.3, 4132834.0,	62.0,	62.0,	0.0);	(585636.3, 4132834.0,	62.0,	62.0,	0.0);
(585646.4, 4132834.0,	62.0,	62.0,	0.0);	(585656.4, 4132834.0,	61.9,	61.9,	0.0);
(585676.5, 4132834.0,	61.5,	61.5,	0.0);	(585686.5, 4132834.0,	61.4,	61.4,	0.0);
(585696.6, 4132834.0,	61.4,	61.4,	0.0);	(585515.9, 4132844.0,	63.0,	63.0,	0.0);
(585525.9, 4132844.0,	63.0,	63.0,	0.0);	(585535.9, 4132844.0,	63.0,	63.0,	0.0);
(585546.0, 4132844.0,	63.0,	63.0,	0.0);	(585556.0, 4132844.0,	63.0,	63.0,	0.0);
(585566.1, 4132844.0,	62.9,	62.9,	0.0);	(585576.1, 4132844.0,	62.6,	62.6,	0.0);
(585586.1, 4132844.0,	62.3,	62.3,	0.0);	(585596.2, 4132844.0,	62.1,	62.1,	0.0);
(585606.2, 4132844.0,	62.0,	62.0,	0.0);	(585616.2, 4132844.0,	62.0,	62.0,	0.0);
(585626.3, 4132844.0,	62.0,	62.0,	0.0);	(585636.3, 4132844.0,	62.0,	62.0,	0.0);
(585646.4, 4132844.0,	62.0,	62.0,	0.0);	(585656.4, 4132844.0,	61.9,	61.9,	0.0);
(585676.5, 4132844.0,	61.3,	61.3,	0.0);	(585686.5, 4132844.0,	61.1,	61.1,	0.0);
(585696.6, 4132844.0,	61.1,	61.1,	0.0);	(585515.9, 4132854.0,	63.0,	63.0,	0.0);
(585525.9, 4132854.0,	63.0,	63.0,	0.0);	(585546.0, 4132854.0,	62.9,	62.9,	0.0);
(585556.0, 4132854.0,	62.8,	62.8,	0.0);	(585566.1, 4132854.0,	62.7,	62.7,	0.0);
(585576.1, 4132854.0,	62.4,	62.4,	0.0);	(585586.1, 4132854.0,	62.2,	62.2,	0.0);
(585596.2, 4132854.0,	62.0,	62.0,	0.0);	(585606.2, 4132854.0,	62.0,	62.0,	0.0);
(585616.2, 4132854.0,	62.0,	62.0,	0.0);	(585626.3, 4132854.0,	62.0,	62.0,	0.0);
(585636.3, 4132854.0,	61.9,	61.9,	0.0);	(585646.4, 4132854.0,	61.8,	61.8,	0.0);
(585656.4, 4132854.0,	61.7,	61.7,	0.0);	(585676.5, 4132854.0,	61.2,	61.2,	0.0);
(585686.5, 4132854.0,	61.0,	61.0,	0.0);	(585696.6, 4132854.0,	61.0,	61.0,	0.0);
(585515.9, 4132864.0,	63.0,	63.0,	0.0);	(585525.9, 4132864.0,	63.0,	63.0,	0.0);
(585546.0, 4132864.0,	62.8,	62.8,	0.0);	(585556.0, 4132864.0,	62.6,	62.6,	0.0);
(585566.1, 4132864.0,	62.4,	62.4,	0.0);	(585576.1, 4132864.0,	62.2,	62.2,	0.0);
(585586.1, 4132864.0,	62.1,	62.1,	0.0);	(585636.3, 4132864.0,	61.7,	61.7,	0.0);
(585646.4, 4132864.0,	61.5,	61.5,	0.0);	(585656.4, 4132864.0,	61.4,	61.4,	0.0);
(585676.5, 4132864.0,	61.1,	61.1,	0.0);	(585686.5, 4132864.0,	61.0,	61.0,	0.0);
(585696.6, 4132864.0,	61.0,	61.0,	0.0);	(585515.9, 4132874.0,	63.0,	63.0,	0.0);

Model Output
Unit Emission Rates (1 g/s)

(585525.9, 4132874.0,	63.0,	63.0,	0.0);	(585546.0, 4132874.0,	62.6,	62.6,	0.0);
(585556.0, 4132874.0,	62.3,	62.3,	0.0);	(585566.1, 4132874.0,	62.1,	62.1,	0.0);
(585576.1, 4132874.0,	62.0,	62.0,	0.0);	(585586.1, 4132874.0,	62.0,	62.0,	0.0);
(585636.3, 4132874.0,	61.6,	61.6,	0.0);	(585646.4, 4132874.0,	61.3,	61.3,	0.0);
(585656.4, 4132874.0,	61.1,	61.1,	0.0);	(585676.5, 4132874.0,	61.0,	61.0,	0.0);
(585686.5, 4132874.0,	61.0,	61.0,	0.0);	(585696.6, 4132874.0,	61.0,	61.0,	0.0);
(585515.9, 4132884.0,	62.9,	62.9,	0.0);	(585525.9, 4132884.0,	62.8,	62.8,	0.0);
(585546.0, 4132884.0,	62.4,	62.4,	0.0);	(585556.0, 4132884.0,	62.2,	62.2,	0.0);
(585566.1, 4132884.0,	62.0,	62.0,	0.0);	(585576.1, 4132884.0,	62.0,	62.0,	0.0);
(585636.3, 4132884.0,	61.4,	61.4,	0.0);	(585646.4, 4132884.0,	61.2,	61.2,	0.0);
(585656.4, 4132884.0,	61.0,	61.0,	0.0);	(585676.5, 4132884.0,	61.0,	61.0,	0.0);
(585686.5, 4132884.0,	61.0,	61.0,	0.0);	(585696.6, 4132884.0,	61.0,	61.0,	0.0);
(585515.9, 4132894.0,	62.8,	62.8,	0.0);	(585525.9, 4132894.0,	62.6,	62.6,	0.0);
(585546.0, 4132894.0,	62.2,	62.2,	0.0);	(585556.0, 4132894.0,	62.1,	62.1,	0.0);
(585566.1, 4132894.0,	62.0,	62.0,	0.0);	(585576.1, 4132894.0,	62.0,	62.0,	0.0);
(585636.3, 4132894.0,	61.2,	61.2,	0.0);	(585646.4, 4132894.0,	61.1,	61.1,	0.0);
(585656.4, 4132894.0,	61.0,	61.0,	0.0);	(585676.5, 4132894.0,	61.0,	61.0,	0.0);
(585686.5, 4132894.0,	61.0,	61.0,	0.0);	(585696.6, 4132894.0,	61.0,	61.0,	0.0);
(585515.9, 4132904.0,	62.6,	62.6,	0.0);	(585525.9, 4132904.0,	62.3,	62.3,	0.0);
(585546.0, 4132904.0,	62.0,	62.0,	0.0);	(585556.0, 4132904.0,	62.0,	62.0,	0.0);
(585566.1, 4132904.0,	62.0,	62.0,	0.0);	(585576.1, 4132904.0,	62.0,	62.0,	0.0);
(585586.1, 4132904.0,	62.0,	62.0,	0.0);	(585596.2, 4132904.0,	61.9,	61.9,	0.0);
(585606.2, 4132904.0,	61.6,	61.6,	0.0);	(585616.2, 4132904.0,	61.3,	61.3,	0.0);
(585626.3, 4132904.0,	61.1,	61.1,	0.0);	(585636.3, 4132904.0,	61.0,	61.0,	0.0);
(585646.4, 4132904.0,	61.0,	61.0,	0.0);	(585656.4, 4132904.0,	61.0,	61.0,	0.0);
(585676.5, 4132904.0,	61.0,	61.0,	0.0);	(585686.5, 4132904.0,	61.0,	61.0,	0.0);
(585696.6, 4132904.0,	61.0,	61.0,	0.0);	(585515.9, 4132914.0,	62.4,	62.4,	0.0);
(585525.9, 4132914.0,	62.2,	62.2,	0.0);	(585546.0, 4132914.0,	62.0,	62.0,	0.0);
(585556.0, 4132914.0,	62.0,	62.0,	0.0);	(585566.1, 4132914.0,	62.0,	62.0,	0.0);
(585576.1, 4132914.0,	61.9,	61.9,	0.0);	(585586.1, 4132914.0,	61.8,	61.8,	0.0);
(585596.2, 4132914.0,	61.7,	61.7,	0.0);	(585606.2, 4132914.0,	61.4,	61.4,	0.0);
(585616.2, 4132914.0,	61.2,	61.2,	0.0);	(585626.3, 4132914.0,	61.0,	61.0,	0.0);
(585636.3, 4132914.0,	61.0,	61.0,	0.0);	(585646.4, 4132914.0,	61.0,	61.0,	0.0);
(585656.4, 4132914.0,	61.0,	61.0,	0.0);	(585676.5, 4132914.0,	61.0,	61.0,	0.0);
(585686.5, 4132914.0,	61.0,	61.0,	0.0);	(585696.6, 4132914.0,	60.9,	60.9,	0.0);
(585515.9, 4132924.0,	62.2,	62.2,	0.0);	(585525.9, 4132924.0,	62.1,	62.1,	0.0);
(585546.0, 4132924.0,	62.0,	62.0,	0.0);	(585556.0, 4132924.0,	62.0,	62.0,	0.0);
(585566.1, 4132924.0,	61.9,	61.9,	0.0);	(585576.1, 4132924.0,	61.8,	61.8,	0.0);
(585586.1, 4132924.0,	61.6,	61.6,	0.0);	(585596.2, 4132924.0,	61.4,	61.4,	0.0);
(585606.2, 4132924.0,	61.2,	61.2,	0.0);	(585616.2, 4132924.0,	61.1,	61.1,	0.0);
(585626.3, 4132924.0,	61.0,	61.0,	0.0);	(585636.3, 4132924.0,	61.0,	61.0,	0.0);
(585646.4, 4132924.0,	61.0,	61.0,	0.0);	(585656.4, 4132924.0,	61.0,	61.0,	0.0);
(585676.5, 4132924.0,	61.0,	61.0,	0.0);	(585686.5, 4132924.0,	60.9,	60.9,	0.0);
(585696.6, 4132924.0,	60.7,	60.7,	0.0);	(585515.9, 4132934.0,	62.0,	62.0,	0.0);
(585525.9, 4132934.0,	62.0,	62.0,	0.0);	(585515.9, 4132944.0,	62.0,	62.0,	0.0);
(585525.9, 4132944.0,	62.0,	62.0,	0.0);	(585546.0, 4132944.0,	61.9,	61.9,	0.0);
(585556.0, 4132944.0,	61.8,	61.8,	0.0);	(585566.1, 4132944.0,	61.7,	61.7,	0.0);
(585576.1, 4132944.0,	61.4,	61.4,	0.0);	(585586.1, 4132944.0,	61.2,	61.2,	0.0);

Model Output
Unit Emission Rates (1 g/s)

*** AERMOD - VERSION 18081 ***
*** AERMET - VERSION 14134 ***

*** Construction HRA
*** De Anza Hotel

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(585596.2, 4132944.0,	61.0,	61.0,	0.0);	(585606.2, 4132944.0,	61.0,	61.0,	0.0);
(585616.2, 4132944.0,	61.0,	61.0,	0.0);	(585626.3, 4132944.0,	61.0,	61.0,	0.0);
(585636.3, 4132944.0,	61.0,	61.0,	0.0);	(585646.4, 4132944.0,	61.0,	61.0,	0.0);
(585656.4, 4132944.0,	61.0,	61.0,	0.0);	(585666.5, 4132944.0,	60.9,	60.9,	0.0);
(585676.5, 4132944.0,	60.8,	60.8,	0.0);	(585686.5, 4132944.0,	60.7,	60.7,	0.0);
(585696.6, 4132944.0,	60.4,	60.4,	0.0);	(585515.9, 4132954.0,	62.0,	62.0,	0.0);
(585525.9, 4132954.0,	62.0,	62.0,	0.0);	(585546.0, 4132954.0,	61.8,	61.8,	0.0);
(585556.0, 4132954.0,	61.6,	61.6,	0.0);	(585566.1, 4132954.0,	61.4,	61.4,	0.0);
(585576.1, 4132954.0,	61.2,	61.2,	0.0);	(585586.1, 4132954.0,	61.1,	61.1,	0.0);
(585596.2, 4132954.0,	61.0,	61.0,	0.0);	(585606.2, 4132954.0,	61.0,	61.0,	0.0);
(585616.2, 4132954.0,	61.0,	61.0,	0.0);	(585626.3, 4132954.0,	61.0,	61.0,	0.0);
(585636.3, 4132954.0,	61.0,	61.0,	0.0);	(585646.4, 4132954.0,	61.0,	61.0,	0.0);
(585656.4, 4132954.0,	60.9,	60.9,	0.0);	(585666.5, 4132954.0,	60.7,	60.7,	0.0);
(585676.5, 4132954.0,	60.5,	60.5,	0.0);	(585686.5, 4132954.0,	60.4,	60.4,	0.0);
(585696.6, 4132954.0,	60.2,	60.2,	0.0);	(585515.9, 4132964.0,	62.0,	62.0,	0.0);
(585525.9, 4132964.0,	62.0,	62.0,	0.0);	(585546.0, 4132964.0,	61.6,	61.6,	0.0);
(585556.0, 4132964.0,	61.3,	61.3,	0.0);	(585566.1, 4132964.0,	61.1,	61.1,	0.0);
(585576.1, 4132964.0,	61.0,	61.0,	0.0);	(585586.1, 4132964.0,	61.0,	61.0,	0.0);
(585596.2, 4132964.0,	61.0,	61.0,	0.0);	(585606.2, 4132964.0,	61.0,	61.0,	0.0);
(585616.2, 4132964.0,	61.0,	61.0,	0.0);	(585626.3, 4132964.0,	61.0,	61.0,	0.0);
(585636.3, 4132964.0,	61.0,	61.0,	0.0);	(585646.4, 4132964.0,	61.0,	61.0,	0.0);
(585656.4, 4132964.0,	60.9,	60.9,	0.0);	(585666.5, 4132964.0,	60.6,	60.6,	0.0);
(585676.5, 4132964.0,	60.3,	60.3,	0.0);	(585686.5, 4132964.0,	60.1,	60.1,	0.0);
(585696.6, 4132964.0,	60.0,	60.0,	0.0);	(585576.1, 4132774.0,	63.6,	63.6,	6.1);
(585586.1, 4132774.0,	63.2,	63.2,	6.1);	(585596.2, 4132774.0,	63.0,	63.0,	6.1);
(585606.2, 4132774.0,	63.0,	63.0,	6.1);	(585616.2, 4132774.0,	63.0,	63.0,	6.1);
(585626.3, 4132774.0,	63.0,	63.0,	6.1);	(585636.3, 4132774.0,	63.0,	63.0,	6.1);
(585646.4, 4132774.0,	63.0,	63.0,	6.1);	(585656.4, 4132774.0,	62.9,	62.9,	6.1);
(585666.5, 4132774.0,	62.7,	62.7,	6.1);	(585576.1, 4132784.0,	63.6,	63.6,	6.1);
(585586.1, 4132784.0,	63.2,	63.2,	6.1);	(585596.2, 4132784.0,	63.0,	63.0,	6.1);
(585606.2, 4132784.0,	63.0,	63.0,	6.1);	(585616.2, 4132784.0,	63.0,	63.0,	6.1);
(585626.3, 4132784.0,	63.0,	63.0,	6.1);	(585636.3, 4132784.0,	63.0,	63.0,	6.1);
(585646.4, 4132784.0,	63.0,	63.0,	6.1);	(585656.4, 4132784.0,	62.9,	62.9,	6.1);
(585666.5, 4132784.0,	62.6,	62.6,	6.1);	(585576.1, 4132794.0,	63.4,	63.4,	6.1);
(585586.1, 4132794.0,	63.2,	63.2,	6.1);	(585596.2, 4132794.0,	63.0,	63.0,	6.1);
(585606.2, 4132794.0,	62.9,	62.9,	6.1);	(585616.2, 4132794.0,	62.8,	62.8,	6.1);
(585626.3, 4132794.0,	62.8,	62.8,	6.1);	(585636.3, 4132794.0,	62.8,	62.8,	6.1);
(585646.4, 4132794.0,	62.8,	62.8,	6.1);	(585656.4, 4132794.0,	62.7,	62.7,	6.1);
(585666.5, 4132794.0,	62.4,	62.4,	6.1);	(585515.9, 4132824.0,	63.4,	63.4,	6.1);
(585525.9, 4132824.0,	63.2,	63.2,	6.1);	(585535.9, 4132824.0,	63.0,	63.0,	6.1);
(585546.0, 4132824.0,	63.0,	63.0,	6.1);	(585556.0, 4132824.0,	63.0,	63.0,	6.1);
(585566.1, 4132824.0,	63.0,	63.0,	6.1);	(585576.1, 4132824.0,	62.9,	62.9,	6.1);

Model Output
Unit Emission Rates (1 g/s)

(585586.1, 4132824.0,	62.8,	62.8,	6.1);	(585596.2, 4132824.0,	62.7,	62.7,	6.1);
(585606.2, 4132824.0,	62.4,	62.4,	6.1);	(585616.2, 4132824.0,	62.2,	62.2,	6.1);
(585626.3, 4132824.0,	62.0,	62.0,	6.1);	(585636.3, 4132824.0,	62.0,	62.0,	6.1);
(585646.4, 4132824.0,	62.0,	62.0,	6.1);	(585656.4, 4132824.0,	62.0,	62.0,	6.1);
(585515.9, 4132834.0,	63.2,	63.2,	6.1);	(585525.9, 4132834.0,	63.1,	63.1,	6.1);
(585535.9, 4132834.0,	63.0,	63.0,	6.1);	(585546.0, 4132834.0,	63.0,	63.0,	6.1);
(585556.0, 4132834.0,	63.0,	63.0,	6.1);	(585566.1, 4132834.0,	62.9,	62.9,	6.1);
(585576.1, 4132834.0,	62.8,	62.8,	6.1);	(585586.1, 4132834.0,	62.6,	62.6,	6.1);
(585596.2, 4132834.0,	62.4,	62.4,	6.1);	(585606.2, 4132834.0,	62.2,	62.2,	6.1);
(585616.2, 4132834.0,	62.1,	62.1,	6.1);	(585626.3, 4132834.0,	62.0,	62.0,	6.1);
(585636.3, 4132834.0,	62.0,	62.0,	6.1);	(585646.4, 4132834.0,	62.0,	62.0,	6.1);
(585656.4, 4132834.0,	61.9,	61.9,	6.1);	(585676.5, 4132834.0,	61.5,	61.5,	6.1);
(585686.5, 4132834.0,	61.4,	61.4,	6.1);	(585696.6, 4132834.0,	61.4,	61.4,	6.1);
(585515.9, 4132844.0,	63.0,	63.0,	6.1);	(585525.9, 4132844.0,	63.0,	63.0,	6.1);
(585535.9, 4132844.0,	63.0,	63.0,	6.1);	(585546.0, 4132844.0,	63.0,	63.0,	6.1);
(585556.0, 4132844.0,	63.0,	63.0,	6.1);	(585566.1, 4132844.0,	62.9,	62.9,	6.1);
(585576.1, 4132844.0,	62.6,	62.6,	6.1);	(585586.1, 4132844.0,	62.3,	62.3,	6.1);
(585596.2, 4132844.0,	62.1,	62.1,	6.1);	(585606.2, 4132844.0,	62.0,	62.0,	6.1);
(585616.2, 4132844.0,	62.0,	62.0,	6.1);	(585626.3, 4132844.0,	62.0,	62.0,	6.1);
(585636.3, 4132844.0,	62.0,	62.0,	6.1);	(585646.4, 4132844.0,	62.0,	62.0,	6.1);
(585656.4, 4132844.0,	61.9,	61.9,	6.1);	(585676.5, 4132844.0,	61.3,	61.3,	6.1);
(585686.5, 4132844.0,	61.1,	61.1,	6.1);	(585696.6, 4132844.0,	61.1,	61.1,	6.1);
(585515.9, 4132854.0,	63.0,	63.0,	6.1);	(585525.9, 4132854.0,	63.0,	63.0,	6.1);
(585546.0, 4132854.0,	62.9,	62.9,	6.1);	(585556.0, 4132854.0,	62.8,	62.8,	6.1);
(585566.1, 4132854.0,	62.7,	62.7,	6.1);	(585576.1, 4132854.0,	62.4,	62.4,	6.1);
(585586.1, 4132854.0,	62.2,	62.2,	6.1);	(585596.2, 4132854.0,	62.0,	62.0,	6.1);
(585606.2, 4132854.0,	62.0,	62.0,	6.1);	(585616.2, 4132854.0,	62.0,	62.0,	6.1);
(585626.3, 4132854.0,	62.0,	62.0,	6.1);	(585636.3, 4132854.0,	61.9,	61.9,	6.1);
(585646.4, 4132854.0,	61.8,	61.8,	6.1);	(585656.4, 4132854.0,	61.7,	61.7,	6.1);
(585676.5, 4132854.0,	61.2,	61.2,	6.1);	(585686.5, 4132854.0,	61.0,	61.0,	6.1);
(585696.6, 4132854.0,	61.0,	61.0,	6.1);	(585515.9, 4132864.0,	63.0,	63.0,	6.1);
(585525.9, 4132864.0,	63.0,	63.0,	6.1);	(585546.0, 4132864.0,	62.8,	62.8,	6.1);
(585556.0, 4132864.0,	62.6,	62.6,	6.1);	(585566.1, 4132864.0,	62.4,	62.4,	6.1);
(585576.1, 4132864.0,	62.2,	62.2,	6.1);	(585586.1, 4132864.0,	62.1,	62.1,	6.1);
(585636.3, 4132864.0,	61.7,	61.7,	6.1);	(585646.4, 4132864.0,	61.5,	61.5,	6.1);
(585656.4, 4132864.0,	61.4,	61.4,	6.1);	(585676.5, 4132864.0,	61.1,	61.1,	6.1);
(585686.5, 4132864.0,	61.0,	61.0,	6.1);	(585696.6, 4132864.0,	61.0,	61.0,	6.1);
(585515.9, 4132874.0,	63.0,	63.0,	6.1);	(585525.9, 4132874.0,	63.0,	63.0,	6.1);
(585546.0, 4132874.0,	62.6,	62.6,	6.1);	(585556.0, 4132874.0,	62.3,	62.3,	6.1);
(585566.1, 4132874.0,	62.1,	62.1,	6.1);	(585576.1, 4132874.0,	62.0,	62.0,	6.1);
(585586.1, 4132874.0,	62.0,	62.0,	6.1);	(585636.3, 4132874.0,	61.6,	61.6,	6.1);
(585646.4, 4132874.0,	61.3,	61.3,	6.1);	(585656.4, 4132874.0,	61.1,	61.1,	6.1);
(585676.5, 4132874.0,	61.0,	61.0,	6.1);	(585686.5, 4132874.0,	61.0,	61.0,	6.1);
(585696.6, 4132874.0,	61.0,	61.0,	6.1);	(585515.9, 4132884.0,	62.9,	62.9,	6.1);
(585525.9, 4132884.0,	62.8,	62.8,	6.1);	(585546.0, 4132884.0,	62.4,	62.4,	6.1);
(585556.0, 4132884.0,	62.2,	62.2,	6.1);	(585566.1, 4132884.0,	62.0,	62.0,	6.1);
(585576.1, 4132884.0,	62.0,	62.0,	6.1);	(585636.3, 4132884.0,	61.4,	61.4,	6.1);
(585646.4, 4132884.0,	61.2,	61.2,	6.1);	(585656.4, 4132884.0,	61.0,	61.0,	6.1);

Model Output

Unit Emission Rates (1 g/s)

*** AERMOD - VERSION 18081 ***
*** AERMET - VERSION 14134 ***

*** Construction HRA
*** De Anza Hotel

*** 01/04/19
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*** MODELOPTS: RegDFAULT CONC ELEV FLGPOL URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(585676.5, 4132884.0,	61.0,	61.0,	6.1);	(585686.5, 4132884.0,	61.0,	61.0,	6.1);
(585696.6, 4132884.0,	61.0,	61.0,	6.1);	(585515.9, 4132894.0,	62.8,	62.8,	6.1);
(585525.9, 4132894.0,	62.6,	62.6,	6.1);	(585546.0, 4132894.0,	62.2,	62.2,	6.1);
(585556.0, 4132894.0,	62.1,	62.1,	6.1);	(585566.1, 4132894.0,	62.0,	62.0,	6.1);
(585576.1, 4132894.0,	62.0,	62.0,	6.1);	(585636.3, 4132894.0,	61.2,	61.2,	6.1);
(585646.4, 4132894.0,	61.1,	61.1,	6.1);	(585656.4, 4132894.0,	61.0,	61.0,	6.1);
(585676.5, 4132894.0,	61.0,	61.0,	6.1);	(585686.5, 4132894.0,	61.0,	61.0,	6.1);
(585696.6, 4132894.0,	61.0,	61.0,	6.1);	(585515.9, 4132904.0,	62.6,	62.6,	6.1);
(585525.9, 4132904.0,	62.3,	62.3,	6.1);	(585546.0, 4132904.0,	62.0,	62.0,	6.1);
(585556.0, 4132904.0,	62.0,	62.0,	6.1);	(585566.1, 4132904.0,	62.0,	62.0,	6.1);
(585576.1, 4132904.0,	62.0,	62.0,	6.1);	(585586.1, 4132904.0,	62.0,	62.0,	6.1);
(585596.2, 4132904.0,	61.9,	61.9,	6.1);	(585606.2, 4132904.0,	61.6,	61.6,	6.1);
(585616.2, 4132904.0,	61.3,	61.3,	6.1);	(585626.3, 4132904.0,	61.1,	61.1,	6.1);
(585636.3, 4132904.0,	61.0,	61.0,	6.1);	(585646.4, 4132904.0,	61.0,	61.0,	6.1);
(585656.4, 4132904.0,	61.0,	61.0,	6.1);	(585676.5, 4132904.0,	61.0,	61.0,	6.1);
(585686.5, 4132904.0,	61.0,	61.0,	6.1);	(585696.6, 4132904.0,	61.0,	61.0,	6.1);
(585515.9, 4132914.0,	62.4,	62.4,	6.1);	(585525.9, 4132914.0,	62.2,	62.2,	6.1);
(585546.0, 4132914.0,	62.0,	62.0,	6.1);	(585556.0, 4132914.0,	62.0,	62.0,	6.1);
(585566.1, 4132914.0,	62.0,	62.0,	6.1);	(585576.1, 4132914.0,	61.9,	61.9,	6.1);
(585586.1, 4132914.0,	61.8,	61.8,	6.1);	(585596.2, 4132914.0,	61.7,	61.7,	6.1);
(585606.2, 4132914.0,	61.4,	61.4,	6.1);	(585616.2, 4132914.0,	61.2,	61.2,	6.1);
(585626.3, 4132914.0,	61.0,	61.0,	6.1);	(585636.3, 4132914.0,	61.0,	61.0,	6.1);
(585646.4, 4132914.0,	61.0,	61.0,	6.1);	(585656.4, 4132914.0,	61.0,	61.0,	6.1);
(585676.5, 4132914.0,	61.0,	61.0,	6.1);	(585686.5, 4132914.0,	61.0,	61.0,	6.1);
(585696.6, 4132914.0,	60.9,	60.9,	6.1);	(585515.9, 4132924.0,	62.2,	62.2,	6.1);
(585525.9, 4132924.0,	62.1,	62.1,	6.1);	(585546.0, 4132924.0,	62.0,	62.0,	6.1);
(585556.0, 4132924.0,	62.0,	62.0,	6.1);	(585566.1, 4132924.0,	61.9,	61.9,	6.1);
(585576.1, 4132924.0,	61.8,	61.8,	6.1);	(585586.1, 4132924.0,	61.6,	61.6,	6.1);
(585596.2, 4132924.0,	61.4,	61.4,	6.1);	(585606.2, 4132924.0,	61.2,	61.2,	6.1);
(585616.2, 4132924.0,	61.1,	61.1,	6.1);	(585626.3, 4132924.0,	61.0,	61.0,	6.1);
(585636.3, 4132924.0,	61.0,	61.0,	6.1);	(585646.4, 4132924.0,	61.0,	61.0,	6.1);
(585656.4, 4132924.0,	61.0,	61.0,	6.1);	(585676.5, 4132924.0,	61.0,	61.0,	6.1);
(585686.5, 4132924.0,	60.9,	60.9,	6.1);	(585696.6, 4132924.0,	60.7,	60.7,	6.1);
(585515.9, 4132934.0,	62.0,	62.0,	6.1);	(585525.9, 4132934.0,	62.0,	62.0,	6.1);
(585515.9, 4132944.0,	62.0,	62.0,	6.1);	(585525.9, 4132944.0,	62.0,	62.0,	6.1);
(585546.0, 4132944.0,	61.9,	61.9,	6.1);	(585556.0, 4132944.0,	61.8,	61.8,	6.1);
(585566.1, 4132944.0,	61.7,	61.7,	6.1);	(585576.1, 4132944.0,	61.4,	61.4,	6.1);
(585586.1, 4132944.0,	61.2,	61.2,	6.1);	(585596.2, 4132944.0,	61.0,	61.0,	6.1);
(585606.2, 4132944.0,	61.0,	61.0,	6.1);	(585616.2, 4132944.0,	61.0,	61.0,	6.1);
(585626.3, 4132944.0,	61.0,	61.0,	6.1);	(585636.3, 4132944.0,	61.0,	61.0,	6.1);
(585646.4, 4132944.0,	61.0,	61.0,	6.1);	(585656.4, 4132944.0,	61.0,	61.0,	6.1);
(585666.5, 4132944.0,	60.9,	60.9,	6.1);	(585676.5, 4132944.0,	60.8,	60.8,	6.1);

Model Output
Unit Emission Rates (1 g/s)

(585686.5, 4132944.0,	60.7,	60.7,	6.1);	(585696.6, 4132944.0,	60.4,	60.4,	6.1);
(585515.9, 4132954.0,	62.0,	62.0,	6.1);	(585525.9, 4132954.0,	62.0,	62.0,	6.1);
(585546.0, 4132954.0,	61.8,	61.8,	6.1);	(585556.0, 4132954.0,	61.6,	61.6,	6.1);
(585566.1, 4132954.0,	61.4,	61.4,	6.1);	(585576.1, 4132954.0,	61.2,	61.2,	6.1);
(585586.1, 4132954.0,	61.1,	61.1,	6.1);	(585596.2, 4132954.0,	61.0,	61.0,	6.1);
(585606.2, 4132954.0,	61.0,	61.0,	6.1);	(585616.2, 4132954.0,	61.0,	61.0,	6.1);
(585626.3, 4132954.0,	61.0,	61.0,	6.1);	(585636.3, 4132954.0,	61.0,	61.0,	6.1);
(585646.4, 4132954.0,	61.0,	61.0,	6.1);	(585656.4, 4132954.0,	60.9,	60.9,	6.1);
(585666.5, 4132954.0,	60.7,	60.7,	6.1);	(585676.5, 4132954.0,	60.5,	60.5,	6.1);
(585686.5, 4132954.0,	60.4,	60.4,	6.1);	(585696.6, 4132954.0,	60.2,	60.2,	6.1);
(585515.9, 4132964.0,	62.0,	62.0,	6.1);	(585525.9, 4132964.0,	62.0,	62.0,	6.1);
(585546.0, 4132964.0,	61.6,	61.6,	6.1);	(585556.0, 4132964.0,	61.3,	61.3,	6.1);
(585566.1, 4132964.0,	61.1,	61.1,	6.1);	(585576.1, 4132964.0,	61.0,	61.0,	6.1);
(585586.1, 4132964.0,	61.0,	61.0,	6.1);	(585596.2, 4132964.0,	61.0,	61.0,	6.1);
(585606.2, 4132964.0,	61.0,	61.0,	6.1);	(585616.2, 4132964.0,	61.0,	61.0,	6.1);
(585626.3, 4132964.0,	61.0,	61.0,	6.1);	(585636.3, 4132964.0,	61.0,	61.0,	6.1);
(585646.4, 4132964.0,	61.0,	61.0,	6.1);	(585656.4, 4132964.0,	60.9,	60.9,	6.1);
(585666.5, 4132964.0,	60.6,	60.6,	6.1);	(585676.5, 4132964.0,	60.3,	60.3,	6.1);
(585686.5, 4132964.0,	60.1,	60.1,	6.1);	(585696.6, 4132964.0,	60.0,	60.0,	6.1);
(585477.4, 4132909.9,	63.0,	63.0,	0.0);	(585465.3, 4132911.3,	63.0,	63.0,	0.0);
(585474.0, 4132894.5,	63.0,	63.0,	0.0);	(585462.4, 4132895.4,	63.1,	63.1,	0.0);
(585474.0, 4132883.4,	63.0,	63.0,	0.0);	(585465.3, 4132882.4,	63.2,	63.2,	0.0);
(585474.5, 4132867.5,	63.3,	63.3,	0.0);	(585463.9, 4132865.5,	63.6,	63.6,	0.0);
(585475.9, 4132856.4,	63.6,	63.6,	0.0);	(585463.9, 4132855.4,	63.8,	63.8,	0.0);
(585475.4, 4132845.3,	63.9,	63.9,	0.0);	(585465.3, 4132844.3,	64.0,	64.0,	0.0);
(585474.0, 4132834.2,	64.0,	64.0,	0.0);	(585465.3, 4132835.2,	64.0,	64.0,	0.0);
(585477.8, 4132824.1,	64.0,	64.0,	0.0);	(585477.8, 4132814.9,	64.0,	64.0,	0.0);
(585476.4, 4132801.0,	64.0,	64.0,	0.0);	(585466.8, 4132799.0,	64.1,	64.1,	0.0);
(585434.0, 4132796.2,	64.8,	64.8,	0.0);	(585434.0, 4132785.6,	65.0,	65.0,	0.0);
(585425.8, 4132786.0,	65.0,	65.0,	0.0);	(585425.8, 4132797.1,	64.8,	64.8,	0.0);
(585407.0, 4132800.5,	65.0,	65.0,	0.0);	(585408.9, 4132787.0,	65.0,	65.0,	0.0);
(585396.4, 4132788.4,	65.0,	65.0,	0.0);	(585395.9, 4132800.5,	65.0,	65.0,	0.0);
(585386.8, 4132800.0,	65.0,	65.0,	0.0);	(585375.7, 4132800.0,	65.0,	65.0,	0.0);
(585375.7, 4132788.4,	65.0,	65.0,	0.0);	(585385.3, 4132789.4,	65.0,	65.0,	0.0);
(585360.2, 4132797.1,	65.0,	65.0,	0.0);	(585347.2, 4132795.7,	65.0,	65.0,	0.0);
(585347.2, 4132785.1,	65.0,	65.0,	0.0);	(585355.9, 4132786.5,	65.0,	65.0,	0.0);
(585404.1, 4132821.7,	64.9,	64.9,	0.0);	(585390.1, 4132823.6,	64.9,	64.9,	0.0);
(585402.7, 4132836.6,	64.6,	64.6,	0.0);	(585389.7, 4132837.6,	64.8,	64.8,	0.0);
(585403.6, 4132845.8,	64.3,	64.3,	0.0);	(585388.2, 4132846.3,	64.8,	64.8,	0.0);
(585445.5, 4132894.5,	63.4,	63.4,	0.0);	(585445.1, 4132906.0,	63.0,	63.0,	0.0);
(585403.6, 4132858.8,	64.2,	64.2,	0.0);	(585390.1, 4132858.8,	64.5,	64.5,	0.0);
(585477.4, 4132909.9,	63.0,	63.0,	6.1);	(585465.3, 4132911.3,	63.0,	63.0,	6.1);
(585474.0, 4132894.5,	63.0,	63.0,	6.1);	(585462.4, 4132895.4,	63.1,	63.1,	6.1);
(585474.0, 4132883.4,	63.0,	63.0,	6.1);	(585465.3, 4132882.4,	63.2,	63.2,	6.1);
(585474.5, 4132867.5,	63.3,	63.3,	6.1);	(585463.9, 4132865.5,	63.6,	63.6,	6.1);
(585475.9, 4132856.4,	63.6,	63.6,	6.1);	(585463.9, 4132855.4,	63.8,	63.8,	6.1);
(585475.4, 4132845.3,	63.9,	63.9,	6.1);	(585465.3, 4132844.3,	64.0,	64.0,	6.1);
(585474.0, 4132834.2,	64.0,	64.0,	6.1);	(585465.3, 4132835.2,	64.0,	64.0,	6.1);

Model Output Unit Emission Rates (1 g/s)

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*** AERMET - VERSION 14134 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(585477.8, 4132824.1,	64.0,	64.0,	6.1);	(585477.8, 4132814.9,	64.0,	64.0,	6.1);
(585476.4, 4132801.0,	64.0,	64.0,	6.1);	(585466.8, 4132799.0,	64.1,	64.1,	6.1);
(585434.0, 4132796.2,	64.8,	64.8,	6.1);	(585434.0, 4132785.6,	65.0,	65.0,	6.1);
(585425.8, 4132786.0,	65.0,	65.0,	6.1);	(585425.8, 4132797.1,	64.8,	64.8,	6.1);
(585407.0, 4132800.5,	65.0,	65.0,	6.1);	(585408.9, 4132787.0,	65.0,	65.0,	6.1);
(585396.4, 4132788.4,	65.0,	65.0,	6.1);	(585395.9, 4132800.5,	65.0,	65.0,	6.1);
(585386.8, 4132800.0,	65.0,	65.0,	6.1);	(585375.7, 4132800.0,	65.0,	65.0,	6.1);
(585375.7, 4132788.4,	65.0,	65.0,	6.1);	(585385.3, 4132789.4,	65.0,	65.0,	6.1);
(585360.2, 4132797.1,	65.0,	65.0,	6.1);	(585347.2, 4132795.7,	65.0,	65.0,	6.1);
(585347.2, 4132785.1,	65.0,	65.0,	6.1);	(585355.9, 4132786.5,	65.0,	65.0,	6.1);
(585404.1, 4132821.7,	64.9,	64.9,	6.1);	(585390.1, 4132823.6,	64.9,	64.9,	6.1);
(585402.7, 4132836.6,	64.6,	64.6,	6.1);	(585389.7, 4132837.6,	64.8,	64.8,	6.1);
(585403.6, 4132845.8,	64.3,	64.3,	6.1);	(585388.2, 4132846.3,	64.8,	64.8,	6.1);
(585445.5, 4132894.5,	63.4,	63.4,	6.1);	(585445.1, 4132906.0,	63.0,	63.0,	6.1);
(585403.6, 4132858.8,	64.2,	64.2,	6.1);	(585390.1, 4132858.8,	64.5,	64.5,	6.1);
(585286.4, 4132625.0,	67.0,	67.0,	0.0);	(585285.9, 4132612.2,	67.0,	67.0,	0.0);
(585286.9, 4132600.5,	67.0,	67.0,	0.0);	(585285.9, 4132583.8,	67.0,	67.0,	0.0);
(585288.4, 4132562.1,	67.1,	67.1,	0.0);	(585290.3, 4132541.0,	67.1,	67.1,	0.0);
(585289.8, 4132519.9,	67.1,	67.1,	0.0);	(585285.4, 4132504.1,	67.6,	67.6,	0.0);
(585287.4, 4132490.9,	67.9,	67.9,	0.0);	(585285.9, 4132477.6,	68.0,	68.0,	0.0);
(585286.4, 4132625.0,	67.0,	67.0,	6.1);	(585285.9, 4132612.2,	67.0,	67.0,	6.1);
(585286.9, 4132600.5,	67.0,	67.0,	6.1);	(585285.9, 4132583.8,	67.0,	67.0,	6.1);
(585288.4, 4132562.1,	67.1,	67.1,	6.1);	(585290.3, 4132541.0,	67.1,	67.1,	6.1);
(585289.8, 4132519.9,	67.1,	67.1,	6.1);	(585285.4, 4132504.1,	67.6,	67.6,	6.1);
(585287.4, 4132490.9,	67.9,	67.9,	6.1);	(585285.9, 4132477.6,	68.0,	68.0,	6.1);
(585529.2, 4132495.8,	66.0,	66.0,	6.1);	(585528.2, 4132508.6,	66.0,	66.0,	6.1);
(585529.6, 4132520.8,	65.9,	65.9,	6.1);	(585526.7, 4132536.1,	65.5,	65.5,	6.1);
(585516.9, 4132536.1,	65.7,	65.7,	6.1);	(585507.0, 4132536.6,	65.9,	65.9,	6.1);
(585487.4, 4132539.0,	66.0,	66.0,	6.1);	(585487.9, 4132528.2,	66.0,	66.0,	6.1);
(585486.9, 4132517.9,	66.0,	66.0,	6.1);	(585509.0, 4132494.3,	66.0,	66.0,	6.1);
(585496.2, 4132493.8,	66.0,	66.0,	6.1);	(585485.9, 4132493.3,	66.0,	66.0,	6.1);
(585470.7, 4132493.3,	66.0,	66.0,	6.1);	(585458.4, 4132493.8,	66.0,	66.0,	6.1);
(585446.6, 4132492.8,	66.0,	66.0,	6.1);	(585464.3, 4132537.6,	66.0,	66.0,	6.1);
(585462.8, 4132529.7,	66.0,	66.0,	6.1);	(585464.3, 4132518.4,	66.0,	66.0,	6.1);
(585444.6, 4132534.6,	66.0,	66.0,	6.1);	(585432.3, 4132535.6,	66.0,	66.0,	6.1);
(585422.0, 4132536.1,	66.0,	66.0,	6.1);	(585427.4, 4132514.0,	66.0,	66.0,	6.1);
(585427.9, 4132501.7,	66.2,	66.2,	6.1);	(585426.9, 4132490.4,	66.5,	66.5,	6.1);
(585407.3, 4132535.1,	66.1,	66.1,	6.1);	(585394.0, 4132534.6,	66.2,	66.2,	6.1);
(585381.7, 4132535.1,	66.4,	66.4,	6.1);	(585404.8, 4132511.5,	66.4,	66.4,	6.1);
(585405.8, 4132500.2,	66.7,	66.7,	6.1);	(585404.8, 4132488.4,	67.0,	67.0,	6.1);
(585386.2, 4132484.5,	67.0,	67.0,	6.1);	(585374.9, 4132484.5,	67.0,	67.0,	6.1);
(585360.1, 4132484.0,	67.0,	67.0,	6.1);	(585359.1, 4132507.1,	67.0,	67.0,	6.1);

Model Output
Unit Emission Rates (1 g/s)

(585359.6, 4132518.4,	67.0,	67.0,	6.1);	(585361.1, 4132526.8,	66.9,	66.9,	6.1);
(585529.2, 4132495.8,	66.0,	66.0,	9.1);	(585528.2, 4132508.6,	66.0,	66.0,	9.1);
(585529.6, 4132520.8,	65.9,	65.9,	9.1);	(585526.7, 4132536.1,	65.5,	65.5,	9.1);
(585516.9, 4132536.1,	65.7,	65.7,	9.1);	(585507.0, 4132536.6,	65.9,	65.9,	9.1);
(585487.4, 4132539.0,	66.0,	66.0,	9.1);	(585487.9, 4132528.2,	66.0,	66.0,	9.1);
(585486.9, 4132517.9,	66.0,	66.0,	9.1);	(585509.0, 4132494.3,	66.0,	66.0,	9.1);
(585496.2, 4132493.8,	66.0,	66.0,	9.1);	(585485.9, 4132493.3,	66.0,	66.0,	9.1);
(585470.7, 4132493.3,	66.0,	66.0,	9.1);	(585458.4, 4132493.8,	66.0,	66.0,	9.1);
(585446.6, 4132492.8,	66.0,	66.0,	9.1);	(585464.3, 4132537.6,	66.0,	66.0,	9.1);
(585462.8, 4132529.7,	66.0,	66.0,	9.1);	(585464.3, 4132518.4,	66.0,	66.0,	9.1);
(585444.6, 4132534.6,	66.0,	66.0,	9.1);	(585432.3, 4132535.6,	66.0,	66.0,	9.1);
(585422.0, 4132536.1,	66.0,	66.0,	9.1);	(585427.4, 4132514.0,	66.0,	66.0,	9.1);
(585427.9, 4132501.7,	66.2,	66.2,	9.1);	(585426.9, 4132490.4,	66.5,	66.5,	9.1);
(585407.3, 4132535.1,	66.1,	66.1,	9.1);	(585394.0, 4132534.6,	66.2,	66.2,	9.1);
(585381.7, 4132535.1,	66.4,	66.4,	9.1);	(585404.8, 4132511.5,	66.4,	66.4,	9.1);
(585405.8, 4132500.2,	66.7,	66.7,	9.1);	(585404.8, 4132488.4,	67.0,	67.0,	9.1);
(585386.2, 4132484.5,	67.0,	67.0,	9.1);	(585374.9, 4132484.5,	67.0,	67.0,	9.1);
(585360.1, 4132484.0,	67.0,	67.0,	9.1);	(585359.1, 4132507.1,	67.0,	67.0,	9.1);
(585359.6, 4132518.4,	67.0,	67.0,	9.1);	(585361.1, 4132526.8,	66.9,	66.9,	9.1);
(585677.6, 4132278.1,	66.2,	66.2,	0.0);	(585676.6, 4132299.7,	66.0,	66.0,	0.0);
(585666.8, 4132302.2,	66.1,	66.1,	0.0);	(585656.9, 4132305.6,	66.0,	66.0,	0.0);
(585643.2, 4132309.5,	66.3,	66.3,	0.0);	(585633.8, 4132310.0,	66.6,	66.6,	0.0);
(585624.0, 4132313.5,	66.8,	66.8,	0.0);	(585613.7, 4132316.9,	66.8,	66.8,	0.0);
(585610.2, 4132305.1,	67.0,	67.0,	0.0);	(585611.7, 4132294.8,	67.0,	67.0,	0.0);
(585611.2, 4132278.1,	67.0,	67.0,	0.0);	(585626.9, 4132278.1,	67.0,	67.0,	0.0);
(585624.5, 4132301.2,	67.0,	67.0,	0.0);	(585634.8, 4132297.3,	66.7,	66.7,	0.0);
(585648.6, 4132294.8,	66.5,	66.5,	0.0);	(585659.4, 4132291.8,	66.4,	66.4,	0.0);
(585667.7, 4132278.6,	66.5,	66.5,	0.0);	(585677.6, 4132278.1,	66.2,	66.2,	6.1);
(585676.6, 4132299.7,	66.0,	66.0,	6.1);	(585666.8, 4132302.2,	66.1,	66.1,	6.1);
(585656.9, 4132305.6,	66.0,	66.0,	6.1);	(585643.2, 4132309.5,	66.3,	66.3,	6.1);
(585633.8, 4132310.0,	66.6,	66.6,	6.1);	(585624.0, 4132313.5,	66.8,	66.8,	6.1);
(585613.7, 4132316.9,	66.8,	66.8,	6.1);	(585610.2, 4132305.1,	67.0,	67.0,	6.1);
(585611.7, 4132294.8,	67.0,	67.0,	6.1);	(585611.2, 4132278.1,	67.0,	67.0,	6.1);
(585626.9, 4132278.1,	67.0,	67.0,	6.1);	(585624.5, 4132301.2,	67.0,	67.0,	6.1);
(585634.8, 4132297.3,	66.7,	66.7,	6.1);	(585648.6, 4132294.8,	66.5,	66.5,	6.1);
(585659.4, 4132291.8,	66.4,	66.4,	6.1);	(585667.7, 4132278.6,	66.5,	66.5,	6.1);
(585677.6, 4132299.7,	66.0,	66.0,	9.1);	(585676.6, 4132299.7,	66.0,	66.0,	9.1);
(585666.8, 4132302.2,	66.1,	66.1,	9.1);	(585656.9, 4132305.6,	66.0,	66.0,	9.1);
(585643.2, 4132309.5,	66.3,	66.3,	9.1);	(585633.8, 4132310.0,	66.6,	66.6,	9.1);
(585624.0, 4132313.5,	66.8,	66.8,	9.1);	(585613.7, 4132316.9,	66.8,	66.8,	9.1);
(585610.2, 4132305.1,	67.0,	67.0,	9.1);	(585611.7, 4132294.8,	67.0,	67.0,	9.1);
(585611.2, 4132278.1,	67.0,	67.0,	9.1);	(585626.9, 4132278.1,	67.0,	67.0,	9.1);
(585624.5, 4132301.2,	67.0,	67.0,	9.1);	(585634.8, 4132297.3,	66.7,	66.7,	9.1);
(585648.6, 4132294.8,	66.5,	66.5,	9.1);	(585659.4, 4132291.8,	66.4,	66.4,	9.1);
(585667.7, 4132278.6,	66.5,	66.5,	9.1);				

Model Output Unit Emission Rates (1 g/s)

*** AERMOD - VERSION 18081 *** *** Construction HRA
*** AERMET - VERSION 14134 *** *** De Anza Hotel

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL URBAN

*** Message Summary : AERMOD Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 13130 Informational Message(s)

A Total of 43872 Hours Were Processed

A Total of 11611 Calm Hours Identified

A Total of 1519 Missing Hours Identified (3.46 Percent)

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

***** WARNING MESSAGES *****
*** NONE ***

*** AERMOD Finishes Successfully ***

Appendix C. Construction Risk Calculations

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**Table C1
Residential MER Concentrations for Risk Calculations**

Contaminant (a)	Source (b)		Model Output ¹ ($\mu\text{g}/\text{m}^3$) (c)	Emission Rates ² (g/s) (d)	MER Conc. ($\mu\text{g}/\text{m}^3$) (e)	Total MER Conc. Annual Average ($\mu\text{g}/\text{m}^3$) (f)
Residential Receptors - Unmitigated						
DPM	2020	On-Site Emissions	25.51	7.77E-03	1.98E-01	1.98E-01
		Truck Route	9.02	2.30E-05	2.08E-04	
	2021	On-Site Emissions	25.51	7.05E-03	1.80E-01	1.80E-01
		Truck Route	9.02	3.29E-06	2.97E-05	
	2022	On-Site Emissions	25.51	3.98E-03	1.02E-01	1.02E-01
		Truck Route	9.02	1.42E-06	1.28E-05	
			Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations			
PM _{2.5}	2020	On-Site Emissions	25.51	7.25E-03	1.85E-01	1.85E-01
		Truck Route	9.02	2.20E-05	1.98E-04	
	2021	On-Site Emissions	25.51	6.48E-03	1.65E-01	1.65E-01
		Truck Route	9.02	3.11E-06	2.80E-05	
	2022	On-Site Emissions	25.51	3.71E-03	9.47E-02	9.47E-02
		Truck Route	9.02	1.33E-06	1.20E-05	
			Maximum Annual PM_{2.5} Concentration			0.19
Residential Receptors - Mitigated Run: Level 3 DPFs for eq. > 50 HP						
DPM	2020	On-Site Emissions	25.51	1.17E-03	2.98E-02	3.00E-02
		Truck Route	9.02	2.30E-05	2.08E-04	
	2021	On-Site Emissions	25.51	1.06E-03	2.70E-02	2.70E-02
		Truck Route	9.02	3.29E-06	2.97E-05	
	2022	On-Site Emissions	25.51	6.99E-04	1.78E-02	1.78E-02
		Truck Route	9.02	1.42E-06	1.28E-05	
			Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations			
PM _{2.5}	2020	On-Site Emissions	25.51	1.09E-03	2.77E-02	2.79E-02
		Truck Route	9.02	2.20E-05	1.98E-04	
	2021	On-Site Emissions	25.51	9.73E-04	2.48E-02	2.48E-02
		Truck Route	9.02	3.11E-06	2.80E-05	
	2022	On-Site Emissions	25.51	6.59E-04	1.68E-02	1.68E-02
		Truck Route	9.02	1.33E-06	1.20E-05	
			Maximum Annual PM_{2.5} Concentration			0.03

Maximum Exposed Receptor (MER) UTM coordinates: 585747.79E, 4132572.51N

¹ Model Output at the MER based on unit emission rates for sources (1 g/s).

² Emission Rates from Emission Rate Calculations (Appendix A - Construction Emissions).

Table C2
Quantification of Health Risks for Off-site Residents

Source (a)	MER Conc. ($\mu\text{g}/\text{m}^3$) (b)	Weight Fraction (c)	Contaminant (d)	URF ($\mu\text{g}/\text{m}^3$) ⁻¹ (e)	CPF ($\text{mg}/\text{kg}/\text{day}$) ⁻¹ (f)	Dose (by age bin)		Carcinogenic Risks (by age bin)		Total Cancer Risk per million (o)	Chronic Hazards ³		
						3rd Trimester ($\text{mg}/\text{kg}/\text{day}$) (g)	0 < 2 years ($\text{mg}/\text{kg}/\text{day}$) (h)	3rd Trimester per million (k)	0 < 2 years per million (l)		Chronic REL ($\mu\text{g}/\text{m}^3$) (p)	RESP (q)	
Residential Receptors - Unmitigated													
2020	On & Off-Site	1.98E-01	1.00E+00	DPM	3.0E-04	1.1E+00	6.87E-05	2.07E-04	2.19	4.39	6.58	5.0E+00	3.97E-02
2021	On & Off-Site	1.80E-01	1.00E+00		3.0E-04	1.1E+00		1.88E-04		24.0	24.0	5.0E+00	3.60E-02
2022	On & Off-Site	1.02E-01	1.00E+00		3.0E-04	1.1E+00		1.06E-04		2.86	2.86	5.0E+00	2.03E-02
											33.4	0.10	
Residential Receptors - Mitigated Run: Level 3 DPFs for eq. > 50 HP													
2020	On & Off-Site	3.00E-02	1.00E+00	DPM	3.0E-04	1.1E+00	1.04E-05	3.13E-05	0.33	0.66	0.99	5.0E+00	6.00E-03
2021	On & Off-Site	2.70E-02	1.00E+00		3.0E-04	1.1E+00		2.82E-05		3.60	3.60	5.0E+00	5.40E-03
2022	On & Off-Site	1.78E-02	1.00E+00		3.0E-04	1.1E+00		1.86E-05		0.50	0.50	5.0E+00	3.57E-03
											5.1	0.015	

Maximum Exposed Receptor (MER) UTM coordinates: 585747.79E, 4132572.51N

	OEHHA age bin exposure year(s)	3rd Trimester 2020	0 < 2 years 2020-2022
Dose Exposure Factors:	xposure frequency (days/year)	350	350
	inhalation rate (L/kg-day) ¹	361	1090
	inhalation absorption factor	1	1
	conversion factor ($\text{mg}/\mu\text{g}$; m^3/L)	1.0E-06	1.0E-06
Risk Calculation Factors:	age sensitivity factor	10	10
	averaging time (years)	70	70
	per million	1.0E+06	1.0E+06
	fraction of time at home	0.85	0.85
	exposure durations per age bin	exposure durations (year)	
	Construction Year Risk Scalar ²	3rd Trimester	0 < 2 years
	2019	0.25	0.17
	2020		1.00
	2021		0.21
	Total	0.25	1.38

¹ Inhalation rate taken as the 95th percentile breathing rates (OEHHA, 2015).

² Risk scalar determined for each year of construction to adjust receptor exposures to the exposure durations for each construction year (see App A - Construction Emissions).

³ Chronic Hazards for DPM using the chronic reference exposure level (REL) for the Respiratory Toxicological Endpoint.