

Appendix B Health Risk Assessment and Background and Modeling Data

Appendix

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1. Health Risk Assessment

1.1 INTRODUCTION

Project Description

This Health Risk Assessment (HRA) analyzes the potential health risk impacts experienced by off-site receptors from exposure to toxic air contaminants (TAC) during project construction. The District is proposing to build a new education center and an outdoor event space with parking infrastructure and landscaping on the northeast side of the project site (approximately 5.25 acres of the 8.51-acre project site). The southwestern side of the project site (approximately 3.26 acres) would remain vacant. No known or planned development is proposed for the vacant area; however, this HRA assumes construction equipment use would utilize this vacant space during project construction. The construction of the proposed project would occur in one phase and would start in July of 2026 and end in January 2028. Construction activities would include site preparation, grading, construction, and utility trenching.

Project Receptors

The nearest air quality receptors to the project site include single-family residences approximately 100 feet from the project site to the northeast across from Valencia Avenue, worker receptors approximately 220 feet east of the project site across from the intersection of Valencia Avenue and Legacy Road and approximately 250 feet northwest of the project site, Legacy Magnet Academy students approximately 100 feet south of the project site across Legacy Road, and park receptors approximately 200 feet north of the project site across Valencia Avenue. Guidance from the California Environmental Protection Agency (CalEPA), Office of Environmental Health Hazard Assessment (OEHHA), California Air Pollution Control Officers Association (CAPCOA), and the South Coast Air Quality Management District (South Coast AQMD) was used to complete the HRA for these receptor types.

1.2 METHODOLOGY AND SIGNIFICANCE THRESHOLDS

This HRA considers the health risk impact to receptors from exposure to diesel particulate matter (DPM) generated from diesel-fueled hauling trucks and off-road construction equipment. Health risk impacts were based on conservative (i.e., health protective) assumptions. The United States Environmental Protection Agency (USEPA, 2005) and 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 do not necessarily represent actual risks experienced by populations near a site. The use of conservative assumptions tends to produce upper-bound estimates of risk and usually overestimate exposure and thus risk.

For this HRA, the South Coast AQMD 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

Potential exposures to DPM from proposed project construction and operation were evaluated for off-site receptors near the project site. Pollutant concentrations were estimated using an air dispersion model, and excess lifetime cancer risks and chronic non-cancer hazard indexes were calculated using the California Air Resources Board (CARB) Hotspots Analysis and Reporting Program (HARP). These risks were then compared to the significance thresholds used for this HRA.

1.3 CONSTRUCTION EMISSIONS

To format the emission estimates to be used in HARP, construction emissions for construction activities were calculated for total pounds of emissions and normalized for pounds per hour for working hours on-site. The hourly estimate was identified because HARP requires that an hourly emissions estimate be entered to estimate pollutant concentration and risk, and the hourly estimates were normalized across working hours because DPM does not have associated acute toxicity factors or reference exposure limit. Construction emissions were estimated consistent with the Air Quality analysis for the proposed project, using the proposed construction schedule and the latest version of California Emissions Estimation Model (CalEEMod), Version 2022.1. DPM emissions were based on the CalEEMod construction results for PM₁₀ Exhaust emissions and the proposed construction schedule.

The project-related construction emissions are based on information provided by the project applicant and CalEEMod defaults. Initial demolition is anticipated to commence in July 2026. The construction schedule shown in Table 1, *Proposed Project Construction Schedule*, reflects the schedule of construction activities anticipated by the project applicant for each import scenario. In addition, all on-site construction activities utilize CalEEMod default construction equipment mix and operating hours. The CalEEMod construction emissions output, off-model construction emissions calculations, and emission rate calculations are provided in Attachment A.

Table 1 Proposed Project Construction Schedule

Construction Activity	Start Date	End Date	Workdays
Demolition	07/08/2026	07/17/2026	8
Site Preparation	07/14/2026	08/12/2026	22
Demolition Debris Haul	07/15/2026	07/17/2026	3
Rough Grading	08/04/2026	09/15/2026	31
Utility Trenching	09/14/2026	10/12/2026	21
Building Construction	10/13/2026	01/01/2028	319
Fine Grading	03/05/2027	03/25/2027	15
Architectural Coating	05/28/2027	06/28/2027	22
Finishing/Landscaping	06/04/2027	08/13/2027	51
Paving	07/02/2027	08/25/2027	39

1.4 DISPERSION MODELING

Pollutant concentration modeling was performed using the AERMOD atmospheric dispersion model to assess the impact of emitted compounds on sensitive receptors near the project. The model is a steady state Gaussian plume model and is an approved model by the South Coast AQMD for estimating pollutant concentrations at specific locations from point and fugitive sources in simple and complex terrain. The on-site construction emissions for the project were modeled as an area source placed over the project site. The off-site truck hauling sources were modeled as line sources. The model requires additional input parameters, including chemical emission data and local meteorology. Meteorological data obtained from the South Coast AQMD for the nearest representative meteorological station's (John Wayne Airport) the latest available years with complete data (2017-2021) were used to represent local weather conditions and prevailing wind patterns.

Release Heights

The modeling analysis also considered the spatial distribution and elevation of each emitting source in relation to the analyzed 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 m was used as representative of the stack exhaust height for off-road landside construction equipment and diesel truck traffic, and an initial vertical dispersion parameter of 1.93 m was used, per CARB guidance (CARB 2000).

Variable Emissions Factor

To determine contaminant impacts during construction hours, the model's Hour-Day scalar option was invoked to predict ground-level concentrations for construction emissions generated Monday through Friday. Construction was assumed to occur between the hours of 7:00 AM and 4:00 PM with a 1-hour lunch break.

Unit Emission Rates

A unit emission rate of 1 gram per second (g/s) was used for all modeled sources for construction. The annual average and hourly plot files produced by AERMOD using sources with a 1 g/s emission rate were then utilized in the HARP calculator tool with emission rates calculated in Attachment A. The AERMOD output files are contained in Attachment B, and the HARP health risk calculation results are contained in Attachment C.

Maximum Impacted Receptors

As previously mentioned, the nearest air quality receptors to the project site include single-family residences approximately 100 feet from the project site to the northeast across from Valencia Avenue, worker receptors approximately 220 feet east of the project site across from the intersection of Valencia Avenue and Legacy Road and approximately 250 feet northwest of the project site, Legacy Magnet Academy students approximately 100 feet south of the project site across Legacy Road, and park receptors approximately 200 feet north of the project site across Valencia Avenue. These receptors were included in AERMOD as discrete cartesian receptors and labeled for receptor-specific risk calculations. The air dispersion model output for DPM and PM_{2.5} concentrations from the AERMOD 1 g/s modeling are provided in Attachment B and the HARP results are provided in Attachment C.

1.5 RISK CHARACTERIZATION

1.5.1 Carcinogenic Chemical Risk

A threshold of ten in one million (10×10^{-6}) has been established by OEHHA and is recommended by the South Coast AQMD and other air districts 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 exposure to an ambient concentration of one microgram per cubic meter ($\mu\text{g}/\text{m}^3$) over a lifetime of 70 years.

HARP has several available risk scenario selections for various receptor types for use in health risk and concentration calculations. The selections used for each receptor type affected by the proposed project are shown in Table 2, *HARP Input Selections*.

TABLE 2. HARP INPUT SELECTIONS

Input Parameter	Residential Receptors	Park Receptors	Middle School Receptors	Worker Receptors
<i>Both Project Scenarios (Truck Import Scenario & Barge Import Scenario)</i>				
Analysis Type	Cancer Risk	Cancer Risk	Cancer Risk	Cancer Risk
Receptor Type	Individual Resident	Individual Resident	Individual Resident	Worker
Exposure Duration	2 Years	2 Years	2 Years	2 Years
Start Age	3rd Trimester	3rd Trimester	Age 11	Age 16
Intake Rate Percentile	OEHHA Derived Method	OEHHA Derived Method	OEHHA Derived Method	OEHHA Derived Method
Pathways to Evaluate	Mandatory Minimum	Mandatory Minimum	Mandatory Minimum	Worker Pathways
Inhalation Pathway: Fraction of Time at Home	Applied	Not Applied	Not Applied	Not Applied
Inhalation Pathway: Adjustments for Worker and/or 8-hour Chronic Risk	Not Applied	Applied; Exposure Frequency 180 days/year	Applied; Exposure Frequency 180 days/year	Applied; Exposure Frequency 250 days/year
Inhalation Pathway: Advanced Option (Tier 2)	Applied	Applied	Applied	Applied
Soil Pathway: Advanced Option (Tier 2)	Applied	Applied	Applied	Applied
Dermal Pathway: Advanced Option (Tier 2)	Applied; Mixed Climate	Applied; Mixed Climate	Applied; Mixed Climate	Applied; Mixed Climate
Mother's Milk Pathway: Advanced Option (Tier 2)	Applied	Applied	Applied	NA

Note: NA = Not Applicable.

1.5.2 Non-Carcinogenic Hazards

An evaluation was also conducted of the potential non-cancer effects of chronic chemical exposures. 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). Target organs presented in regulatory guidance were used for each discrete chemical exposure. 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 Attachment C along with the cancer risk calculation results from HARP. The calculations contain the relevant exposure concentrations and corresponding reference dose values used in the evaluation of non-carcinogenic exposures.

1.6 CONSTRUCTION HRA RESULTS

The calculated results are provided in Attachment C and are summarized below. Table 3, *Project Risk Summary – Unmitigated Scenario*, shows the estimated cancer risk and chronic non-cancer hazard experienced by nearby receptors during construction of the proposed project.

TABLE 3. PROJECT RISK SUMMARY – UNMITIGATED SCENARIO

Receptor	Cancer Risk (per million)	Hazard Index
Residential MIR	6	<0.1
Worker MIR	<1	<0.1
Park MIR	<1	<0.1
Middle School MIR	<1	<0.1
South Coast AQMD Threshold	10	1.0
Exceeds Threshold?	No	No

Note: MIR = Maximum Impacted Receptor. Totals may not add up due to rounding.
Source: Attachment C

As shown in Table 3, cancer risk for all analyzed receptors during project construction was calculated to be less than the 10 in one million significance threshold. Additionally, the Hazard Index at all receptor locations would be well below the threshold of 1.0. As a result, construction health risk impacts would be less than significant, and no mitigation would be required.

2. References

- California Air Pollution Control Officers Association (CAPCOA). 2022. California Emissions Estimator Model (CalEEMod). Version 2022.1. Developed by: ICF in collaboration with the Sacramento Metropolitan Air Quality Management District.
- California Air Resources Board (CARB). 2000. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*.
- 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.
- South Coast AQMD (South Coast Air Quality Management District). 2017–2021. Meteorological Data Set for John Wayne Airport Meteorological Station. Accessed July 11, 2025. <http://www.aqmd.gov/home/air-quality/meteorological-data/data-for-aermod>.
- 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.

ATTACHMENT A

HEALTH RISK ASSESSMENT EMISSION CALCULATIONS

Construction Heath Risk Assessment Emission Rates

Unmitigated Construction Emission Summary (lbs/day)	On-Site	Off-Site
	PM10E	PM10E
2026-2028		
Total Construction Emissions (lbs)	184.73257	0.04097
Average Annual Construction Emissions (lbs/year)	124.77247	0.02767
Average Hourly Construction Emissions (lbs/hour)	0.05951	0.00001
Total Duration: 1.5 Years		

Note: Assumes average of 8 hours of construction (across 388 total workdays) activity per day within 1,000 feet of site. All off-site emission estimates shown account for the adjustment factor for emissions occurring within 1,000 feet of the site ($1.3 \text{ mi}/20 \text{ mi} = 0.064$ off-site adjustment factor).

Annual Onsite Emissions (Tons)														
Phase Name	Mitigation Scenario	Year	Emission Source	ROG	NOx	CO	SOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Demolition	Unmitigated	2026	Off-road Equipment	0.009147	0.0826061	12.434229	0.0001301	0.0033723		0.0033723	0.0031026		0.0031026	12.4769
Demolition	Unmitigated	2026	Demolition						0	0		0	0	
Demolition	Unmitigated	2026	Onsite Truck	2.278E-06	6.713E-05	0.0158993	1.61E-07	1.46E-07	0.001166	0.0011662	1.46E-07	0.0001166	0.0001167	0.0167578
Demolition Debris Hau	Unmitigated	2026	Demolition						6.219E-05	6.219E-05		9.418E-06	9.418E-06	
Demolition Debris Hau	Unmitigated	2026	Onsite Truck	0	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Site Preparation	Unmitigated	2026	Off-road Equipment	0.0345826	0.3207989	52.868377	5.38E-04	1.37E-02		0.0136676	1.26E-02		0.0125742	53.049808
Site Preparation	Unmitigated	2026	Dust From Material Movement						0.2162271	0.2162271		0.1111269	0.1111269	
Site Preparation	Unmitigated	2026	Onsite Truck	6.764E-06	0.000266	0.1125202	9.43E-07	1.40E-06	0.0111651	0.0111665	1.40E-06	0.0011162	0.0011176	0.1182974
Rough Grading	Unmitigated	2026	Off-road Equipment	2.55E-02	0.2320369	41.616584	4.23E-04	1.00E-02		0.0100164	9.22E-03		0.009215	41.759402
Rough Grading	Unmitigated	2026	Dust From Material Movement						0.1097801	0.1097801		0.0530834	0.0530834	
Rough Grading	Unmitigated	2026	Onsite Truck	9.25E-06	0.0003287	0.1194922	1.05E-06	1.41E-06	0.0112142	0.0112156	1.41E-06	0.0011211	0.0011225	0.1256933
Building Construction	Unmitigated	2026	Off-road Equipment	3.06E-02	0.2815431	62.135496	6.68E-04	1.08E-02		0.0108187	9.95E-03		0.0099532	62.348729
Building Construction	Unmitigated	2026	Onsite Truck	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Utility Trenching	Unmitigated	2026	Onsite Truck	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Fine Grading	Unmitigated	2027	Off-road Equipment	1.19E-02	0.1067408	20.140019	2.05E-04	4.48E-03		0.0044825	4.12E-03		0.0041239	20.209135
Fine Grading	Unmitigated	2027	Dust From Material Movement						0.0531194	0.0531194		0.0256855	0.0256855	
Fine Grading	Unmitigated	2027	Onsite Truck	4.47E-06	0.0001558	0.0567638	5.06E-07	6.81E-07	0.0054262	0.0054269	6.81E-07	0.0005425	0.0005431	0.0597574
Building Construction	Unmitigated	2027	Off-road Equipment	1.34E-01	1.2241752	283.47398	3.05E-03	4.39E-02		0.0438749	4.04E-02		0.0403649	284.44679
Building Construction	Unmitigated	2027	Onsite Truck	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Paving	Unmitigated	2027	Off-road Equipment	1.44E-02	0.1354156	26.731663	2.72E-04	5.81E-03		0.0058135	5.35E-03		0.0053484	26.823399
Paving	Unmitigated	2027	Paving	3.03E-03										
Paving	Unmitigated	2027	Onsite Truck	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Architectural Coating	Unmitigated	2027	Off-road Equipment	1.25E-03	0.0091428	1.3323295	1.90E-05	2.10E-04		0.0002095	1.93E-04		0.0001928	1.3369017
Architectural Coating	Unmitigated	2027	Architectural Coatings	1.60E-01										
Architectural Coating	Unmitigated	2027	Onsite Truck	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Finishing/Landscaping	Unmitigated	2027	Onsite Truck	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Building Construction	Unmitigated	2028	Off-road Equipment	3.54E-04	0.0031875	0.7767639	8.36E-06	1.07E-04		0.0001072	9.86E-05		9.865E-05	0.7794296
Building Construction	Unmitigated	2028	Onsite Truck	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
TOTAL								0.0923663 Tons						

Annual Offsite Emissions (tons)														
Phase Name	Mitigation Scenario	Year	Emission Source	ROG	NOx	CO	SOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Demolition	Unmitigated	2026	Worker	0.000187	0.0001605	0.4901729	0	0	0.0005521	0.0005521	0	0.0001293	0.0001293	0.4969607
Demolition	Unmitigated	2026	Vendor	1.887E-05	0.000884	0.6988122	5.467E-06	5.467E-06	0.0002058	0.0002113	5.467E-06	5.692E-05	6.239E-05	0.7299439
Demolition	Unmitigated	2026	Hauling	0	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Demolition Debris Hau	Unmitigated	2026	Worker	0	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Demolition Debris Hau	Unmitigated	2026	Vendor	0	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Demolition Debris Hau	Unmitigated	2026	Hauling	1.488E-06	0.0001285	0.0932642	6.94E-07	1.32E-06	2.688E-05	2.82E-05	1.32E-06	7.547E-06	8.87E-06	0.0979211
Site Preparation	Unmitigated	2026	Worker	0.0006	0.0005149	1.5726381	0.00E+00	0.00E+00	0.0017714	0.0017714	0.00E+00	0.0004149	0.0004149	1.5944156
Site Preparation	Unmitigated	2026	Vendor	0.0001233	0.0057734	4.5641173	3.57E-05	3.57E-05	0.0013443	0.00138	3.57E-05	0.0003718	0.0004075	4.7674462
Site Preparation	Unmitigated	2026	Hauling	0	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Rough Grading	Unmitigated	2026	Worker	0.0007247	0.0006219	1.89942	0.00E+00	0.00E+00	0.0021394	0.0021394	0.00E+00	0.0005011	0.0005011	1.9257227
Rough Grading	Unmitigated	2026	Vendor	0.0001554	0.0072789	5.7542818	4.50E-05	4.50E-05	0.0016948	0.0017398	4.50E-05	0.0004687	0.0005137	6.010632
Rough Grading	Unmitigated	2026	Hauling	0	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Fine Grading	Unmitigated	2027	Worker	0.0003055	0.000296	0.9035719	0.00E+00	0.00E+00	0.0010352	0.0010352	0.00E+00	0.0002424	0.0002424	0.9160985
Fine Grading	Unmitigated	2027	Vendor	7.519E-05	0.0033963	2.7331156	2.18E-05	2.18E-05	0.0008201	0.0008419	2.18E-05	0.0002268	0.0002486	2.8509119
Fine Grading	Unmitigated	2027	Hauling	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Building Construction	Unmitigated	2026	Worker	1.28E-03	0.0010992	3.3570776	0.00E+00	0.00E+00	0.0037813	0.0037813	0.00E+00	0.0008856	0.0008856	3.4035656
Building Construction	Unmitigated	2026	Vendor	1.24E-04	0.005814	4.5962411	3.60E-05	3.60E-05	0.0013537	0.0013897	3.60E-05	0.0003744	0.0004104	4.8010012
Building Construction	Unmitigated	2026	Hauling	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Building Construction	Unmitigated	2027	Worker	5.09E-03	0.0049323	15.058315	0.00E+00	0.00E+00	0.0172522	0.0172522	0.00E+00	0.0040405	0.0040405	15.267075
Building Construction	Unmitigated	2027	Vendor	5.66E-04	0.0255792	20.584626	1.64E-04	1.64E-04	0.0061764	0.0063404	1.64E-04	0.0017082	0.0018722	21.471817
Building Construction	Unmitigated	2027	Hauling	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Building Construction	Unmitigated	2028	Worker	1.36E-05	1.191E-05	0.040522	0.00E+00	0.00E+00	4.727E-05	4.727E-05	0.00E+00	1.107E-05	1.107E-05	0.0410877
Building Construction	Unmitigated	2028	Vendor	1.55E-06	6.709E-05	0.0550965	4.50E-07	4.50E-07	1.692E-05	1.737E-05	4.50E-07	4.68E-06	5.129E-06	0.0575215
Building Construction	Unmitigated	2028	Hauling	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Paving	Unmitigated	2027	Worker	7.94E-04	0.0007695	2.3492869	0.00E+00	0.00E+00	0.0026916	0.0026916	0.00E+00	0.0006304	0.0006304	2.381856
Paving	Unmitigated	2027	Vendor	2.30E-05	0.0010389	0.8360118	6.66E-06	6.66E-06	0.0002508	0.0002575	6.66E-06	6.937E-05	7.604E-05	0.8720437
Paving	Unmitigated	2027	Hauling	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Architectural Coating	Unmitigated	2027	Worker	8.59E-05	8.324E-05	0.2541349	0.00E+00	0.00E+00	0.0002912	0.0002912	0.00E+00	6.819E-05	6.819E-05	0.257658
Architectural Coating	Unmitigated	2027	Vendor	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Architectural Coating	Unmitigated	2027	Hauling	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Utility Trenching	Unmitigated	2026	Worker	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Utility Trenching	Unmitigated	2026	Vendor	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Utility Trenching	Unmitigated	2026	Hauling	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Finishing/Landscaping	Unmitigated	2027	Worker	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Finishing/Landscaping	Unmitigated	2027	Vendor	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
Finishing/Landscaping	Unmitigated	2027	Hauling	0.00E+00	0	0	0.00E+00	0.00E+00	0	0	0.00E+00	0	0	0
TOTAL								0.0003164	Tons					

Construction Schedule				
Phase Name	Start Date	End Date	Days Per Week	Work Days per Phase
Demolition	07/08/2026	07/17/2026	5	8
Site Preparation	07/14/2026	08/12/2026	5	22
Demolition Debris Haul	07/15/2026	07/17/2026	5	3
Rough Grading	08/04/2026	09/15/2026	5	31
Utility Trenching	09/14/2026	10/12/2026	5	21
Building Construction	10/13/2026	01/01/2028	5	319
Fine Grading	03/05/2027	03/25/2027	5	15
Architectural Coating	05/28/2027	06/28/2027	5	22
Finishing/Landscaping	06/04/2027	08/13/2027	5	51
Paving	07/02/2027	08/25/2027	5	39

Overlapping Schedule By Year and Season				
Phase Name	Start Date	End Date	Total Workdays	Number of Phases
Summer - 2026				
Demolition	7/8/2026	7/13/2026	4	1
Demolition; Site Preparation	7/14/2026	7/14/2026	1	2
Demolition; Site Preparation; Demolition Debris Haul	7/15/2026	7/17/2026	3	3
Site Preparation	7/18/2026	8/3/2026	11	1
Site Preparation; Rough Grading	8/4/2026	8/12/2026	7	2
Rough Grading	8/13/2026	9/13/2026	22	1
Rough Grading; Utility Trenching	9/14/2026	9/15/2026	2	2
Utility Trenching	9/16/2026	9/30/2026	11	1
Winter - 2026				
Utility Trenching	10/1/2026	10/12/2026	8	1
Building Construction	10/13/2026	12/31/2026	58	1
Winter - 2027				
Building Construction	1/1/2027	3/4/2027	45	1
Building Construction; Fine Grading	3/5/2027	3/25/2027	15	2
Building Construction	3/26/2027	3/31/2027	4	1
Summer - 2027				
Building Construction	4/1/2027	5/27/2027	41	1
Building Construction; Architectural Coating	5/28/2027	6/3/2027	5	2
Building Construction; Architectural Coating;	6/4/2027	6/28/2027	17	3
Building Construction; Finishing/Landscaping	6/29/2027	7/1/2027	3	2
Building Construction; Finishing/Landscaping; Paving	7/2/2027	8/13/2027	31	3
Building Construction; Paving	8/14/2027	8/25/2027	8	2
Building Construction	8/26/2027	9/30/2027	26	1
Winter - 2027				
Building Construction	10/1/2027	12/31/2027	66	1
Winter - 2028				
Building Construction	1/1/2028	1/1/2028	0	1

Note 1: Phases noted as 5 days per week are assumed to occur Monday through Friday.

Note 2: Phases noted as 6 days per week are assumed to occur Monday through Saturday.

ATTACHMENT B

HEALTH RISK ASSESSMENT DISPERSION MODELING RESULTS

Control Pathway

AERMOD

Dispersion Options

Titles Tustin District Office Project Construction Health Risk Assessment	
Dispersion Options ☐ Regulatory Default ☒ Non-Default Options	Dispersion Coefficient Urban Population: Name (Optional): Roughness Length:
☒ Flat & Elevated Terrain ☐ No Stack-Tip Downwash (NOSTD) ☐ Run in Screening Mode ☐ Conversion of NOx to NO2 (OLM or PVMRM) ☐ No Checks for Non-Sequential Met Data ☒ Fast All Sources (FASTALL) ☐ Fast Area Sources (FASTAREA) ☐ Optimized Area Source Plume Depletion ☐ Gas Deposition BETA Options: ☐ Capped and Horizontal Stack Releases ☐ Adjusted Friction Velocity (u*) in AERMET (ADJ_U*) ☐ Low Wind Options ☐ SCIM (Sampled Chronological Input Model) ☐ Ignore Urban Night / Daytime Transition (NOURBTRAN)	Output Type ☒ Concentration ☐ Total Deposition (Dry & Wet) ☐ Dry Deposition ☐ Wet Deposition Plume Depletion ☐ Dry Removal ☐ Wet Removal Output Warnings ☐ No Output Warnings ☐ Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type PM2.5 Averaging Time Options Hours ☒ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 6 ☐ 8 ☐ 12 ☐ 24 ☐ Month ☒ Period ☐ Annual	Exponential Decay ☐ Yes ☒ No Terrain Height Options ☐ Flat ☒ Elevated SO: Meters RE: Meters TG: Meters
Flagpole Receptors ☐ Yes ☒ No Default Height = 0.00 m	

Optional Files



Re-Start File



Init File



Multi-Year Analyses



Event Input File



Error Listing File

Detailed Error Listing File

Filename: TSD-21.err

Source Pathway - Source Inputs

AERMOD

Polygon Area Sources

Source Type: AREA POLY

Source: SITE (Project Site)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
18.38	4.15	0.00003	1.93	11	980190.26	3742307.89
		0.00003			980309.84	3742211.37
		0.00003			980311.07	3742203.85
		0.00003			980261.94	3742151.49
		0.00003			980214.25	3742116.64
		0.00003			980182.95	3742100.02
		0.00003			980087.84	3742066.89
		0.00003			980059.39	3742057.15
		0.00003			980031.33	3742043.51
		0.00003			980015.35	3742032.59
		0.00003			979998.98	3742052.86

Source Pathway - Source Inputs

AERMOD

Line Volume Sources

Source Type: LINE VOLUME

Source: OFF_1 (Off-Site Hauling - Tustin Rd)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
24.00	0.31820		980358.17	3741647.63	16.69	4.15
			980404.74	3741824.25	16.81	4.15
			980458.34	3741942.00	16.86	4.15
			980535.67	3742054.48	17.32	4.15
			980608.59	3742153.53	20.44	4.15
			980654.15	3742232.71	24.06	4.15

Source Type: LINE VOLUME

Source: OFF_2 (Off-Site Hauling - Valencia Ave)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
20.00	0.36220		980541.37	3742064.28	17.49	4.15
			980459.94	3742121.76	17.69	4.15
			980327.58	3742222.35	18.25	4.15
			980180.05	3742333.10	18.56	4.15
			980123.91	3742373.58	19.11	4.15
			980092.38	3742392.75	19.28	4.15
			980052.99	3742410.30	19.53	4.15
			980013.21	3742424.34	19.84	4.15
			979960.95	3742435.26	20.19	4.15
			979902.05	3742443.06	20.58	4.15

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: OFF_3 (Off-Site Hauling - Legacy Rd)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
20.00	0.31970		980033.52	3742027.24	17.78	4.15
			980078.60	3742046.47	18.15	4.15
			980147.89	3742071.01	18.52	4.15
			980198.29	3742089.90	18.24	4.15
			980241.72	3742116.09	18.21	4.15
			980279.18	3742145.93	18.50	4.15
			980315.98	3742183.73	18.15	4.15
			980359.24	3742242.61	18.42	4.15
			980400.61	3742299.21	19.01	4.15
			980420.68	3742327.76	19.03	4.15
			980432.50	3742352.60	18.82	4.15
			980464.87	3742423.59	18.32	4.15
			980473.85	3742449.34	18.44	4.15
			980485.55	3742474.30	18.36	4.15

Source Pathway - Source Inputs

AERMOD

Volume Sources Generated from Line Sources

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
OFF_3	L0000067	980042.71	3742031.17	18.22	4.15	0.00969	20.00		9.30	3.86
	L0000068	980061.11	3742039.01	18.23	4.15	0.00969	20.00		9.30	3.86
	L0000069	980079.53	3742046.80	18.13	4.15	0.00969	20.00		9.30	3.86
	L0000070	980098.38	3742053.48	18.18	4.15	0.00969	20.00		9.30	3.86
	L0000071	980117.24	3742060.15	18.27	4.15	0.00969	20.00		9.30	3.86
	L0000072	980136.09	3742066.83	18.38	4.15	0.00969	20.00		9.30	3.86
	L0000073	980154.90	3742073.63	18.43	4.15	0.00969	20.00		9.30	3.86
	L0000074	980173.62	3742080.65	18.39	4.15	0.00969	20.00		9.30	3.86
	L0000075	980192.35	3742087.68	18.34	4.15	0.00969	20.00		9.30	3.86
	L0000076	980209.98	3742096.96	18.38	4.15	0.00969	20.00		9.30	3.86
	L0000077	980227.11	3742107.28	18.35	4.15	0.00969	20.00		9.30	3.86
	L0000078	980244.02	3742117.93	18.25	4.15	0.00969	20.00		9.30	3.86
	L0000079	980259.66	3742130.39	18.43	4.15	0.00969	20.00		9.30	3.86
	L0000080	980275.31	3742142.85	18.45	4.15	0.00969	20.00		9.30	3.86
	L0000081	980289.68	3742156.71	18.38	4.15	0.00969	20.00		9.30	3.86
	L0000082	980303.63	3742171.04	18.31	4.15	0.00969	20.00		9.30	3.86
	L0000083	980317.34	3742185.58	18.18	4.15	0.00969	20.00		9.30	3.86
	L0000084	980329.18	3742201.70	18.21	4.15	0.00969	20.00		9.30	3.86
	L0000085	980341.02	3742217.81	18.24	4.15	0.00969	20.00		9.30	3.86
	L0000086	980352.87	3742233.93	18.43	4.15	0.00969	20.00		9.30	3.86
	L0000087	980364.69	3742250.06	18.46	4.15	0.00969	20.00		9.30	3.86
	L0000088	980376.49	3742266.21	18.72	4.15	0.00969	20.00		9.30	3.86
	L0000089	980388.29	3742282.35	18.81	4.15	0.00969	20.00		9.30	3.86
	L0000090	980400.09	3742298.50	18.95	4.15	0.00969	20.00		9.30	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
OFF_3	L0000091	980411.61	3742314.85	18.96	4.15	0.00969	20.00		9.30	3.86
	L0000092	980422.50	3742331.57	19.00	4.15	0.00969	20.00		9.30	3.86
	L0000093	980431.09	3742349.63	18.92	4.15	0.00969	20.00		9.30	3.86
	L0000094	980439.43	3742367.81	18.78	4.15	0.00969	20.00		9.30	3.86
	L0000095	980447.73	3742386.01	18.71	4.15	0.00969	20.00		9.30	3.86
	L0000096	980456.03	3742404.20	18.40	4.15	0.00969	20.00		9.30	3.86
	L0000097	980464.33	3742422.40	18.30	4.15	0.00969	20.00		9.30	3.86
	L0000098	980471.02	3742441.24	18.38	4.15	0.00969	20.00		9.30	3.86
	L0000099	980478.70	3742459.68	18.43	4.15	0.00969	20.00		9.30	3.86

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
OFF_2	L0000100	980533.20	3742070.05	17.45	4.15	0.00953	20.00		9.30	3.86
	L0000101	980516.86	3742081.58	17.55	4.15	0.00953	20.00		9.30	3.86
	L0000102	980500.52	3742093.11	17.56	4.15	0.00953	20.00		9.30	3.86
	L0000103	980484.18	3742104.65	17.61	4.15	0.00953	20.00		9.30	3.86
	L0000104	980467.84	3742116.18	17.72	4.15	0.00953	20.00		9.30	3.86
	L0000105	980451.72	3742128.01	17.75	4.15	0.00953	20.00		9.30	3.86
	L0000106	980435.80	3742140.11	17.97	4.15	0.00953	20.00		9.30	3.86
	L0000107	980419.87	3742152.21	17.96	4.15	0.00953	20.00		9.30	3.86
	L0000108	980403.95	3742164.31	18.15	4.15	0.00953	20.00		9.30	3.86
	L0000109	980388.03	3742176.41	18.32	4.15	0.00953	20.00		9.30	3.86
	L0000110	980372.10	3742188.51	18.23	4.15	0.00953	20.00		9.30	3.86
	L0000111	980356.18	3742200.62	18.21	4.15	0.00953	20.00		9.30	3.86
	L0000112	980340.26	3742212.72	18.19	4.15	0.00953	20.00		9.30	3.86
	L0000113	980324.32	3742224.80	18.42	4.15	0.00953	20.00		9.30	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
OFF_2	L0000114	980308.32	3742236.81	18.55	4.15	0.00953	20.00		9.30	3.86
	L0000115	980292.33	3742248.81	18.49	4.15	0.00953	20.00		9.30	3.86
	L0000116	980276.33	3742260.82	18.54	4.15	0.00953	20.00		9.30	3.86
	L0000117	980260.34	3742272.83	18.46	4.15	0.00953	20.00		9.30	3.86
	L0000118	980244.34	3742284.83	18.48	4.15	0.00953	20.00		9.30	3.86
	L0000119	980228.35	3742296.84	18.47	4.15	0.00953	20.00		9.30	3.86
	L0000120	980212.35	3742308.85	18.43	4.15	0.00953	20.00		9.30	3.86
	L0000121	980196.36	3742320.86	18.56	4.15	0.00953	20.00		9.30	3.86
	L0000122	980180.37	3742332.86	18.61	4.15	0.00953	20.00		9.30	3.86
	L0000123	980164.15	3742344.57	18.76	4.15	0.00953	20.00		9.30	3.86
	L0000124	980147.93	3742356.27	18.88	4.15	0.00953	20.00		9.30	3.86
	L0000125	980131.70	3742367.96	18.97	4.15	0.00953	20.00		9.30	3.86
	L0000126	980115.03	3742378.98	19.14	4.15	0.00953	20.00		9.30	3.86
	L0000127	980097.94	3742389.37	19.26	4.15	0.00953	20.00		9.30	3.86
	L0000128	980080.05	3742398.24	19.35	4.15	0.00953	20.00		9.30	3.86
	L0000129	980061.79	3742406.38	19.45	4.15	0.00953	20.00		9.30	3.86
	L0000130	980043.21	3742413.75	19.55	4.15	0.00953	20.00		9.30	3.86
	L0000131	980024.35	3742420.41	19.62	4.15	0.00953	20.00		9.30	3.86
	L0000132	980005.20	3742426.01	19.85	4.15	0.00953	20.00		9.30	3.86
	L0000133	979985.62	3742430.10	20.09	4.15	0.00953	20.00		9.30	3.86
	L0000134	979966.04	3742434.19	20.27	4.15	0.00953	20.00		9.30	3.86
	L0000135	979946.28	3742437.20	20.44	4.15	0.00953	20.00		9.30	3.86
	L0000136	979926.45	3742439.83	20.57	4.15	0.00953	20.00		9.30	3.86
	L0000137	979906.63	3742442.45	20.64	4.15	0.00953	20.00		9.30	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
OFF_1	L0000138	980361.23	3741659.23	16.47	4.15	0.01136	24.00		11.16	3.86
	L0000139	980367.34	3741682.44	16.40	4.15	0.01136	24.00		11.16	3.86
	L0000140	980373.46	3741705.64	16.31	4.15	0.01136	24.00		11.16	3.86
	L0000141	980379.58	3741728.85	16.26	4.15	0.01136	24.00		11.16	3.86
	L0000142	980385.70	3741752.06	16.31	4.15	0.01136	24.00		11.16	3.86
	L0000143	980391.82	3741775.26	16.46	4.15	0.01136	24.00		11.16	3.86
	L0000144	980397.94	3741798.47	16.63	4.15	0.01136	24.00		11.16	3.86
	L0000145	980404.06	3741821.68	16.82	4.15	0.01136	24.00		11.16	3.86
	L0000146	980413.58	3741843.67	16.97	4.15	0.01136	24.00		11.16	3.86
	L0000147	980423.52	3741865.51	17.07	4.15	0.01136	24.00		11.16	3.86
	L0000148	980433.47	3741887.36	17.13	4.15	0.01136	24.00		11.16	3.86
	L0000149	980443.41	3741909.20	17.04	4.15	0.01136	24.00		11.16	3.86
	L0000150	980453.35	3741931.04	16.92	4.15	0.01136	24.00		11.16	3.86
	L0000151	980465.12	3741951.86	16.79	4.15	0.01136	24.00		11.16	3.86
	L0000152	980478.71	3741971.63	16.71	4.15	0.01136	24.00		11.16	3.86
	L0000153	980492.31	3741991.41	16.77	4.15	0.01136	24.00		11.16	3.86
	L0000154	980505.91	3742011.19	16.88	4.15	0.01136	24.00		11.16	3.86
	L0000155	980519.50	3742030.97	17.08	4.15	0.01136	24.00		11.16	3.86
	L0000156	980533.10	3742050.74	17.31	4.15	0.01136	24.00		11.16	3.86
	L0000157	980547.21	3742070.16	17.66	4.15	0.01136	24.00		11.16	3.86
	L0000158	980561.44	3742089.48	18.13	4.15	0.01136	24.00		11.16	3.86
	L0000159	980575.67	3742108.81	18.69	4.15	0.01136	24.00		11.16	3.86
	L0000160	980589.90	3742128.14	19.35	4.15	0.01136	24.00		11.16	3.86
	L0000161	980604.13	3742147.46	20.20	4.15	0.01136	24.00		11.16	3.86
	L0000162	980616.80	3742167.80	21.05	4.15	0.01136	24.00		11.16	3.86

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
OFF_1	L0000163	980628.77	3742188.60	22.10	4.15	0.01136	24.00		11.16	3.86
	L0000164	980640.75	3742209.41	22.80	4.15	0.01136	24.00		11.16	3.86
	L0000165	980652.72	3742230.21	24.09	4.15	0.01136	24.00		11.16	3.86

Receptor Pathway

AERMOD

Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Discrete Receptors

Discrete Cartesian Receptors

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	979660.30	3742498.81	RES	19.96	
2	979660.30	3742518.81	RES	20.04	
3	979660.30	3742538.81	RES	20.10	
4	979660.30	3742558.81	RES	20.16	
5	979660.30	3742578.81	RES	20.25	
6	979660.30	3742598.81	RES	20.26	
7	979660.30	3742618.81	RES	20.30	
8	979660.30	3742638.81	RES	20.42	
9	979660.30	3742658.81	RES	20.49	
10	979660.30	3742678.81	RES	20.53	
11	979660.30	3742698.81	RES	20.51	
12	979660.30	3742718.81	RES	20.73	
13	979660.30	3742738.81	RES	21.08	
14	979660.30	3742758.81	RES	21.12	
15	979660.30	3742778.81	RES	21.10	
16	979680.30	3742498.81	RES	20.06	
17	979680.30	3742518.81	RES	20.14	
18	979680.30	3742538.81	RES	20.21	
19	979680.30	3742558.81	RES	20.28	
20	979680.30	3742578.81	RES	20.34	
21	979680.30	3742598.81	RES	20.33	
22	979680.30	3742618.81	RES	20.35	
23	979680.30	3742638.81	RES	20.51	
24	979680.30	3742658.81	RES	20.64	
25	979680.30	3742678.81	RES	20.73	
26	979680.30	3742698.81	RES	20.68	
27	979680.30	3742718.81	RES	20.93	
28	979680.30	3742738.81	RES	21.36	
29	979680.30	3742758.81	RES	21.30	
30	979680.30	3742778.81	RES	21.17	

Receptor Pathway

AERMOD

31	979680.30	3742798.81	RES	20.96
32	979700.30	3742498.81	RES	20.19
33	979700.30	3742518.81	RES	20.27
34	979700.30	3742538.81	RES	20.36
35	979700.30	3742558.81	RES	20.44
36	979700.30	3742578.81	RES	20.47
37	979700.30	3742598.81	RES	20.47
38	979700.30	3742618.81	RES	20.50
39	979700.30	3742638.81	RES	20.68
40	979700.30	3742658.81	RES	20.81
41	979700.30	3742678.81	RES	20.90
42	979700.30	3742698.81	RES	20.85
43	979700.30	3742718.81	RES	21.07
44	979700.30	3742738.81	RES	21.49
45	979700.30	3742758.81	RES	21.39
46	979700.30	3742778.81	RES	21.24
47	979700.30	3742798.81	RES	21.05
48	979720.30	3742498.81	RES	20.32
49	979720.30	3742518.81	RES	20.42
50	979720.30	3742538.81	RES	20.51
51	979720.30	3742558.81	RES	20.58
52	979720.30	3742578.81	RES	20.59
53	979720.30	3742598.81	RES	20.61
54	979720.30	3742618.81	RES	20.65
55	979720.30	3742638.81	RES	20.85
56	979720.30	3742658.81	RES	20.98
57	979720.30	3742678.81	RES	21.05
58	979720.30	3742698.81	RES	21.03
59	979720.30	3742718.81	RES	21.21
60	979720.30	3742738.81	RES	21.59
61	979720.30	3742758.81	RES	21.48
62	979720.30	3742778.81	RES	21.36
63	979740.30	3742478.81	RES	20.28
64	979740.30	3742498.81	RES	20.42
65	979740.30	3742518.81	RES	20.52
66	979740.30	3742538.81	RES	20.61
67	979740.30	3742558.81	RES	20.68
68	979740.30	3742578.81	RES	20.70

Receptor Pathway

AERMOD

69	979740.30	3742598.81	RES	20.74
70	979740.30	3742618.81	RES	20.80
71	979740.30	3742638.81	RES	21.00
72	979740.30	3742658.81	RES	21.11
73	979740.30	3742678.81	RES	21.15
74	979740.30	3742698.81	RES	21.19
75	979740.30	3742718.81	RES	21.35
76	979740.30	3742738.81	RES	21.67
77	979740.30	3742758.81	RES	21.55
78	979740.30	3742778.81	RES	21.39
79	979760.30	3742478.81	RES	20.37
80	979760.30	3742498.81	RES	20.44
81	979760.30	3742518.81	RES	20.54
82	979760.30	3742538.81	RES	20.64
83	979760.30	3742558.81	RES	20.74
84	979760.30	3742578.81	RES	20.80
85	979760.30	3742598.81	RES	20.87
86	979760.30	3742618.81	RES	20.96
87	979760.30	3742638.81	RES	21.15
88	979760.30	3742658.81	RES	21.25
89	979760.30	3742678.81	RES	21.25
90	979760.30	3742698.81	RES	21.33
91	979760.30	3742718.81	RES	21.49
92	979760.30	3742738.81	RES	21.72
93	979760.30	3742758.81	RES	21.61
94	979760.30	3742778.81	RES	21.46
95	979780.30	3742478.81	RES	20.44
96	979780.30	3742498.81	RES	20.50
97	979780.30	3742518.81	RES	20.56
98	979780.30	3742538.81	RES	20.66
99	979780.30	3742558.81	RES	20.77
100	979780.30	3742578.81	RES	20.84
101	979780.30	3742598.81	RES	20.96
102	979780.30	3742618.81	RES	21.13
103	979780.30	3742638.81	RES	21.32
104	979780.30	3742658.81	RES	21.40
105	979780.30	3742678.81	RES	21.35
106	979780.30	3742698.81	RES	21.44

Receptor Pathway

AERMOD

107	979780.30	3742718.81	RES	21.57
108	979780.30	3742738.81	RES	21.71
109	979780.30	3742758.81	RES	21.60
110	979780.30	3742778.81	RES	21.48
111	979800.30	3742478.81	RES	20.53
112	979800.30	3742498.81	RES	20.59
113	979800.30	3742518.81	RES	20.62
114	979800.30	3742538.81	RES	20.73
115	979800.30	3742558.81	RES	20.91
116	979800.30	3742578.81	RES	21.00
117	979800.30	3742598.81	RES	21.10
118	979800.30	3742618.81	RES	21.22
119	979800.30	3742638.81	RES	21.42
120	979800.30	3742658.81	RES	21.51
121	979800.30	3742678.81	RES	21.41
122	979800.30	3742698.81	RES	21.47
123	979800.30	3742718.81	RES	21.56
124	979800.30	3742738.81	RES	21.62
125	979800.30	3742758.81	RES	21.50
126	979800.30	3742778.81	RES	21.39
127	979820.30	3742478.81	RES	20.72
128	979820.30	3742498.81	RES	20.79
129	979820.30	3742518.81	RES	20.81
130	979820.30	3742538.81	RES	20.90
131	979820.30	3742558.81	RES	21.04
132	979820.30	3742578.81	RES	21.08
133	979820.30	3742598.81	RES	21.14
134	979820.30	3742618.81	RES	21.24
135	979820.30	3742638.81	RES	21.47
136	979820.30	3742658.81	RES	21.57
137	979820.30	3742678.81	RES	21.38
138	979820.30	3742698.81	RES	21.37
139	979820.30	3742718.81	RES	21.41
140	979820.30	3742738.81	RES	21.44
141	979820.30	3742758.81	RES	21.28
142	979820.30	3742778.81	RES	21.08
143	979840.30	3742478.81	RES	20.99
144	979840.30	3742498.81	RES	21.12

Receptor Pathway

AERMOD

145	979840.30	3742518.81	RES	21.15
146	979840.30	3742538.81	RES	21.18
147	979840.30	3742558.81	RES	21.19
148	979840.30	3742578.81	RES	21.11
149	979840.30	3742598.81	RES	21.08
150	979840.30	3742618.81	RES	21.14
151	979840.30	3742638.81	RES	21.27
152	979840.30	3742658.81	RES	21.32
153	979840.30	3742678.81	RES	21.15
154	979840.30	3742698.81	RES	21.15
155	979840.30	3742718.81	RES	21.20
156	979840.30	3742738.81	RES	21.19
157	979840.30	3742758.81	RES	21.07
158	979840.30	3742778.81	RES	20.91
159	979860.30	3742478.81	RES	21.09
160	979860.30	3742498.81	RES	21.28
161	979860.30	3742518.81	RES	21.44
162	979860.30	3742538.81	RES	21.51
163	979860.30	3742558.81	RES	21.42
164	979860.30	3742578.81	RES	21.18
165	979860.30	3742598.81	RES	20.98
166	979860.30	3742618.81	RES	20.95
167	979860.30	3742638.81	RES	20.95
168	979860.30	3742658.81	RES	20.95
169	979860.30	3742678.81	RES	20.92
170	979860.30	3742698.81	RES	20.98
171	979860.30	3742718.81	RES	21.06
172	979860.30	3742738.81	RES	21.00
173	979860.30	3742758.81	RES	20.91
174	979860.30	3742778.81	RES	20.80
175	979880.30	3742458.81	RES	20.87
176	979880.30	3742478.81	RES	21.14
177	979880.30	3742498.81	RES	21.35
178	979880.30	3742518.81	RES	21.52
179	979880.30	3742538.81	RES	21.61
180	979880.30	3742558.81	RES	21.56
181	979880.30	3742578.81	RES	21.27
182	979880.30	3742598.81	RES	21.04

Receptor Pathway

AERMOD

183	979880.30	3742618.81	RES	21.14
184	979880.30	3742638.81	RES	21.17
185	979880.30	3742658.81	RES	21.16
186	979880.30	3742678.81	RES	21.04
187	979880.30	3742698.81	RES	21.05
188	979880.30	3742718.81	RES	21.11
189	979880.30	3742738.81	RES	20.96
190	979880.30	3742758.81	RES	20.81
191	979900.30	3742458.81	RES	20.86
192	979900.30	3742478.81	RES	21.10
193	979900.30	3742498.81	RES	21.29
194	979900.30	3742518.81	RES	21.47
195	979900.30	3742538.81	RES	21.58
196	979900.30	3742558.81	RES	21.58
197	979900.30	3742578.81	RES	21.34
198	979900.30	3742598.81	RES	21.13
199	979900.30	3742618.81	RES	21.26
200	979900.30	3742638.81	RES	21.32
201	979900.30	3742658.81	RES	21.32
202	979900.30	3742678.81	RES	21.20
203	979900.30	3742698.81	RES	21.23
204	979900.30	3742718.81	RES	21.34
205	979900.30	3742738.81	RES	21.12
206	979900.30	3742758.81	RES	20.80
207	979920.30	3742458.81	RES	20.79
208	979920.30	3742478.81	RES	20.98
209	979920.30	3742498.81	RES	21.17
210	979920.30	3742518.81	RES	21.36
211	979920.30	3742538.81	RES	21.52
212	979920.30	3742558.81	RES	21.53
213	979920.30	3742578.81	RES	21.34
214	979920.30	3742598.81	RES	21.16
215	979920.30	3742618.81	RES	21.36
216	979920.30	3742638.81	RES	21.43
217	979920.30	3742658.81	RES	21.41
218	979920.30	3742678.81	RES	21.33
219	979920.30	3742698.81	RES	21.37
220	979920.30	3742718.81	RES	21.50

Receptor Pathway

AERMOD

221	979920.30	3742738.81	RES	21.21
222	979920.30	3742758.81	RES	20.94
223	979940.30	3742458.81	RES	20.69
224	979940.30	3742478.81	RES	20.87
225	979940.30	3742498.81	RES	21.09
226	979940.30	3742518.81	RES	21.34
227	979940.30	3742538.81	RES	21.51
228	979940.30	3742558.81	RES	21.42
229	979940.30	3742578.81	RES	21.26
230	979940.30	3742598.81	RES	21.12
231	979940.30	3742618.81	RES	21.38
232	979940.30	3742638.81	RES	21.47
233	979940.30	3742658.81	RES	21.42
234	979940.30	3742678.81	RES	21.39
235	979940.30	3742698.81	RES	21.43
236	979940.30	3742718.81	RES	21.54
237	979940.30	3742738.81	RES	21.21
238	979940.30	3742758.81	RES	20.96
239	979960.30	3742458.81	RES	20.56
240	979960.30	3742478.81	RES	20.73
241	979960.30	3742498.81	RES	20.96
242	979960.30	3742518.81	RES	21.20
243	979960.30	3742538.81	RES	21.38
244	979960.30	3742558.81	RES	21.25
245	979960.30	3742578.81	RES	21.11
246	979960.30	3742598.81	RES	21.00
247	979960.30	3742618.81	RES	21.29
248	979960.30	3742638.81	RES	21.40
249	979960.30	3742658.81	RES	21.34
250	979960.30	3742678.81	RES	21.35
251	979960.30	3742698.81	RES	21.38
252	979960.30	3742718.81	RES	21.45
253	979960.30	3742738.81	RES	21.12
254	979960.30	3742758.81	RES	20.84
255	979980.30	3742458.81	RES	20.41
256	979980.30	3742478.81	RES	20.57
257	979980.30	3742498.81	RES	20.78
258	979980.30	3742518.81	RES	20.98

Receptor Pathway

AERMOD

259	979980.30	3742538.81	RES	21.14
260	979980.30	3742558.81	RES	21.05
261	979980.30	3742578.81	RES	20.93
262	979980.30	3742598.81	RES	20.80
263	979980.30	3742618.81	RES	21.07
264	979980.30	3742638.81	RES	21.17
265	979980.30	3742658.81	RES	21.11
266	979980.30	3742678.81	RES	21.15
267	979980.30	3742698.81	RES	21.21
268	979980.30	3742718.81	RES	21.27
269	979980.30	3742738.81	RES	20.91
270	979980.30	3742758.81	RES	20.58
271	980000.30	3742458.81	RES	20.18
272	980000.30	3742478.81	RES	20.34
273	980000.30	3742498.81	RES	20.51
274	980000.30	3742518.81	RES	20.69
275	980000.30	3742538.81	RES	20.86
276	980000.30	3742558.81	RES	20.80
277	980000.30	3742578.81	RES	20.71
278	980000.30	3742598.81	RES	20.61
279	980000.30	3742618.81	RES	20.84
280	980000.30	3742638.81	RES	20.89
281	980000.30	3742658.81	RES	20.70
282	980000.30	3742678.81	RES	20.78
283	980000.30	3742698.81	RES	20.88
284	980000.30	3742718.81	RES	20.97
285	980000.30	3742738.81	RES	20.73
286	980000.30	3742758.81	RES	20.49
287	980020.30	3742518.81	RES	20.33
288	980020.30	3742538.81	RES	20.52
289	980020.30	3742558.81	RES	20.48
290	980020.30	3742578.81	RES	20.43
291	980020.30	3742598.81	RES	20.40
292	980020.30	3742618.81	RES	20.58
293	980020.30	3742638.81	RES	20.61
294	980020.30	3742658.81	RES	20.38
295	980020.30	3742678.81	RES	20.49
296	980020.30	3742698.81	RES	20.65

Receptor Pathway

AERMOD

297	980020.30	3742718.81	RES	20.75
298	980020.30	3742738.81	RES	20.61
299	980020.30	3742758.81	RES	20.47
300	980040.30	3742638.81	RES	20.36
301	980040.30	3742658.81	RES	20.23
302	980040.30	3742678.81	RES	20.34
303	980040.30	3742698.81	RES	20.47
304	980040.30	3742718.81	RES	20.54
305	980040.30	3742738.81	RES	20.47
306	980047.32	3742438.94	RES	19.50
307	980047.32	3742458.94	RES	19.54
308	980047.32	3742478.94	RES	19.63
309	980047.32	3742498.94	RES	19.73
310	980047.32	3742518.94	RES	19.83
311	980047.32	3742538.94	RES	19.93
312	980067.32	3742418.94	RES	19.54
313	980067.32	3742438.94	RES	19.61
314	980067.32	3742458.94	RES	19.66
315	980067.32	3742478.94	RES	19.67
316	980067.32	3742498.94	RES	19.74
317	980067.32	3742518.94	RES	19.80
318	980067.32	3742538.94	RES	19.83
319	980067.32	3742558.94	RES	19.82
320	980067.32	3742578.94	RES	19.83
321	980087.32	3742418.94	RES	19.57
322	980087.32	3742438.94	RES	19.76
323	980087.32	3742458.94	RES	19.86
324	980087.32	3742478.94	RES	19.84
325	980087.32	3742498.94	RES	19.90
326	980087.32	3742518.94	RES	19.93
327	980087.32	3742538.94	RES	19.90
328	980087.32	3742558.94	RES	19.87
329	980087.32	3742578.94	RES	19.87
330	980107.32	3742398.94	RES	19.38
331	980107.32	3742418.94	RES	19.62
332	980107.32	3742438.94	RES	19.87
333	980107.32	3742458.94	RES	20.01
334	980107.32	3742478.94	RES	20.03

Receptor Pathway

AERMOD

335	980107.32	3742498.94	RES	20.07
336	980107.32	3742518.94	RES	20.08
337	980107.32	3742538.94	RES	20.05
338	980107.32	3742558.94	RES	20.01
339	980107.32	3742578.94	RES	19.98
340	980127.32	3742398.94	RES	19.43
341	980127.32	3742418.94	RES	19.68
342	980127.32	3742438.94	RES	19.89
343	980127.32	3742458.94	RES	20.05
344	980127.32	3742478.94	RES	20.16
345	980127.32	3742498.94	RES	20.20
346	980127.32	3742518.94	RES	20.21
347	980127.32	3742538.94	RES	20.20
348	980127.32	3742558.94	RES	20.17
349	980127.32	3742578.94	RES	20.15
350	980127.32	3742598.94	RES	20.14
351	980147.32	3742378.94	RES	19.27
352	980147.32	3742398.94	RES	19.54
353	980147.32	3742418.94	RES	19.69
354	980147.32	3742438.94	RES	19.83
355	980147.32	3742458.94	RES	19.97
356	980147.32	3742478.94	RES	20.13
357	980147.32	3742498.94	RES	20.24
358	980147.32	3742518.94	RES	20.31
359	980147.32	3742538.94	RES	20.30
360	980147.32	3742558.94	RES	20.31
361	980147.32	3742578.94	RES	20.32
362	980147.32	3742598.94	RES	20.34
363	980147.32	3742618.94	RES	20.43
364	980167.32	3742378.94	RES	19.31
365	980167.32	3742398.94	RES	19.53
366	980167.32	3742418.94	RES	19.73
367	980167.32	3742438.94	RES	19.87
368	980167.32	3742458.94	RES	20.01
369	980167.32	3742478.94	RES	20.19
370	980167.32	3742498.94	RES	20.29
371	980167.32	3742518.94	RES	20.33
372	980167.32	3742538.94	RES	20.36

Receptor Pathway

AERMOD

373	980167.32	3742558.94	RES	20.34
374	980167.32	3742578.94	RES	20.29
375	980167.32	3742598.94	RES	20.31
376	980167.32	3742618.94	RES	20.43
377	980167.32	3742638.94	RES	20.62
378	980167.32	3742658.94	RES	20.80
379	980187.32	3742358.94	RES	19.11
380	980187.32	3742378.94	RES	19.26
381	980187.32	3742398.94	RES	19.43
382	980187.32	3742418.94	RES	19.67
383	980187.32	3742438.94	RES	19.85
384	980187.32	3742458.94	RES	20.02
385	980187.32	3742478.94	RES	20.17
386	980187.32	3742498.94	RES	20.22
387	980187.32	3742518.94	RES	20.22
388	980187.32	3742538.94	RES	20.25
389	980187.32	3742558.94	RES	20.29
390	980187.32	3742578.94	RES	20.36
391	980187.32	3742598.94	RES	20.44
392	980187.32	3742618.94	RES	20.61
393	980187.32	3742638.94	RES	20.86
394	980187.32	3742658.94	RES	20.93
395	980187.32	3742678.94	RES	20.90
396	980207.32	3742338.94	RES	18.87
397	980207.32	3742358.94	RES	19.03
398	980207.32	3742378.94	RES	19.15
399	980207.32	3742398.94	RES	19.30
400	980207.32	3742418.94	RES	19.53
401	980207.32	3742438.94	RES	19.78
402	980207.32	3742458.94	RES	20.00
403	980207.32	3742478.94	RES	20.08
404	980207.32	3742498.94	RES	20.10
405	980207.32	3742518.94	RES	20.08
406	980207.32	3742538.94	RES	20.10
407	980207.32	3742558.94	RES	20.20
408	980207.32	3742578.94	RES	20.37
409	980207.32	3742598.94	RES	20.58
410	980207.32	3742618.94	RES	20.79

Receptor Pathway

AERMOD

411	980207.32	3742638.94	RES	20.97
412	980207.32	3742658.94	RES	20.92
413	980207.32	3742678.94	RES	20.88
414	980207.32	3742698.94	RES	20.93
415	980227.32	3742338.94	RES	18.91
416	980227.32	3742358.94	RES	18.95
417	980227.32	3742378.94	RES	19.13
418	980227.32	3742398.94	RES	19.35
419	980227.32	3742418.94	RES	19.53
420	980227.32	3742438.94	RES	19.76
421	980227.32	3742458.94	RES	19.98
422	980227.32	3742478.94	RES	19.98
423	980227.32	3742498.94	RES	19.98
424	980227.32	3742518.94	RES	19.97
425	980227.32	3742538.94	RES	19.99
426	980227.32	3742558.94	RES	20.12
427	980227.32	3742578.94	RES	20.36
428	980227.32	3742598.94	RES	20.66
429	980227.32	3742618.94	RES	20.88
430	980227.32	3742638.94	RES	20.96
431	980227.32	3742658.94	RES	20.89
432	980227.32	3742678.94	RES	20.88
433	980227.32	3742698.94	RES	21.04
434	980227.32	3742718.94	RES	21.12
435	980227.32	3742738.94	RES	21.20
436	980247.32	3742318.94	RES	18.81
437	980247.32	3742338.94	RES	18.91
438	980247.32	3742358.94	RES	19.02
439	980247.32	3742378.94	RES	19.18
440	980247.32	3742398.94	RES	19.35
441	980247.32	3742418.94	RES	19.55
442	980247.32	3742438.94	RES	19.78
443	980247.32	3742458.94	RES	19.99
444	980247.32	3742478.94	RES	19.99
445	980247.32	3742498.94	RES	19.95
446	980247.32	3742518.94	RES	19.89
447	980247.32	3742538.94	RES	19.98
448	980247.32	3742558.94	RES	20.15

Receptor Pathway

AERMOD

449	980247.32	3742578.94	RES	20.42
450	980247.32	3742598.94	RES	20.65
451	980247.32	3742618.94	RES	20.79
452	980247.32	3742638.94	RES	20.82
453	980247.32	3742658.94	RES	20.84
454	980247.32	3742678.94	RES	20.90
455	980247.32	3742698.94	RES	21.03
456	980247.32	3742718.94	RES	21.14
457	980247.32	3742738.94	RES	21.26
458	980247.32	3742758.94	RES	21.37
459	980267.32	3742298.94	RES	18.83
460	980267.32	3742318.94	RES	18.86
461	980267.32	3742338.94	RES	18.88
462	980267.32	3742358.94	RES	19.08
463	980267.32	3742378.94	RES	19.23
464	980267.32	3742398.94	RES	19.36
465	980267.32	3742418.94	RES	19.54
466	980267.32	3742438.94	RES	19.74
467	980267.32	3742458.94	RES	19.93
468	980267.32	3742478.94	RES	19.93
469	980267.32	3742498.94	RES	19.92
470	980267.32	3742518.94	RES	19.90
471	980267.32	3742538.94	RES	20.00
472	980267.32	3742558.94	RES	20.16
473	980267.32	3742578.94	RES	20.41
474	980267.32	3742598.94	RES	20.50
475	980267.32	3742618.94	RES	20.55
476	980267.32	3742638.94	RES	20.57
477	980267.32	3742658.94	RES	20.74
478	980267.32	3742678.94	RES	20.91
479	980267.32	3742698.94	RES	20.90
480	980267.32	3742718.94	RES	21.07
481	980267.32	3742738.94	RES	21.30
482	980267.32	3742758.94	RES	21.49
483	980267.32	3742778.94	RES	21.48
484	980287.32	3742278.94	RES	18.85
485	980287.32	3742298.94	RES	18.91
486	980287.32	3742318.94	RES	18.89

Receptor Pathway

AERMOD

487	980287.32	3742338.94	RES	18.90
488	980287.32	3742358.94	RES	19.08
489	980287.32	3742378.94	RES	19.24
490	980287.32	3742398.94	RES	19.39
491	980287.32	3742418.94	RES	19.53
492	980287.32	3742438.94	RES	19.66
493	980287.32	3742458.94	RES	19.80
494	980287.32	3742478.94	RES	19.82
495	980287.32	3742498.94	RES	19.86
496	980287.32	3742518.94	RES	19.93
497	980287.32	3742538.94	RES	20.05
498	980287.32	3742558.94	RES	20.20
499	980287.32	3742578.94	RES	20.37
500	980287.32	3742598.94	RES	20.34
501	980287.32	3742618.94	RES	20.31
502	980287.32	3742638.94	RES	20.49
503	980287.32	3742658.94	RES	20.68
504	980287.32	3742678.94	RES	20.85
505	980287.32	3742698.94	RES	20.92
506	980287.32	3742718.94	RES	21.01
507	980287.32	3742738.94	RES	21.11
508	980287.32	3742758.94	RES	21.29
509	980287.32	3742778.94	RES	21.26
510	980307.32	3742278.94	RES	18.95
511	980307.32	3742298.94	RES	19.01
512	980307.32	3742318.94	RES	19.09
513	980307.32	3742338.94	RES	19.19
514	980307.32	3742358.94	RES	19.13
515	980307.32	3742378.94	RES	19.22
516	980307.32	3742398.94	RES	19.42
517	980307.32	3742418.94	RES	19.52
518	980307.32	3742438.94	RES	19.60
519	980307.32	3742458.94	RES	19.64
520	980307.32	3742478.94	RES	19.69
521	980307.32	3742498.94	RES	19.79
522	980307.32	3742518.94	RES	19.96
523	980307.32	3742538.94	RES	20.12
524	980307.32	3742558.94	RES	20.24

Receptor Pathway

AERMOD

525	980307.32	3742578.94	RES	20.31
526	980307.32	3742598.94	RES	20.25
527	980307.32	3742618.94	RES	20.24
528	980307.32	3742638.94	RES	20.49
529	980307.32	3742658.94	RES	20.66
530	980307.32	3742678.94	RES	20.78
531	980307.32	3742698.94	RES	20.92
532	980307.32	3742718.94	RES	21.01
533	980307.32	3742738.94	RES	21.04
534	980307.32	3742758.94	RES	21.02
535	980307.32	3742778.94	RES	20.96
536	980327.32	3742258.94	RES	18.84
537	980327.32	3742278.94	RES	19.00
538	980327.32	3742298.94	RES	19.09
539	980327.32	3742318.94	RES	19.20
540	980327.32	3742338.94	RES	19.30
541	980327.32	3742358.94	RES	19.30
542	980327.32	3742378.94	RES	19.33
543	980327.32	3742398.94	RES	19.36
544	980327.32	3742418.94	RES	19.43
545	980327.32	3742438.94	RES	19.51
546	980327.32	3742458.94	RES	19.60
547	980327.32	3742478.94	RES	19.68
548	980327.32	3742498.94	RES	19.81
549	980327.32	3742518.94	RES	20.06
550	980327.32	3742538.94	RES	20.20
551	980327.32	3742558.94	RES	20.27
552	980327.32	3742578.94	RES	20.22
553	980327.32	3742598.94	RES	20.24
554	980327.32	3742618.94	RES	20.32
555	980327.32	3742638.94	RES	20.50
556	980327.32	3742658.94	RES	20.64
557	980327.32	3742678.94	RES	20.75
558	980327.32	3742698.94	RES	20.88
559	980327.32	3742718.94	RES	20.94
560	980327.32	3742738.94	RES	20.92
561	980327.32	3742758.94	RES	20.82
562	980347.32	3742258.94	RES	18.77

Receptor Pathway

AERMOD

563	980347.32	3742278.94	RES	19.00
564	980347.32	3742298.94	RES	19.17
565	980347.32	3742318.94	RES	19.29
566	980347.32	3742338.94	RES	19.35
567	980347.32	3742358.94	RES	19.42
568	980347.32	3742378.94	RES	19.44
569	980347.32	3742398.94	RES	19.40
570	980347.32	3742418.94	RES	19.35
571	980347.32	3742438.94	RES	19.35
572	980347.32	3742458.94	RES	19.47
573	980347.32	3742478.94	RES	19.60
574	980347.32	3742498.94	RES	19.77
575	980347.32	3742518.94	RES	19.99
576	980347.32	3742538.94	RES	20.11
577	980347.32	3742558.94	RES	20.16
578	980347.32	3742578.94	RES	20.10
579	980347.32	3742598.94	RES	20.18
580	980347.32	3742618.94	RES	20.33
581	980347.32	3742638.94	RES	20.45
582	980347.32	3742658.94	RES	20.60
583	980347.32	3742678.94	RES	20.78
584	980347.32	3742698.94	RES	20.80
585	980347.32	3742718.94	RES	20.78
586	980347.32	3742738.94	RES	20.71
587	980367.32	3742298.94	RES	19.21
588	980367.32	3742318.94	RES	19.35
589	980367.32	3742338.94	RES	19.38
590	980367.32	3742358.94	RES	19.47
591	980367.32	3742378.94	RES	19.49
592	980367.32	3742398.94	RES	19.44
593	980367.32	3742418.94	RES	19.35
594	980367.32	3742438.94	RES	19.30
595	980367.32	3742458.94	RES	19.31
596	980367.32	3742478.94	RES	19.45
597	980367.32	3742498.94	RES	19.63
598	980367.32	3742518.94	RES	19.84
599	980367.32	3742538.94	RES	19.92
600	980367.32	3742558.94	RES	19.96

Receptor Pathway

AERMOD

601	980367.32	3742578.94	RES	20.06
602	980367.32	3742598.94	RES	20.16
603	980367.32	3742618.94	RES	20.26
604	980367.32	3742638.94	RES	20.42
605	980367.32	3742658.94	RES	20.57
606	980367.32	3742678.94	RES	20.70
607	980367.32	3742698.94	RES	20.66
608	980367.32	3742718.94	RES	20.61
609	980387.32	3742318.94	RES	19.26
610	980387.32	3742338.94	RES	19.45
611	980387.32	3742358.94	RES	19.49
612	980387.32	3742378.94	RES	19.47
613	980387.32	3742398.94	RES	19.40
614	980387.32	3742418.94	RES	19.39
615	980387.32	3742438.94	RES	19.32
616	980387.32	3742458.94	RES	19.17
617	980387.32	3742478.94	RES	19.25
618	980387.32	3742498.94	RES	19.41
619	980387.32	3742518.94	RES	19.62
620	980387.32	3742538.94	RES	19.73
621	980387.32	3742558.94	RES	19.81
622	980387.32	3742578.94	RES	19.99
623	980387.32	3742598.94	RES	20.12
624	980387.32	3742618.94	RES	20.20
625	980387.32	3742638.94	RES	20.37
626	980387.32	3742658.94	RES	20.49
627	980387.32	3742678.94	RES	20.54
628	980387.32	3742698.94	RES	20.51
629	980407.32	3742358.94	RES	19.32
630	980407.32	3742378.94	RES	19.39
631	980407.32	3742398.94	RES	19.39
632	980407.32	3742418.94	RES	19.20
633	980407.32	3742438.94	RES	19.00
634	980407.32	3742458.94	RES	19.04
635	980407.32	3742478.94	RES	19.09
636	980407.32	3742498.94	RES	19.17
637	980407.32	3742518.94	RES	19.39
638	980407.32	3742538.94	RES	19.59

Receptor Pathway

AERMOD

639	980407.32	3742558.94	RES	19.78
640	980407.32	3742578.94	RES	19.92
641	980407.32	3742598.94	RES	20.05
642	980407.32	3742618.94	RES	20.18
643	980407.32	3742638.94	RES	20.31
644	980407.32	3742658.94	RES	20.38
645	980407.32	3742678.94	RES	20.40
646	980407.32	3742698.94	RES	20.39
647	980427.32	3742378.94	RES	19.03
648	980427.32	3742398.94	RES	19.02
649	980427.32	3742418.94	RES	18.85
650	980427.32	3742438.94	RES	18.71
651	980427.32	3742458.94	RES	18.94
652	980427.32	3742478.94	RES	19.10
653	980427.32	3742498.94	RES	19.22
654	980427.32	3742518.94	RES	19.44
655	980427.32	3742538.94	RES	19.64
656	980427.32	3742558.94	RES	19.82
657	980427.32	3742578.94	RES	19.86
658	980427.32	3742598.94	RES	19.98
659	980427.32	3742618.94	RES	20.19
660	980427.32	3742638.94	RES	20.23
661	980427.32	3742658.94	RES	20.26
662	980427.32	3742678.94	RES	20.28
663	980447.32	3742438.94	RES	18.48
664	980447.32	3742458.94	RES	18.79
665	980447.32	3742478.94	RES	19.05
666	980447.32	3742498.94	RES	19.26
667	980447.32	3742518.94	RES	19.45
668	980447.32	3742538.94	RES	19.55
669	980447.32	3742558.94	RES	19.57
670	980447.32	3742578.94	RES	19.72
671	980447.32	3742598.94	RES	19.90
672	980447.32	3742618.94	RES	20.06
673	980447.32	3742638.94	RES	20.11
674	980447.32	3742658.94	RES	20.15
675	980467.32	3742478.94	RES	18.84
676	980467.32	3742498.94	RES	19.14

Receptor Pathway

AERMOD

677	980467.32	3742518.94	RES	19.33
678	980467.32	3742538.94	RES	19.38
679	980467.32	3742558.94	RES	19.26
680	980467.32	3742618.94	RES	19.89
681	980467.32	3742638.94	RES	20.00
682	980487.32	3742518.94	RES	19.06
683	980487.32	3742538.94	RES	19.14
684	980077.18	3742616.83	PAR	20.05
685	980077.18	3742636.83	PAR	20.26
686	980077.18	3742656.83	PAR	20.55
687	980077.18	3742676.83	PAR	20.68
688	980077.18	3742696.83	PAR	20.68
689	980077.18	3742716.83	PAR	20.55
690	980077.18	3742736.83	PAR	20.45
691	980097.18	3742616.83	PAR	20.12
692	980097.18	3742636.83	PAR	20.39
693	980097.18	3742656.83	PAR	20.78
694	980097.18	3742676.83	PAR	20.96
695	980097.18	3742696.83	PAR	20.96
696	980097.18	3742716.83	PAR	20.69
697	980097.18	3742736.83	PAR	20.55
698	980117.18	3742636.83	PAR	20.48
699	980117.18	3742656.83	PAR	20.83
700	980117.18	3742676.83	PAR	21.00
701	980117.18	3742696.83	PAR	20.97
702	980117.18	3742716.83	PAR	20.70
703	980117.18	3742736.83	PAR	20.59
704	980137.18	3742656.83	PAR	20.81
705	980137.18	3742676.83	PAR	20.94
706	980137.18	3742696.83	PAR	20.86
707	980137.18	3742716.83	PAR	20.62
708	980137.18	3742736.83	PAR	20.58
709	980157.18	3742696.83	PAR	20.73
710	980157.18	3742716.83	PAR	20.61
711	980177.18	3742716.83	PAR	20.77
712	980089.92	3741804.77	SCH	17.51
713	980089.92	3741824.77	SCH	17.50
714	980089.92	3741844.77	SCH	17.49

Receptor Pathway

AERMOD

715	980089.92	3741864.77	SCH	17.48
716	980089.92	3741884.77	SCH	17.50
717	980089.92	3741904.77	SCH	17.51
718	980089.92	3741924.77	SCH	17.51
719	980089.92	3741944.77	SCH	17.53
720	980089.92	3741964.77	SCH	17.60
721	980089.92	3741984.77	SCH	17.73
722	980089.92	3742004.77	SCH	17.79
723	980089.92	3742024.77	SCH	17.88
724	980109.92	3741804.77	SCH	17.01
725	980109.92	3741824.77	SCH	17.12
726	980109.92	3741844.77	SCH	17.17
727	980109.92	3741864.77	SCH	17.19
728	980109.92	3741884.77	SCH	17.14
729	980109.92	3741904.77	SCH	17.12
730	980109.92	3741924.77	SCH	17.14
731	980109.92	3741944.77	SCH	17.24
732	980109.92	3741964.77	SCH	17.37
733	980109.92	3741984.77	SCH	17.53
734	980109.92	3742004.77	SCH	17.68
735	980109.92	3742024.77	SCH	17.81
736	980129.92	3741784.77	SCH	16.84
737	980129.92	3741804.77	SCH	16.83
738	980129.92	3741824.77	SCH	16.98
739	980129.92	3741844.77	SCH	17.06
740	980129.92	3741864.77	SCH	17.08
741	980129.92	3741884.77	SCH	16.92
742	980129.92	3741904.77	SCH	16.85
743	980129.92	3741924.77	SCH	16.84
744	980129.92	3741944.77	SCH	17.00
745	980129.92	3741964.77	SCH	17.17
746	980129.92	3741984.77	SCH	17.36
747	980129.92	3742004.77	SCH	17.59
748	980129.92	3742024.77	SCH	17.79
749	980149.92	3741764.77	SCH	16.72
750	980149.92	3741784.77	SCH	16.69
751	980149.92	3741804.77	SCH	16.79
752	980149.92	3741824.77	SCH	16.94

Receptor Pathway

AERMOD

753	980149.92	3741844.77	SCH	17.06
754	980149.92	3741864.77	SCH	17.15
755	980149.92	3741884.77	SCH	17.01
756	980149.92	3741904.77	SCH	16.86
757	980149.92	3741924.77	SCH	16.70
758	980149.92	3741944.77	SCH	16.84
759	980149.92	3741964.77	SCH	17.04
760	980149.92	3741984.77	SCH	17.25
761	980149.92	3742004.77	SCH	17.53
762	980149.92	3742024.77	SCH	17.79
763	980149.92	3742044.77	SCH	17.92
764	980169.92	3741744.77	SCH	16.64
765	980169.92	3741764.77	SCH	16.56
766	980169.92	3741784.77	SCH	16.62
767	980169.92	3741804.77	SCH	16.78
768	980169.92	3741824.77	SCH	16.89
769	980169.92	3741844.77	SCH	16.99
770	980169.92	3741864.77	SCH	17.09
771	980169.92	3741884.77	SCH	17.08
772	980169.92	3741904.77	SCH	17.05
773	980169.92	3741924.77	SCH	16.98
774	980169.92	3741944.77	SCH	16.98
775	980169.92	3741964.77	SCH	17.02
776	980169.92	3741984.77	SCH	17.17
777	980169.92	3742004.77	SCH	17.45
778	980169.92	3742024.77	SCH	17.74
779	980169.92	3742044.77	SCH	17.96
780	980189.92	3741744.77	SCH	16.36
781	980189.92	3741764.77	SCH	16.46
782	980189.92	3741784.77	SCH	16.60
783	980189.92	3741804.77	SCH	16.77
784	980189.92	3741824.77	SCH	16.85
785	980189.92	3741844.77	SCH	16.94
786	980189.92	3741864.77	SCH	17.03
787	980189.92	3741884.77	SCH	17.15
788	980189.92	3741904.77	SCH	17.25
789	980189.92	3741924.77	SCH	17.33
790	980189.92	3741944.77	SCH	17.28

Receptor Pathway

AERMOD

791	980189.92	3741964.77	SCH	17.21
792	980189.92	3741984.77	SCH	17.14
793	980189.92	3742004.77	SCH	17.30
794	980189.92	3742024.77	SCH	17.56
795	980189.92	3742044.77	SCH	17.88
796	980209.92	3741724.77	SCH	16.33
797	980209.92	3741744.77	SCH	16.26
798	980209.92	3741764.77	SCH	16.43
799	980209.92	3741784.77	SCH	16.59
800	980209.92	3741804.77	SCH	16.75
801	980209.92	3741824.77	SCH	16.83
802	980209.92	3741844.77	SCH	16.93
803	980209.92	3741864.77	SCH	17.05
804	980209.92	3741884.77	SCH	17.24
805	980209.92	3741904.77	SCH	17.43
806	980209.92	3741924.77	SCH	17.63
807	980209.92	3741944.77	SCH	17.60
808	980209.92	3741964.77	SCH	17.46
809	980209.92	3741984.77	SCH	17.20
810	980209.92	3742004.77	SCH	17.19
811	980209.92	3742024.77	SCH	17.35
812	980209.92	3742044.77	SCH	17.75
813	980209.92	3742064.77	SCH	17.97
814	980229.92	3741704.77	SCH	16.26
815	980229.92	3741724.77	SCH	16.15
816	980229.92	3741744.77	SCH	16.23
817	980229.92	3741764.77	SCH	16.38
818	980229.92	3741784.77	SCH	16.52
819	980229.92	3741804.77	SCH	16.65
820	980229.92	3741824.77	SCH	16.79
821	980229.92	3741844.77	SCH	16.95
822	980229.92	3741864.77	SCH	17.16
823	980229.92	3741884.77	SCH	17.36
824	980229.92	3741904.77	SCH	17.57
825	980229.92	3741924.77	SCH	17.81
826	980229.92	3741944.77	SCH	17.82
827	980229.92	3741964.77	SCH	17.68
828	980229.92	3741984.77	SCH	17.30

Receptor Pathway

AERMOD

829	980229.92	3742004.77	SCH	17.17
830	980229.92	3742024.77	SCH	17.20
831	980229.92	3742044.77	SCH	17.62
832	980229.92	3742064.77	SCH	17.87
833	980249.92	3741704.77	SCH	16.07
834	980249.92	3741724.77	SCH	16.05
835	980249.92	3741744.77	SCH	16.19
836	980249.92	3741764.77	SCH	16.33
837	980249.92	3741784.77	SCH	16.45
838	980249.92	3741804.77	SCH	16.57
839	980249.92	3741824.77	SCH	16.74
840	980249.92	3741844.77	SCH	16.95
841	980249.92	3741864.77	SCH	17.20
842	980249.92	3741884.77	SCH	17.41
843	980249.92	3741904.77	SCH	17.62
844	980249.92	3741924.77	SCH	17.91
845	980249.92	3741944.77	SCH	17.95
846	980249.92	3741964.77	SCH	17.83
847	980249.92	3741984.77	SCH	17.44
848	980249.92	3742004.77	SCH	17.23
849	980249.92	3742024.77	SCH	17.19
850	980249.92	3742044.77	SCH	17.55
851	980249.92	3742064.77	SCH	17.82
852	980249.92	3742084.77	SCH	17.99
853	980269.92	3741684.77	SCH	15.98
854	980269.92	3741704.77	SCH	15.93
855	980269.92	3741724.77	SCH	16.00
856	980269.92	3741744.77	SCH	16.14
857	980269.92	3741764.77	SCH	16.28
858	980269.92	3741784.77	SCH	16.41
859	980269.92	3741804.77	SCH	16.54
860	980269.92	3741824.77	SCH	16.74
861	980269.92	3741844.77	SCH	16.96
862	980269.92	3741864.77	SCH	17.20
863	980269.92	3741884.77	SCH	17.42
864	980269.92	3741904.77	SCH	17.65
865	980269.92	3741924.77	SCH	17.83
866	980269.92	3741944.77	SCH	17.87

Receptor Pathway

AERMOD

867	980269.92	3741964.77	SCH	17.81
868	980269.92	3741984.77	SCH	17.53
869	980269.92	3742004.77	SCH	17.37
870	980269.92	3742024.77	SCH	17.32
871	980269.92	3742044.77	SCH	17.57
872	980269.92	3742064.77	SCH	17.80
873	980269.92	3742084.77	SCH	18.02
874	980269.92	3742104.77	SCH	18.10
875	980289.92	3741684.77	SCH	15.88
876	980289.92	3741704.77	SCH	15.82
877	980289.92	3741724.77	SCH	15.94
878	980289.92	3741744.77	SCH	16.09
879	980289.92	3741764.77	SCH	16.24
880	980289.92	3741784.77	SCH	16.40
881	980289.92	3741804.77	SCH	16.58
882	980289.92	3741824.77	SCH	16.80
883	980289.92	3741844.77	SCH	17.02
884	980289.92	3741864.77	SCH	17.23
885	980289.92	3741884.77	SCH	17.46
886	980289.92	3741904.77	SCH	17.66
887	980289.92	3741924.77	SCH	17.71
888	980289.92	3741944.77	SCH	17.76
889	980289.92	3741964.77	SCH	17.80
890	980289.92	3741984.77	SCH	17.62
891	980289.92	3742004.77	SCH	17.48
892	980289.92	3742024.77	SCH	17.36
893	980289.92	3742044.77	SCH	17.56
894	980289.92	3742064.77	SCH	17.78
895	980289.92	3742084.77	SCH	18.02
896	980289.92	3742104.77	SCH	18.15
897	980289.92	3742124.77	SCH	18.24
898	980309.92	3741684.77	SCH	15.84
899	980309.92	3741704.77	SCH	15.78
900	980309.92	3741724.77	SCH	15.91
901	980309.92	3741744.77	SCH	16.07
902	980309.92	3741764.77	SCH	16.25
903	980309.92	3741784.77	SCH	16.44
904	980309.92	3741804.77	SCH	16.66

Receptor Pathway

AERMOD

905	980309.92	3741824.77	SCH	16.89
906	980309.92	3741844.77	SCH	17.13
907	980309.92	3741864.77	SCH	17.37
908	980309.92	3741884.77	SCH	17.55
909	980309.92	3741904.77	SCH	17.68
910	980309.92	3741924.77	SCH	17.67
911	980309.92	3741944.77	SCH	17.76
912	980309.92	3741964.77	SCH	17.93
913	980309.92	3741984.77	SCH	17.75
914	980309.92	3742004.77	SCH	17.56
915	980309.92	3742024.77	SCH	17.38
916	980309.92	3742044.77	SCH	17.53
917	980309.92	3742064.77	SCH	17.73
918	980309.92	3742084.77	SCH	17.96
919	980309.92	3742104.77	SCH	18.13
920	980309.92	3742124.77	SCH	18.25
921	980309.92	3742144.77	SCH	18.25
922	980329.92	3741684.77	SCH	16.06
923	980329.92	3741704.77	SCH	16.00
924	980329.92	3741724.77	SCH	16.05
925	980329.92	3741744.77	SCH	16.15
926	980329.92	3741764.77	SCH	16.32
927	980329.92	3741784.77	SCH	16.51
928	980329.92	3741804.77	SCH	16.74
929	980329.92	3741824.77	SCH	17.00
930	980329.92	3741844.77	SCH	17.28
931	980329.92	3741864.77	SCH	17.57
932	980329.92	3741884.77	SCH	17.75
933	980329.92	3741904.77	SCH	17.84
934	980329.92	3741924.77	SCH	17.88
935	980329.92	3741944.77	SCH	18.03
936	980329.92	3741964.77	SCH	18.30
937	980329.92	3741984.77	SCH	17.94
938	980329.92	3742004.77	SCH	17.62
939	980329.92	3742024.77	SCH	17.39
940	980329.92	3742044.77	SCH	17.47
941	980329.92	3742064.77	SCH	17.64
942	980329.92	3742084.77	SCH	17.88

Receptor Pathway

AERMOD

943	980329.92	3742104.77	SCH	18.07
944	980329.92	3742124.77	SCH	18.21
945	980329.92	3742144.77	SCH	18.22
946	980329.92	3742164.77	SCH	18.20
947	980349.92	3741744.77	SCH	16.24
948	980349.92	3741764.77	SCH	16.37
949	980349.92	3741784.77	SCH	16.56
950	980349.92	3741804.77	SCH	16.80
951	980349.92	3741824.77	SCH	17.05
952	980349.92	3741844.77	SCH	17.32
953	980349.92	3741864.77	SCH	17.60
954	980349.92	3741884.77	SCH	17.79
955	980349.92	3741904.77	SCH	17.90
956	980349.92	3741924.77	SCH	17.84
957	980349.92	3741944.77	SCH	17.81
958	980349.92	3741964.77	SCH	17.84
959	980349.92	3741984.77	SCH	17.73
960	980349.92	3742004.77	SCH	17.58
961	980349.92	3742024.77	SCH	17.33
962	980349.92	3742044.77	SCH	17.37
963	980349.92	3742064.77	SCH	17.53
964	980349.92	3742084.77	SCH	17.81
965	980349.92	3742104.77	SCH	17.98
966	980349.92	3742124.77	SCH	18.10
967	980349.92	3742144.77	SCH	18.16
968	980349.92	3742164.77	SCH	18.18
969	980369.92	3741824.77	SCH	17.01
970	980369.92	3741844.77	SCH	17.24
971	980369.92	3741864.77	SCH	17.49
972	980369.92	3741884.77	SCH	17.68
973	980369.92	3741904.77	SCH	17.82
974	980369.92	3741924.77	SCH	17.71
975	980369.92	3741944.77	SCH	17.60
976	980369.92	3741964.77	SCH	17.52
977	980369.92	3741984.77	SCH	17.46
978	980369.92	3742004.77	SCH	17.39
979	980369.92	3742024.77	SCH	17.26
980	980369.92	3742044.77	SCH	17.32

Receptor Pathway

AERMOD

981	980369.92	3742064.77	SCH	17.47
982	980369.92	3742084.77	SCH	17.75
983	980369.92	3742104.77	SCH	17.92
984	980369.92	3742124.77	SCH	18.02
985	980369.92	3742144.77	SCH	18.07
986	980389.92	3741884.77	SCH	17.46
987	980389.92	3741904.77	SCH	17.62
988	980389.92	3741924.77	SCH	17.52
989	980389.92	3741944.77	SCH	17.34
990	980389.92	3741964.77	SCH	17.07
991	980389.92	3741984.77	SCH	17.06
992	980389.92	3742004.77	SCH	17.13
993	980389.92	3742024.77	SCH	17.14
994	980389.92	3742044.77	SCH	17.26
995	980389.92	3742064.77	SCH	17.43
996	980389.92	3742084.77	SCH	17.71
997	980389.92	3742104.77	SCH	17.88
998	980389.92	3742124.77	SCH	17.96
999	980409.92	3741944.77	SCH	17.05
1,000	980409.92	3741964.77	SCH	16.48
1,001	980409.92	3741984.77	SCH	16.56
1,002	980409.92	3742004.77	SCH	16.85
1,003	980409.92	3742024.77	SCH	16.99
1,004	980409.92	3742044.77	SCH	17.19
1,005	980409.92	3742064.77	SCH	17.43
1,006	980409.92	3742084.77	SCH	17.69
1,007	980409.92	3742104.77	SCH	17.82
1,008	980409.92	3742124.77	SCH	17.86
1,009	980429.92	3741964.77	SCH	16.39
1,010	980429.92	3741984.77	SCH	16.38
1,011	980429.92	3742004.77	SCH	16.60
1,012	980429.92	3742024.77	SCH	16.84
1,013	980429.92	3742044.77	SCH	17.14
1,014	980429.92	3742064.77	SCH	17.46
1,015	980429.92	3742084.77	SCH	17.66
1,016	980429.92	3742104.77	SCH	17.75
1,017	980449.92	3742004.77	SCH	16.68
1,018	980449.92	3742024.77	SCH	16.90

Receptor Pathway

AERMOD

1,019	980449.92	3742044.77	SCH	17.15
1,020	980449.92	3742064.77	SCH	17.44
1,021	980449.92	3742084.77	SCH	17.53
1,022	980469.92	3742024.77	SCH	16.97
1,023	980469.92	3742044.77	SCH	17.17
1,024	980469.92	3742064.77	SCH	17.36
1,025	980469.92	3742084.77	SCH	17.43
1,026	980489.92	3742044.77	SCH	17.16
1,027	980489.92	3742064.77	SCH	17.28
1,028	980404.60	3742206.17	WOR	18.79
1,029	980395.70	3742240.27	WOR	18.75
1,030	980504.67	3742161.69	WOR	18.52
1,031	980443.89	3742297.35	WOR	19.09
1,032	980480.95	3742379.63	WOR	18.99
1,033	980519.50	3742227.67	WOR	18.81
1,034	980546.18	3742255.09	WOR	19.11
1,035	980555.82	3742291.42	WOR	19.22
1,036	980578.06	3742308.47	WOR	19.33
1,037	980601.04	3742345.53	WOR	19.42
1,038	980500.96	3742427.81	WOR	19.03
1,039	980518.78	3742452.39	WOR	19.29
1,040	980625.18	3742376.52	WOR	19.47
1,041	980640.01	3742414.89	WOR	19.45
1,042	980561.52	3742496.87	WOR	19.93
1,043	980665.30	3742472.45	WOR	19.69
1,044	980513.48	3742577.06	WOR	19.19
1,045	979899.40	3742334.47	WOR	19.24
1,046	979936.77	3742099.68	WOR	17.99
1,047	979761.24	3742285.82	WOR	19.04
1,048	979733.51	3742181.86	WOR	18.30
1,049	979924.14	3742077.70	WOR	17.92
1,050	979822.04	3741883.42	WOR	17.43
1,051	979674.08	3742101.64	WOR	18.09
1,052	979851.61	3742394.38	WOR	19.48
1,053	979873.78	3742356.02	WOR	19.42
1,054	979586.82	3742234.43	WOR	19.12
1,055	979600.20	3742183.36	WOR	18.86
1,056	979550.35	3742193.09	WOR	18.98

Receptor Pathway

AERMOD

1,057	979618.44	3742121.35	WOR	18.69
1,058	979858.81	3741944.73	WOR	17.56
1,059	979760.89	3741849.21	WOR	17.63

Plant Boundary Receptors

Receptor Groups

Record Number	Group ID	Group Description
1	RES	
2	PAR	
3	SCH	
4	WOR	

Meteorology Pathway

AERMOD

Met Input Data

Surface Met Data

Filename: Met Data\KSNA_V11_trimmed.sfc
Format Type: Default AERMET format

Profile Met Data

Filename: Met Data\KSNA_V11_trimmed.pfl
Format Type: Default AERMET format

Wind Speed



Wind Speeds are Vector Mean (Not Scalar Means)

Wind Direction

Rotation Adjustment [deg]:

Potential Temperature Profile

Base Elevation above MSL (for Primary Met Tower): 12.95 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface Upper Air		2019 2019			

Data Period

Data Period to Process

Start Date: 1/1/2019 Start Hour: 1 End Date: 12/31/2023 End Hour: 24

Wind Speed Categories

Stability Category	Wind Speed [m/s]	Stability Category	Wind Speed [m/s]
A	1.54	D	8.23
B	3.09	E	10.8
C	5.14	F	No Upper Bound

Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.06573	ug/m^3	RES_001	979660.30	3742498.81	19.96	0.00	19.96	
PERIOD		0.06457	ug/m^3	RES_002	979660.30	3742518.81	20.04	0.00	20.04	
PERIOD		0.06409	ug/m^3	RES_003	979660.30	3742538.81	20.10	0.00	20.10	
PERIOD		0.06401	ug/m^3	RES_004	979660.30	3742558.81	20.16	0.00	20.16	
PERIOD		0.06405	ug/m^3	RES_005	979660.30	3742578.81	20.25	0.00	20.25	
PERIOD		0.06398	ug/m^3	RES_006	979660.30	3742598.81	20.26	0.00	20.26	
PERIOD		0.06361	ug/m^3	RES_007	979660.30	3742618.81	20.30	0.00	20.30	
PERIOD		0.06286	ug/m^3	RES_008	979660.30	3742638.81	20.42	0.00	20.42	
PERIOD		0.06177	ug/m^3	RES_009	979660.30	3742658.81	20.49	0.00	20.49	
PERIOD		0.06036	ug/m^3	RES_010	979660.30	3742678.81	20.53	0.00	20.53	
PERIOD		0.05870	ug/m^3	RES_011	979660.30	3742698.81	20.51	0.00	20.51	
PERIOD		0.05681	ug/m^3	RES_012	979660.30	3742718.81	20.73	0.00	20.73	
PERIOD		0.05475	ug/m^3	RES_013	979660.30	3742738.81	21.08	0.00	21.08	
PERIOD		0.05275	ug/m^3	RES_014	979660.30	3742758.81	21.12	0.00	21.12	
PERIOD		0.05077	ug/m^3	RES_015	979660.30	3742778.81	21.10	0.00	21.10	
PERIOD		0.07134	ug/m^3	RES_016	979680.30	3742498.81	20.06	0.00	20.06	
PERIOD		0.07020	ug/m^3	RES_017	979680.30	3742518.81	20.14	0.00	20.14	
PERIOD		0.06981	ug/m^3	RES_018	979680.30	3742538.81	20.21	0.00	20.21	
PERIOD		0.06979	ug/m^3	RES_019	979680.30	3742558.81	20.28	0.00	20.28	
PERIOD		0.06977	ug/m^3	RES_020	979680.30	3742578.81	20.34	0.00	20.34	

Project File: C:\Lakes\AERMOD View\TSD-21\TSD-21.isc

AERMOD View by Lakes Environmental Software

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9/18/2025

Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.06949	ug/m^3	RES_021	979680.30	3742598.81	20.33	0.00	20.33	
PERIOD		0.06878	ug/m^3	RES_022	979680.30	3742618.81	20.35	0.00	20.35	
PERIOD		0.06760	ug/m^3	RES_023	979680.30	3742638.81	20.51	0.00	20.51	
PERIOD		0.06601	ug/m^3	RES_024	979680.30	3742658.81	20.64	0.00	20.64	
PERIOD		0.06410	ug/m^3	RES_025	979680.30	3742678.81	20.73	0.00	20.73	
PERIOD		0.06200	ug/m^3	RES_026	979680.30	3742698.81	20.68	0.00	20.68	
PERIOD		0.05967	ug/m^3	RES_027	979680.30	3742718.81	20.93	0.00	20.93	
PERIOD		0.05712	ug/m^3	RES_028	979680.30	3742738.81	21.36	0.00	21.36	
PERIOD		0.05491	ug/m^3	RES_029	979680.30	3742758.81	21.30	0.00	21.30	
PERIOD		0.05275	ug/m^3	RES_030	979680.30	3742778.81	21.17	0.00	21.17	
PERIOD		0.05067	ug/m^3	RES_031	979680.30	3742798.81	20.96	0.00	20.96	
PERIOD		0.07800	ug/m^3	RES_032	979700.30	3742498.81	20.19	0.00	20.19	
PERIOD		0.07691	ug/m^3	RES_033	979700.30	3742518.81	20.27	0.00	20.27	
PERIOD		0.07664	ug/m^3	RES_034	979700.30	3742538.81	20.36	0.00	20.36	
PERIOD		0.07662	ug/m^3	RES_035	979700.30	3742558.81	20.44	0.00	20.44	
PERIOD		0.07642	ug/m^3	RES_036	979700.30	3742578.81	20.47	0.00	20.47	
PERIOD		0.07574	ug/m^3	RES_037	979700.30	3742598.81	20.47	0.00	20.47	
PERIOD		0.07454	ug/m^3	RES_038	979700.30	3742618.81	20.50	0.00	20.50	
PERIOD		0.07277	ug/m^3	RES_039	979700.30	3742638.81	20.68	0.00	20.68	
PERIOD		0.07057	ug/m^3	RES_040	979700.30	3742658.81	20.81	0.00	20.81	

Project File: C:\Lakes\AERMOD View\TSD-21\TSD-21.isc

AERMOD View by Lakes Environmental Software

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9/18/2025

Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.06808	ug/m^3	RES_041	979700.30	3742678.81	20.90	0.00	20.90	
PERIOD		0.06547	ug/m^3	RES_042	979700.30	3742698.81	20.85	0.00	20.85	
PERIOD		0.06269	ug/m^3	RES_043	979700.30	3742718.81	21.07	0.00	21.07	
PERIOD		0.05965	ug/m^3	RES_044	979700.30	3742738.81	21.49	0.00	21.49	
PERIOD		0.05717	ug/m^3	RES_045	979700.30	3742758.81	21.39	0.00	21.39	
PERIOD		0.05481	ug/m^3	RES_046	979700.30	3742778.81	21.24	0.00	21.24	
PERIOD		0.05251	ug/m^3	RES_047	979700.30	3742798.81	21.05	0.00	21.05	
PERIOD		0.08608	ug/m^3	RES_048	979720.30	3742498.81	20.32	0.00	20.32	
PERIOD		0.08509	ug/m^3	RES_049	979720.30	3742518.81	20.42	0.00	20.42	
PERIOD		0.08492	ug/m^3	RES_050	979720.30	3742538.81	20.51	0.00	20.51	
PERIOD		0.08477	ug/m^3	RES_051	979720.30	3742558.81	20.58	0.00	20.58	
PERIOD		0.08416	ug/m^3	RES_052	979720.30	3742578.81	20.59	0.00	20.59	
PERIOD		0.08289	ug/m^3	RES_053	979720.30	3742598.81	20.61	0.00	20.61	
PERIOD		0.08100	ug/m^3	RES_054	979720.30	3742618.81	20.65	0.00	20.65	
PERIOD		0.07843	ug/m^3	RES_055	979720.30	3742638.81	20.85	0.00	20.85	
PERIOD		0.07547	ug/m^3	RES_056	979720.30	3742658.81	20.98	0.00	20.98	
PERIOD		0.07230	ug/m^3	RES_057	979720.30	3742678.81	21.05	0.00	21.05	
PERIOD		0.06911	ug/m^3	RES_058	979720.30	3742698.81	21.03	0.00	21.03	
PERIOD		0.06582	ug/m^3	RES_059	979720.30	3742718.81	21.21	0.00	21.21	
PERIOD		0.06237	ug/m^3	RES_060	979720.30	3742738.81	21.59	0.00	21.59	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.05953	ug/m^3	RES_061	979720.30	3742758.81	21.48	0.00	21.48	
PERIOD		0.05689	ug/m^3	RES_062	979720.30	3742778.81	21.36	0.00	21.36	
PERIOD		0.09876	ug/m^3	RES_063	979740.30	3742478.81	20.28	0.00	20.28	
PERIOD		0.09612	ug/m^3	RES_064	979740.30	3742498.81	20.42	0.00	20.42	
PERIOD		0.09530	ug/m^3	RES_065	979740.30	3742518.81	20.52	0.00	20.52	
PERIOD		0.09510	ug/m^3	RES_066	979740.30	3742538.81	20.61	0.00	20.61	
PERIOD		0.09454	ug/m^3	RES_067	979740.30	3742558.81	20.68	0.00	20.68	
PERIOD		0.09322	ug/m^3	RES_068	979740.30	3742578.81	20.70	0.00	20.70	
PERIOD		0.09113	ug/m^3	RES_069	979740.30	3742598.81	20.74	0.00	20.74	
PERIOD		0.08822	ug/m^3	RES_070	979740.30	3742618.81	20.80	0.00	20.80	
PERIOD		0.08462	ug/m^3	RES_071	979740.30	3742638.81	21.00	0.00	21.00	
PERIOD		0.08073	ug/m^3	RES_072	979740.30	3742658.81	21.11	0.00	21.11	
PERIOD		0.07681	ug/m^3	RES_073	979740.30	3742678.81	21.15	0.00	21.15	
PERIOD		0.07293	ug/m^3	RES_074	979740.30	3742698.81	21.19	0.00	21.19	
PERIOD		0.06904	ug/m^3	RES_075	979740.30	3742718.81	21.35	0.00	21.35	
PERIOD		0.06524	ug/m^3	RES_076	979740.30	3742738.81	21.67	0.00	21.67	
PERIOD		0.06211	ug/m^3	RES_077	979740.30	3742758.81	21.55	0.00	21.55	
PERIOD		0.05923	ug/m^3	RES_078	979740.30	3742778.81	21.39	0.00	21.39	
PERIOD		0.11175	ug/m^3	RES_079	979760.30	3742478.81	20.37	0.00	20.37	
PERIOD		0.10903	ug/m^3	RES_080	979760.30	3742498.81	20.44	0.00	20.44	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.10833	ug/m^3	RES_081	979760.30	3742518.81	20.54	0.00	20.54	
PERIOD		0.10778	ug/m^3	RES_082	979760.30	3742538.81	20.64	0.00	20.64	
PERIOD		0.10635	ug/m^3	RES_083	979760.30	3742558.81	20.74	0.00	20.74	
PERIOD		0.10403	ug/m^3	RES_084	979760.30	3742578.81	20.80	0.00	20.80	
PERIOD		0.10062	ug/m^3	RES_085	979760.30	3742598.81	20.87	0.00	20.87	
PERIOD		0.09629	ug/m^3	RES_086	979760.30	3742618.81	20.96	0.00	20.96	
PERIOD		0.09134	ug/m^3	RES_087	979760.30	3742638.81	21.15	0.00	21.15	
PERIOD		0.08635	ug/m^3	RES_088	979760.30	3742658.81	21.25	0.00	21.25	
PERIOD		0.08161	ug/m^3	RES_089	979760.30	3742678.81	21.25	0.00	21.25	
PERIOD		0.07694	ug/m^3	RES_090	979760.30	3742698.81	21.33	0.00	21.33	
PERIOD		0.07249	ug/m^3	RES_091	979760.30	3742718.81	21.49	0.00	21.49	
PERIOD		0.06836	ug/m^3	RES_092	979760.30	3742738.81	21.72	0.00	21.72	
PERIOD		0.06489	ug/m^3	RES_093	979760.30	3742758.81	21.61	0.00	21.61	
PERIOD		0.06171	ug/m^3	RES_094	979760.30	3742778.81	21.46	0.00	21.46	
PERIOD		0.12891	ug/m^3	RES_095	979780.30	3742478.81	20.44	0.00	20.44	
PERIOD		0.12616	ug/m^3	RES_096	979780.30	3742498.81	20.50	0.00	20.50	
PERIOD		0.12526	ug/m^3	RES_097	979780.30	3742518.81	20.56	0.00	20.56	
PERIOD		0.12368	ug/m^3	RES_098	979780.30	3742538.81	20.66	0.00	20.66	
PERIOD		0.12108	ug/m^3	RES_099	979780.30	3742558.81	20.77	0.00	20.77	
PERIOD		0.11709	ug/m^3	RES_100	979780.30	3742578.81	20.84	0.00	20.84	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.11165	ug/m^3	RES_101	979780.30	3742598.81	20.96	0.00	20.96	
PERIOD		0.10529	ug/m^3	RES_102	979780.30	3742618.81	21.13	0.00	21.13	
PERIOD		0.09851	ug/m^3	RES_103	979780.30	3742638.81	21.32	0.00	21.32	
PERIOD		0.09234	ug/m^3	RES_104	979780.30	3742658.81	21.40	0.00	21.40	
PERIOD		0.08678	ug/m^3	RES_105	979780.30	3742678.81	21.35	0.00	21.35	
PERIOD		0.08139	ug/m^3	RES_106	979780.30	3742698.81	21.44	0.00	21.44	
PERIOD		0.07639	ug/m^3	RES_107	979780.30	3742718.81	21.57	0.00	21.57	
PERIOD		0.07186	ug/m^3	RES_108	979780.30	3742738.81	21.71	0.00	21.71	
PERIOD		0.06800	ug/m^3	RES_109	979780.30	3742758.81	21.60	0.00	21.60	
PERIOD		0.06445	ug/m^3	RES_110	979780.30	3742778.81	21.48	0.00	21.48	
PERIOD		0.15270	ug/m^3	RES_111	979800.30	3742478.81	20.53	0.00	20.53	
PERIOD		0.14975	ug/m^3	RES_112	979800.30	3742498.81	20.59	0.00	20.59	
PERIOD		0.14769	ug/m^3	RES_113	979800.30	3742518.81	20.62	0.00	20.62	
PERIOD		0.14456	ug/m^3	RES_114	979800.30	3742538.81	20.73	0.00	20.73	
PERIOD		0.13989	ug/m^3	RES_115	979800.30	3742558.81	20.91	0.00	20.91	
PERIOD		0.13295	ug/m^3	RES_116	979800.30	3742578.81	21.00	0.00	21.00	
PERIOD		0.12451	ug/m^3	RES_117	979800.30	3742598.81	21.10	0.00	21.10	
PERIOD		0.11557	ug/m^3	RES_118	979800.30	3742618.81	21.22	0.00	21.22	
PERIOD		0.10675	ug/m^3	RES_119	979800.30	3742638.81	21.42	0.00	21.42	
PERIOD		0.09913	ug/m^3	RES_120	979800.30	3742658.81	21.51	0.00	21.51	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.09272	ug/m^3	RES_121	979800.30	3742678.81	21.41	0.00	21.41	
PERIOD		0.08650	ug/m^3	RES_122	979800.30	3742698.81	21.47	0.00	21.47	
PERIOD		0.08088	ug/m^3	RES_123	979800.30	3742718.81	21.56	0.00	21.56	
PERIOD		0.07589	ug/m^3	RES_124	979800.30	3742738.81	21.62	0.00	21.62	
PERIOD		0.07158	ug/m^3	RES_125	979800.30	3742758.81	21.50	0.00	21.50	
PERIOD		0.06769	ug/m^3	RES_126	979800.30	3742778.81	21.39	0.00	21.39	
PERIOD		0.18783	ug/m^3	RES_127	979820.30	3742478.81	20.72	0.00	20.72	
PERIOD		0.18343	ug/m^3	RES_128	979820.30	3742498.81	20.79	0.00	20.79	
PERIOD		0.17903	ug/m^3	RES_129	979820.30	3742518.81	20.81	0.00	20.81	
PERIOD		0.17400	ug/m^3	RES_130	979820.30	3742538.81	20.90	0.00	20.90	
PERIOD		0.16483	ug/m^3	RES_131	979820.30	3742558.81	21.04	0.00	21.04	
PERIOD		0.15295	ug/m^3	RES_132	979820.30	3742578.81	21.08	0.00	21.08	
PERIOD		0.14032	ug/m^3	RES_133	979820.30	3742598.81	21.14	0.00	21.14	
PERIOD		0.12809	ug/m^3	RES_134	979820.30	3742618.81	21.24	0.00	21.24	
PERIOD		0.11656	ug/m^3	RES_135	979820.30	3742638.81	21.47	0.00	21.47	
PERIOD		0.10722	ug/m^3	RES_136	979820.30	3742658.81	21.57	0.00	21.57	
PERIOD		0.09990	ug/m^3	RES_137	979820.30	3742678.81	21.38	0.00	21.38	
PERIOD		0.09279	ug/m^3	RES_138	979820.30	3742698.81	21.37	0.00	21.37	
PERIOD		0.08637	ug/m^3	RES_139	979820.30	3742718.81	21.41	0.00	21.41	
PERIOD		0.08070	ug/m^3	RES_140	979820.30	3742738.81	21.44	0.00	21.44	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.07597	ug/m^3	RES_141	979820.30	3742758.81	21.28	0.00	21.28	
PERIOD		0.07170	ug/m^3	RES_142	979820.30	3742778.81	21.08	0.00	21.08	
PERIOD		0.24338	ug/m^3	RES_143	979840.30	3742478.81	20.99	0.00	20.99	
PERIOD		0.23427	ug/m^3	RES_144	979840.30	3742498.81	21.12	0.00	21.12	
PERIOD		0.22980	ug/m^3	RES_145	979840.30	3742518.81	21.15	0.00	21.15	
PERIOD		0.21657	ug/m^3	RES_146	979840.30	3742538.81	21.18	0.00	21.18	
PERIOD		0.19759	ug/m^3	RES_147	979840.30	3742558.81	21.19	0.00	21.19	
PERIOD		0.17917	ug/m^3	RES_148	979840.30	3742578.81	21.11	0.00	21.11	
PERIOD		0.16127	ug/m^3	RES_149	979840.30	3742598.81	21.08	0.00	21.08	
PERIOD		0.14490	ug/m^3	RES_150	979840.30	3742618.81	21.14	0.00	21.14	
PERIOD		0.13025	ug/m^3	RES_151	979840.30	3742638.81	21.27	0.00	21.27	
PERIOD		0.11847	ug/m^3	RES_152	979840.30	3742658.81	21.32	0.00	21.32	
PERIOD		0.10948	ug/m^3	RES_153	979840.30	3742678.81	21.15	0.00	21.15	
PERIOD		0.10085	ug/m^3	RES_154	979840.30	3742698.81	21.15	0.00	21.15	
PERIOD		0.09320	ug/m^3	RES_155	979840.30	3742718.81	21.20	0.00	21.20	
PERIOD		0.08669	ug/m^3	RES_156	979840.30	3742738.81	21.19	0.00	21.19	
PERIOD		0.08113	ug/m^3	RES_157	979840.30	3742758.81	21.07	0.00	21.07	
PERIOD		0.07613	ug/m^3	RES_158	979840.30	3742778.81	20.91	0.00	20.91	
PERIOD		0.33920	ug/m^3	RES_159	979860.30	3742478.81	21.09	0.00	21.09	
PERIOD		0.33602	ug/m^3	RES_160	979860.30	3742498.81	21.28	0.00	21.28	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.30806	ug/m^3	RES_161	979860.30	3742518.81	21.44	0.00	21.44	
PERIOD		0.27001	ug/m^3	RES_162	979860.30	3742538.81	21.51	0.00	21.51	
PERIOD		0.23823	ug/m^3	RES_163	979860.30	3742558.81	21.42	0.00	21.42	
PERIOD		0.21339	ug/m^3	RES_164	979860.30	3742578.81	21.18	0.00	21.18	
PERIOD		0.18894	ug/m^3	RES_165	979860.30	3742598.81	20.98	0.00	20.98	
PERIOD		0.16681	ug/m^3	RES_166	979860.30	3742618.81	20.95	0.00	20.95	
PERIOD		0.14858	ug/m^3	RES_167	979860.30	3742638.81	20.95	0.00	20.95	
PERIOD		0.13356	ug/m^3	RES_168	979860.30	3742658.81	20.95	0.00	20.95	
PERIOD		0.12114	ug/m^3	RES_169	979860.30	3742678.81	20.92	0.00	20.92	
PERIOD		0.11045	ug/m^3	RES_170	979860.30	3742698.81	20.98	0.00	20.98	
PERIOD		0.10132	ug/m^3	RES_171	979860.30	3742718.81	21.06	0.00	21.06	
PERIOD		0.09374	ug/m^3	RES_172	979860.30	3742738.81	21.00	0.00	21.00	
PERIOD		0.08715	ug/m^3	RES_173	979860.30	3742758.81	20.91	0.00	20.91	
PERIOD		0.08136	ug/m^3	RES_174	979860.30	3742778.81	20.80	0.00	20.80	
PERIOD		0.61573	ug/m^3	RES_175	979880.30	3742458.81	20.87	0.00	20.87	
PERIOD		0.62377	ug/m^3	RES_176	979880.30	3742478.81	21.14	0.00	21.14	
PERIOD		0.55742	ug/m^3	RES_177	979880.30	3742498.81	21.35	0.00	21.35	
PERIOD		0.44466	ug/m^3	RES_178	979880.30	3742518.81	21.52	0.00	21.52	
PERIOD		0.35705	ug/m^3	RES_179	979880.30	3742538.81	21.61	0.00	21.61	
PERIOD		0.29692	ug/m^3	RES_180	979880.30	3742558.81	21.56	0.00	21.56	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.25766	ug/m^3	RES_181	979880.30	3742578.81	21.27	0.00	21.27	
PERIOD		0.22384	ug/m^3	RES_182	979880.30	3742598.81	21.04	0.00	21.04	
PERIOD		0.19210	ug/m^3	RES_183	979880.30	3742618.81	21.14	0.00	21.14	
PERIOD		0.16804	ug/m^3	RES_184	979880.30	3742638.81	21.17	0.00	21.17	
PERIOD		0.14929	ug/m^3	RES_185	979880.30	3742658.81	21.16	0.00	21.16	
PERIOD		0.13457	ug/m^3	RES_186	979880.30	3742678.81	21.04	0.00	21.04	
PERIOD		0.12171	ug/m^3	RES_187	979880.30	3742698.81	21.05	0.00	21.05	
PERIOD		0.11079	ug/m^3	RES_188	979880.30	3742718.81	21.11	0.00	21.11	
PERIOD		0.10205	ug/m^3	RES_189	979880.30	3742738.81	20.96	0.00	20.96	
PERIOD		0.09441	ug/m^3	RES_190	979880.30	3742758.81	20.81	0.00	20.81	
PERIOD		0.61131	ug/m^3	RES_191	979900.30	3742458.81	20.86	0.00	20.86	
PERIOD		1.34889	ug/m^3	RES_192	979900.30	3742478.81	21.10	0.00	21.10	
PERIOD		0.93084	ug/m^3	RES_193	979900.30	3742498.81	21.29	0.00	21.29	
PERIOD		0.65631	ug/m^3	RES_194	979900.30	3742518.81	21.47	0.00	21.47	
PERIOD		0.48768	ug/m^3	RES_195	979900.30	3742538.81	21.58	0.00	21.58	
PERIOD		0.38246	ug/m^3	RES_196	979900.30	3742558.81	21.58	0.00	21.58	
PERIOD		0.31704	ug/m^3	RES_197	979900.30	3742578.81	21.34	0.00	21.34	
PERIOD		0.26802	ug/m^3	RES_198	979900.30	3742598.81	21.13	0.00	21.13	
PERIOD		0.22435	ug/m^3	RES_199	979900.30	3742618.81	21.26	0.00	21.26	
PERIOD		0.19272	ug/m^3	RES_200	979900.30	3742638.81	21.32	0.00	21.32	

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9/18/2025

Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.16888	ug/m^3	RES_201	979900.30	3742658.81	21.32	0.00	21.32	
PERIOD		0.15082	ug/m^3	RES_202	979900.30	3742678.81	21.20	0.00	21.20	
PERIOD		0.13498	ug/m^3	RES_203	979900.30	3742698.81	21.23	0.00	21.23	
PERIOD		0.12153	ug/m^3	RES_204	979900.30	3742718.81	21.34	0.00	21.34	
PERIOD		0.11171	ug/m^3	RES_205	979900.30	3742738.81	21.12	0.00	21.12	
PERIOD		0.10310	ug/m^3	RES_206	979900.30	3742758.81	20.80	0.00	20.80	
PERIOD		1.84421	ug/m^3	RES_207	979920.30	3742458.81	20.79	0.00	20.79	
PERIOD		2.04264	ug/m^3	RES_208	979920.30	3742478.81	20.98	0.00	20.98	
PERIOD		1.34433	ug/m^3	RES_209	979920.30	3742498.81	21.17	0.00	21.17	
PERIOD		0.91091	ug/m^3	RES_210	979920.30	3742518.81	21.36	0.00	21.36	
PERIOD		0.64937	ug/m^3	RES_211	979920.30	3742538.81	21.52	0.00	21.52	
PERIOD		0.49158	ug/m^3	RES_212	979920.30	3742558.81	21.53	0.00	21.53	
PERIOD		0.39287	ug/m^3	RES_213	979920.30	3742578.81	21.34	0.00	21.34	
PERIOD		0.32309	ug/m^3	RES_214	979920.30	3742598.81	21.16	0.00	21.16	
PERIOD		0.26471	ug/m^3	RES_215	979920.30	3742618.81	21.36	0.00	21.36	
PERIOD		0.22397	ug/m^3	RES_216	979920.30	3742638.81	21.43	0.00	21.43	
PERIOD		0.19388	ug/m^3	RES_217	979920.30	3742658.81	21.41	0.00	21.41	
PERIOD		0.17070	ug/m^3	RES_218	979920.30	3742678.81	21.33	0.00	21.33	
PERIOD		0.15125	ug/m^3	RES_219	979920.30	3742698.81	21.37	0.00	21.37	
PERIOD		0.13495	ug/m^3	RES_220	979920.30	3742718.81	21.50	0.00	21.50	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.12342	ug/m^3	RES_221	979920.30	3742738.81	21.21	0.00	21.21	
PERIOD		0.11322	ug/m^3	RES_222	979920.30	3742758.81	20.94	0.00	20.94	
PERIOD		3.50889	ug/m^3	RES_223	979940.30	3742458.81	20.69	0.00	20.69	
PERIOD		2.38311	ug/m^3	RES_224	979940.30	3742478.81	20.87	0.00	20.87	
PERIOD		1.61995	ug/m^3	RES_225	979940.30	3742498.81	21.09	0.00	21.09	
PERIOD		1.11615	ug/m^3	RES_226	979940.30	3742518.81	21.34	0.00	21.34	
PERIOD		0.80026	ug/m^3	RES_227	979940.30	3742538.81	21.51	0.00	21.51	
PERIOD		0.60577	ug/m^3	RES_228	979940.30	3742558.81	21.42	0.00	21.42	
PERIOD		0.47670	ug/m^3	RES_229	979940.30	3742578.81	21.26	0.00	21.26	
PERIOD		0.38558	ug/m^3	RES_230	979940.30	3742598.81	21.12	0.00	21.12	
PERIOD		0.31219	ug/m^3	RES_231	979940.30	3742618.81	21.38	0.00	21.38	
PERIOD		0.26106	ug/m^3	RES_232	979940.30	3742638.81	21.47	0.00	21.47	
PERIOD		0.22386	ug/m^3	RES_233	979940.30	3742658.81	21.42	0.00	21.42	
PERIOD		0.19466	ug/m^3	RES_234	979940.30	3742678.81	21.39	0.00	21.39	
PERIOD		0.17094	ug/m^3	RES_235	979940.30	3742698.81	21.43	0.00	21.43	
PERIOD		0.15144	ug/m^3	RES_236	979940.30	3742718.81	21.54	0.00	21.54	
PERIOD		0.13755	ug/m^3	RES_237	979940.30	3742738.81	21.21	0.00	21.21	
PERIOD		0.12525	ug/m^3	RES_238	979940.30	3742758.81	20.96	0.00	20.96	
PERIOD		3.56696	ug/m^3	RES_239	979960.30	3742458.81	20.56	0.00	20.56	
PERIOD		2.49461	ug/m^3	RES_240	979960.30	3742478.81	20.73	0.00	20.73	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.74841	ug/m^3	RES_241	979960.30	3742498.81	20.96	0.00	20.96	
PERIOD		1.24682	ug/m^3	RES_242	979960.30	3742518.81	21.20	0.00	21.20	
PERIOD		0.91684	ug/m^3	RES_243	979960.30	3742538.81	21.38	0.00	21.38	
PERIOD		0.70353	ug/m^3	RES_244	979960.30	3742558.81	21.25	0.00	21.25	
PERIOD		0.55503	ug/m^3	RES_245	979960.30	3742578.81	21.11	0.00	21.11	
PERIOD		0.44785	ug/m^3	RES_246	979960.30	3742598.81	21.00	0.00	21.00	
PERIOD		0.36241	ug/m^3	RES_247	979960.30	3742618.81	21.29	0.00	21.29	
PERIOD		0.30163	ug/m^3	RES_248	979960.30	3742638.81	21.40	0.00	21.40	
PERIOD		0.25715	ug/m^3	RES_249	979960.30	3742658.81	21.34	0.00	21.34	
PERIOD		0.22180	ug/m^3	RES_250	979960.30	3742678.81	21.35	0.00	21.35	
PERIOD		0.19362	ug/m^3	RES_251	979960.30	3742698.81	21.38	0.00	21.38	
PERIOD		0.17069	ug/m^3	RES_252	979960.30	3742718.81	21.45	0.00	21.45	
PERIOD		0.15389	ug/m^3	RES_253	979960.30	3742738.81	21.12	0.00	21.12	
PERIOD		0.13924	ug/m^3	RES_254	979960.30	3742758.81	20.84	0.00	20.84	
PERIOD		3.49655	ug/m^3	RES_255	979980.30	3742458.81	20.41	0.00	20.41	
PERIOD		2.49197	ug/m^3	RES_256	979980.30	3742478.81	20.57	0.00	20.57	
PERIOD		1.78677	ug/m^3	RES_257	979980.30	3742498.81	20.78	0.00	20.78	
PERIOD		1.31187	ug/m^3	RES_258	979980.30	3742518.81	20.98	0.00	20.98	
PERIOD		0.99055	ug/m^3	RES_259	979980.30	3742538.81	21.14	0.00	21.14	
PERIOD		0.77360	ug/m^3	RES_260	979980.30	3742558.81	21.05	0.00	21.05	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.61795	ug/m^3	RES_261	979980.30	3742578.81	20.93	0.00	20.93	
PERIOD		0.50304	ug/m^3	RES_262	979980.30	3742598.81	20.80	0.00	20.80	
PERIOD		0.41036	ug/m^3	RES_263	979980.30	3742618.81	21.07	0.00	21.07	
PERIOD		0.34257	ug/m^3	RES_264	979980.30	3742638.81	21.17	0.00	21.17	
PERIOD		0.29181	ug/m^3	RES_265	979980.30	3742658.81	21.11	0.00	21.11	
PERIOD		0.25093	ug/m^3	RES_266	979980.30	3742678.81	21.15	0.00	21.15	
PERIOD		0.21817	ug/m^3	RES_267	979980.30	3742698.81	21.21	0.00	21.21	
PERIOD		0.19167	ug/m^3	RES_268	979980.30	3742718.81	21.27	0.00	21.27	
PERIOD		0.17189	ug/m^3	RES_269	979980.30	3742738.81	20.91	0.00	20.91	
PERIOD		0.15479	ug/m^3	RES_270	979980.30	3742758.81	20.58	0.00	20.58	
PERIOD		3.38338	ug/m^3	RES_271	980000.30	3742458.81	20.18	0.00	20.18	
PERIOD		2.43978	ug/m^3	RES_272	980000.30	3742478.81	20.34	0.00	20.34	
PERIOD		1.78300	ug/m^3	RES_273	980000.30	3742498.81	20.51	0.00	20.51	
PERIOD		1.33756	ug/m^3	RES_274	980000.30	3742518.81	20.69	0.00	20.69	
PERIOD		1.03040	ug/m^3	RES_275	980000.30	3742538.81	20.86	0.00	20.86	
PERIOD		0.81891	ug/m^3	RES_276	980000.30	3742558.81	20.80	0.00	20.80	
PERIOD		0.66337	ug/m^3	RES_277	980000.30	3742578.81	20.71	0.00	20.71	
PERIOD		0.54584	ug/m^3	RES_278	980000.30	3742598.81	20.61	0.00	20.61	
PERIOD		0.45060	ug/m^3	RES_279	980000.30	3742618.81	20.84	0.00	20.84	
PERIOD		0.37928	ug/m^3	RES_280	980000.30	3742638.81	20.89	0.00	20.89	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.32529	ug/m^3	RES_281	980000.30	3742658.81	20.70	0.00	20.70	
PERIOD		0.27995	ug/m^3	RES_282	980000.30	3742678.81	20.78	0.00	20.78	
PERIOD		0.24325	ug/m^3	RES_283	980000.30	3742698.81	20.88	0.00	20.88	
PERIOD		0.21341	ug/m^3	RES_284	980000.30	3742718.81	20.97	0.00	20.97	
PERIOD		0.19016	ug/m^3	RES_285	980000.30	3742738.81	20.73	0.00	20.73	
PERIOD		0.17050	ug/m^3	RES_286	980000.30	3742758.81	20.49	0.00	20.49	
PERIOD		1.34072	ug/m^3	RES_287	980020.30	3742518.81	20.33	0.00	20.33	
PERIOD		1.04886	ug/m^3	RES_288	980020.30	3742538.81	20.52	0.00	20.52	
PERIOD		0.84607	ug/m^3	RES_289	980020.30	3742558.81	20.48	0.00	20.48	
PERIOD		0.69401	ug/m^3	RES_290	980020.30	3742578.81	20.43	0.00	20.43	
PERIOD		0.57679	ug/m^3	RES_291	980020.30	3742598.81	20.40	0.00	20.40	
PERIOD		0.48233	ug/m^3	RES_292	980020.30	3742618.81	20.58	0.00	20.58	
PERIOD		0.40968	ug/m^3	RES_293	980020.30	3742638.81	20.61	0.00	20.61	
PERIOD		0.35364	ug/m^3	RES_294	980020.30	3742658.81	20.38	0.00	20.38	
PERIOD		0.30550	ug/m^3	RES_295	980020.30	3742678.81	20.49	0.00	20.49	
PERIOD		0.26597	ug/m^3	RES_296	980020.30	3742698.81	20.65	0.00	20.65	
PERIOD		0.23372	ug/m^3	RES_297	980020.30	3742718.81	20.75	0.00	20.75	
PERIOD		0.20785	ug/m^3	RES_298	980020.30	3742738.81	20.61	0.00	20.61	
PERIOD		0.18598	ug/m^3	RES_299	980020.30	3742758.81	20.47	0.00	20.47	
PERIOD		0.43327	ug/m^3	RES_300	980040.30	3742638.81	20.36	0.00	20.36	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.37578	ug/m^3	RES_301	980040.30	3742658.81	20.23	0.00	20.23	
PERIOD		0.32669	ug/m^3	RES_302	980040.30	3742678.81	20.34	0.00	20.34	
PERIOD		0.28594	ug/m^3	RES_303	980040.30	3742698.81	20.47	0.00	20.47	
PERIOD		0.25230	ug/m^3	RES_304	980040.30	3742718.81	20.54	0.00	20.54	
PERIOD		0.22455	ug/m^3	RES_305	980040.30	3742738.81	20.47	0.00	20.47	
PERIOD		3.97266	ug/m^3	RES_306	980047.32	3742438.94	19.50	0.00	19.50	
PERIOD		2.91775	ug/m^3	RES_307	980047.32	3742458.94	19.54	0.00	19.54	
PERIOD		2.18015	ug/m^3	RES_308	980047.32	3742478.94	19.63	0.00	19.63	
PERIOD		1.66920	ug/m^3	RES_309	980047.32	3742498.94	19.73	0.00	19.73	
PERIOD		1.31028	ug/m^3	RES_310	980047.32	3742518.94	19.83	0.00	19.83	
PERIOD		1.05129	ug/m^3	RES_311	980047.32	3742538.94	19.93	0.00	19.93	
PERIOD		3.09731	ug/m^3	RES_312	980067.32	3742418.94	19.54	0.00	19.54	
PERIOD		3.60793	ug/m^3	RES_313	980067.32	3742438.94	19.61	0.00	19.61	
PERIOD		2.66646	ug/m^3	RES_314	980067.32	3742458.94	19.66	0.00	19.66	
PERIOD		2.02363	ug/m^3	RES_315	980067.32	3742478.94	19.67	0.00	19.67	
PERIOD		1.57685	ug/m^3	RES_316	980067.32	3742498.94	19.74	0.00	19.74	
PERIOD		1.25938	ug/m^3	RES_317	980067.32	3742518.94	19.80	0.00	19.80	
PERIOD		1.02768	ug/m^3	RES_318	980067.32	3742538.94	19.83	0.00	19.83	
PERIOD		0.85377	ug/m^3	RES_319	980067.32	3742558.94	19.82	0.00	19.82	
PERIOD		0.71898	ug/m^3	RES_320	980067.32	3742578.94	19.83	0.00	19.83	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		4.40951	ug/m^3	RES_321	980087.32	3742418.94	19.57	0.00	19.57	
PERIOD		3.19913	ug/m^3	RES_322	980087.32	3742438.94	19.76	0.00	19.76	
PERIOD		2.39162	ug/m^3	RES_323	980087.32	3742458.94	19.86	0.00	19.86	
PERIOD		1.85467	ug/m^3	RES_324	980087.32	3742478.94	19.84	0.00	19.84	
PERIOD		1.47280	ug/m^3	RES_325	980087.32	3742498.94	19.90	0.00	19.90	
PERIOD		1.19776	ug/m^3	RES_326	980087.32	3742518.94	19.93	0.00	19.93	
PERIOD		0.99396	ug/m^3	RES_327	980087.32	3742538.94	19.90	0.00	19.90	
PERIOD		0.83702	ug/m^3	RES_328	980087.32	3742558.94	19.87	0.00	19.87	
PERIOD		0.71301	ug/m^3	RES_329	980087.32	3742578.94	19.87	0.00	19.87	
PERIOD		3.56599	ug/m^3	RES_330	980107.32	3742398.94	19.38	0.00	19.38	
PERIOD		3.80663	ug/m^3	RES_331	980107.32	3742418.94	19.62	0.00	19.62	
PERIOD		2.79877	ug/m^3	RES_332	980107.32	3742438.94	19.87	0.00	19.87	
PERIOD		2.14224	ug/m^3	RES_333	980107.32	3742458.94	20.01	0.00	20.01	
PERIOD		1.69500	ug/m^3	RES_334	980107.32	3742478.94	20.03	0.00	20.03	
PERIOD		1.37373	ug/m^3	RES_335	980107.32	3742498.94	20.07	0.00	20.07	
PERIOD		1.13643	ug/m^3	RES_336	980107.32	3742518.94	20.08	0.00	20.08	
PERIOD		0.95610	ug/m^3	RES_337	980107.32	3742538.94	20.05	0.00	20.05	
PERIOD		0.81512	ug/m^3	RES_338	980107.32	3742558.94	20.01	0.00	20.01	
PERIOD		0.70225	ug/m^3	RES_339	980107.32	3742578.94	19.98	0.00	19.98	
PERIOD		4.45040	ug/m^3	RES_340	980127.32	3742398.94	19.43	0.00	19.43	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.23456	ug/m^3	RES_341	980127.32	3742418.94	19.68	0.00	19.68	
PERIOD		2.45782	ug/m^3	RES_342	980127.32	3742438.94	19.89	0.00	19.89	
PERIOD		1.93105	ug/m^3	RES_343	980127.32	3742458.94	20.05	0.00	20.05	
PERIOD		1.55906	ug/m^3	RES_344	980127.32	3742478.94	20.16	0.00	20.16	
PERIOD		1.28665	ug/m^3	RES_345	980127.32	3742498.94	20.20	0.00	20.20	
PERIOD		1.08042	ug/m^3	RES_346	980127.32	3742518.94	20.21	0.00	20.21	
PERIOD		0.91997	ug/m^3	RES_347	980127.32	3742538.94	20.20	0.00	20.20	
PERIOD		0.79251	ug/m^3	RES_348	980127.32	3742558.94	20.17	0.00	20.17	
PERIOD		0.68903	ug/m^3	RES_349	980127.32	3742578.94	20.15	0.00	20.15	
PERIOD		0.60366	ug/m^3	RES_350	980127.32	3742598.94	20.14	0.00	20.14	
PERIOD		3.81201	ug/m^3	RES_351	980147.32	3742378.94	19.27	0.00	19.27	
PERIOD		3.66067	ug/m^3	RES_352	980147.32	3742398.94	19.54	0.00	19.54	
PERIOD		2.77098	ug/m^3	RES_353	980147.32	3742418.94	19.69	0.00	19.69	
PERIOD		2.17304	ug/m^3	RES_354	980147.32	3742438.94	19.83	0.00	19.83	
PERIOD		1.75149	ug/m^3	RES_355	980147.32	3742458.94	19.97	0.00	19.97	
PERIOD		1.44249	ug/m^3	RES_356	980147.32	3742478.94	20.13	0.00	20.13	
PERIOD		1.20967	ug/m^3	RES_357	980147.32	3742498.94	20.24	0.00	20.24	
PERIOD		1.02919	ug/m^3	RES_358	980147.32	3742518.94	20.31	0.00	20.31	
PERIOD		0.88664	ug/m^3	RES_359	980147.32	3742538.94	20.30	0.00	20.30	
PERIOD		0.77093	ug/m^3	RES_360	980147.32	3742558.94	20.31	0.00	20.31	

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9/18/2025

Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.67570	ug/m^3	RES_361	980147.32	3742578.94	20.32	0.00	20.32	
PERIOD		0.59617	ug/m^3	RES_362	980147.32	3742598.94	20.34	0.00	20.34	
PERIOD		0.52854	ug/m^3	RES_363	980147.32	3742618.94	20.43	0.00	20.43	
PERIOD		4.09168	ug/m^3	RES_364	980167.32	3742378.94	19.31	0.00	19.31	
PERIOD		3.07772	ug/m^3	RES_365	980167.32	3742398.94	19.53	0.00	19.53	
PERIOD		2.40569	ug/m^3	RES_366	980167.32	3742418.94	19.73	0.00	19.73	
PERIOD		1.93729	ug/m^3	RES_367	980167.32	3742438.94	19.87	0.00	19.87	
PERIOD		1.59692	ug/m^3	RES_368	980167.32	3742458.94	20.01	0.00	20.01	
PERIOD		1.33950	ug/m^3	RES_369	980167.32	3742478.94	20.19	0.00	20.19	
PERIOD		1.14081	ug/m^3	RES_370	980167.32	3742498.94	20.29	0.00	20.29	
PERIOD		0.98355	ug/m^3	RES_371	980167.32	3742518.94	20.33	0.00	20.33	
PERIOD		0.85606	ug/m^3	RES_372	980167.32	3742538.94	20.36	0.00	20.36	
PERIOD		0.75153	ug/m^3	RES_373	980167.32	3742558.94	20.34	0.00	20.34	
PERIOD		0.66450	ug/m^3	RES_374	980167.32	3742578.94	20.29	0.00	20.29	
PERIOD		0.59037	ug/m^3	RES_375	980167.32	3742598.94	20.31	0.00	20.31	
PERIOD		0.52641	ug/m^3	RES_376	980167.32	3742618.94	20.43	0.00	20.43	
PERIOD		0.47105	ug/m^3	RES_377	980167.32	3742638.94	20.62	0.00	20.62	
PERIOD		0.42324	ug/m^3	RES_378	980167.32	3742658.94	20.80	0.00	20.80	
PERIOD		4.54965	ug/m^3	RES_379	980187.32	3742358.94	19.11	0.00	19.11	
PERIOD		3.41170	ug/m^3	RES_380	980187.32	3742378.94	19.26	0.00	19.26	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.65437	ug/m^3	RES_381	980187.32	3742398.94	19.43	0.00	19.43	
PERIOD		2.12858	ug/m^3	RES_382	980187.32	3742418.94	19.67	0.00	19.67	
PERIOD		1.75159	ug/m^3	RES_383	980187.32	3742438.94	19.85	0.00	19.85	
PERIOD		1.47041	ug/m^3	RES_384	980187.32	3742458.94	20.02	0.00	20.02	
PERIOD		1.25340	ug/m^3	RES_385	980187.32	3742478.94	20.17	0.00	20.17	
PERIOD		1.08240	ug/m^3	RES_386	980187.32	3742498.94	20.22	0.00	20.22	
PERIOD		0.94425	ug/m^3	RES_387	980187.32	3742518.94	20.22	0.00	20.22	
PERIOD		0.82994	ug/m^3	RES_388	980187.32	3742538.94	20.25	0.00	20.25	
PERIOD		0.73419	ug/m^3	RES_389	980187.32	3742558.94	20.29	0.00	20.29	
PERIOD		0.65285	ug/m^3	RES_390	980187.32	3742578.94	20.36	0.00	20.36	
PERIOD		0.58328	ug/m^3	RES_391	980187.32	3742598.94	20.44	0.00	20.44	
PERIOD		0.52275	ug/m^3	RES_392	980187.32	3742618.94	20.61	0.00	20.61	
PERIOD		0.46990	ug/m^3	RES_393	980187.32	3742638.94	20.86	0.00	20.86	
PERIOD		0.42460	ug/m^3	RES_394	980187.32	3742658.94	20.93	0.00	20.93	
PERIOD		0.38525	ug/m^3	RES_395	980187.32	3742678.94	20.90	0.00	20.90	
PERIOD		5.04513	ug/m^3	RES_396	980207.32	3742338.94	18.87	0.00	18.87	
PERIOD		3.78083	ug/m^3	RES_397	980207.32	3742358.94	19.03	0.00	19.03	
PERIOD		2.93242	ug/m^3	RES_398	980207.32	3742378.94	19.15	0.00	19.15	
PERIOD		2.34366	ug/m^3	RES_399	980207.32	3742398.94	19.30	0.00	19.30	
PERIOD		1.92042	ug/m^3	RES_400	980207.32	3742418.94	19.53	0.00	19.53	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.60751	ug/m^3	RES_401	980207.32	3742438.94	19.78	0.00	19.78	
PERIOD		1.36929	ug/m^3	RES_402	980207.32	3742458.94	20.00	0.00	20.00	
PERIOD		1.18341	ug/m^3	RES_403	980207.32	3742478.94	20.08	0.00	20.08	
PERIOD		1.03381	ug/m^3	RES_404	980207.32	3742498.94	20.10	0.00	20.10	
PERIOD		0.91085	ug/m^3	RES_405	980207.32	3742518.94	20.08	0.00	20.08	
PERIOD		0.80747	ug/m^3	RES_406	980207.32	3742538.94	20.10	0.00	20.10	
PERIOD		0.71908	ug/m^3	RES_407	980207.32	3742558.94	20.20	0.00	20.20	
PERIOD		0.64282	ug/m^3	RES_408	980207.32	3742578.94	20.37	0.00	20.37	
PERIOD		0.57676	ug/m^3	RES_409	980207.32	3742598.94	20.58	0.00	20.58	
PERIOD		0.51934	ug/m^3	RES_410	980207.32	3742618.94	20.79	0.00	20.79	
PERIOD		0.46926	ug/m^3	RES_411	980207.32	3742638.94	20.97	0.00	20.97	
PERIOD		0.42615	ug/m^3	RES_412	980207.32	3742658.94	20.92	0.00	20.92	
PERIOD		0.38803	ug/m^3	RES_413	980207.32	3742678.94	20.88	0.00	20.88	
PERIOD		0.35394	ug/m^3	RES_414	980207.32	3742698.94	20.93	0.00	20.93	
PERIOD		4.17163	ug/m^3	RES_415	980227.32	3742338.94	18.91	0.00	18.91	
PERIOD		3.23645	ug/m^3	RES_416	980227.32	3742358.94	18.95	0.00	18.95	
PERIOD		2.57708	ug/m^3	RES_417	980227.32	3742378.94	19.13	0.00	19.13	
PERIOD		2.10439	ug/m^3	RES_418	980227.32	3742398.94	19.35	0.00	19.35	
PERIOD		1.75913	ug/m^3	RES_419	980227.32	3742418.94	19.53	0.00	19.53	
PERIOD		1.49561	ug/m^3	RES_420	980227.32	3742438.94	19.76	0.00	19.76	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.28999	ug/m^3	RES_421	980227.32	3742458.94	19.98	0.00	19.98	
PERIOD		1.12792	ug/m^3	RES_422	980227.32	3742478.94	19.98	0.00	19.98	
PERIOD		0.99471	ug/m^3	RES_423	980227.32	3742498.94	19.98	0.00	19.98	
PERIOD		0.88342	ug/m^3	RES_424	980227.32	3742518.94	19.97	0.00	19.97	
PERIOD		0.78871	ug/m^3	RES_425	980227.32	3742538.94	19.99	0.00	19.99	
PERIOD		0.70646	ug/m^3	RES_426	980227.32	3742558.94	20.12	0.00	20.12	
PERIOD		0.63452	ug/m^3	RES_427	980227.32	3742578.94	20.36	0.00	20.36	
PERIOD		0.57158	ug/m^3	RES_428	980227.32	3742598.94	20.66	0.00	20.66	
PERIOD		0.51686	ug/m^3	RES_429	980227.32	3742618.94	20.88	0.00	20.88	
PERIOD		0.46922	ug/m^3	RES_430	980227.32	3742638.94	20.96	0.00	20.96	
PERIOD		0.42762	ug/m^3	RES_431	980227.32	3742658.94	20.89	0.00	20.89	
PERIOD		0.39047	ug/m^3	RES_432	980227.32	3742678.94	20.88	0.00	20.88	
PERIOD		0.35683	ug/m^3	RES_433	980227.32	3742698.94	21.04	0.00	21.04	
PERIOD		0.32710	ug/m^3	RES_434	980227.32	3742718.94	21.12	0.00	21.12	
PERIOD		0.30053	ug/m^3	RES_435	980227.32	3742738.94	21.20	0.00	21.20	
PERIOD		4.63112	ug/m^3	RES_436	980247.32	3742318.94	18.81	0.00	18.81	
PERIOD		3.57123	ug/m^3	RES_437	980247.32	3742338.94	18.91	0.00	18.91	
PERIOD		2.84365	ug/m^3	RES_438	980247.32	3742358.94	19.02	0.00	19.02	
PERIOD		2.31847	ug/m^3	RES_439	980247.32	3742378.94	19.18	0.00	19.18	
PERIOD		1.93250	ug/m^3	RES_440	980247.32	3742398.94	19.35	0.00	19.35	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.63952	ug/m^3	RES_441	980247.32	3742418.94	19.55	0.00	19.55	
PERIOD		1.41104	ug/m^3	RES_442	980247.32	3742438.94	19.78	0.00	19.78	
PERIOD		1.22949	ug/m^3	RES_443	980247.32	3742458.94	19.99	0.00	19.99	
PERIOD		1.08436	ug/m^3	RES_444	980247.32	3742478.94	19.99	0.00	19.99	
PERIOD		0.96395	ug/m^3	RES_445	980247.32	3742498.94	19.95	0.00	19.95	
PERIOD		0.86234	ug/m^3	RES_446	980247.32	3742518.94	19.89	0.00	19.89	
PERIOD		0.77359	ug/m^3	RES_447	980247.32	3742538.94	19.98	0.00	19.98	
PERIOD		0.69611	ug/m^3	RES_448	980247.32	3742558.94	20.15	0.00	20.15	
PERIOD		0.62784	ug/m^3	RES_449	980247.32	3742578.94	20.42	0.00	20.42	
PERIOD		0.56819	ug/m^3	RES_450	980247.32	3742598.94	20.65	0.00	20.65	
PERIOD		0.51596	ug/m^3	RES_451	980247.32	3742618.94	20.79	0.00	20.79	
PERIOD		0.47010	ug/m^3	RES_452	980247.32	3742638.94	20.82	0.00	20.82	
PERIOD		0.42932	ug/m^3	RES_453	980247.32	3742658.94	20.84	0.00	20.84	
PERIOD		0.39283	ug/m^3	RES_454	980247.32	3742678.94	20.90	0.00	20.90	
PERIOD		0.36001	ug/m^3	RES_455	980247.32	3742698.94	21.03	0.00	21.03	
PERIOD		0.33074	ug/m^3	RES_456	980247.32	3742718.94	21.14	0.00	21.14	
PERIOD		0.30449	ug/m^3	RES_457	980247.32	3742738.94	21.26	0.00	21.26	
PERIOD		0.28089	ug/m^3	RES_458	980247.32	3742758.94	21.37	0.00	21.37	
PERIOD		5.20099	ug/m^3	RES_459	980267.32	3742298.94	18.83	0.00	18.83	
PERIOD		3.99635	ug/m^3	RES_460	980267.32	3742318.94	18.86	0.00	18.86	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.17037	ug/m^3	RES_461	980267.32	3742338.94	18.88	0.00	18.88	
PERIOD		2.57644	ug/m^3	RES_462	980267.32	3742358.94	19.08	0.00	19.08	
PERIOD		2.14118	ug/m^3	RES_463	980267.32	3742378.94	19.23	0.00	19.23	
PERIOD		1.81346	ug/m^3	RES_464	980267.32	3742398.94	19.36	0.00	19.36	
PERIOD		1.55718	ug/m^3	RES_465	980267.32	3742418.94	19.54	0.00	19.54	
PERIOD		1.35320	ug/m^3	RES_466	980267.32	3742438.94	19.74	0.00	19.74	
PERIOD		1.18821	ug/m^3	RES_467	980267.32	3742458.94	19.93	0.00	19.93	
PERIOD		1.05494	ug/m^3	RES_468	980267.32	3742478.94	19.93	0.00	19.93	
PERIOD		0.94285	ug/m^3	RES_469	980267.32	3742498.94	19.92	0.00	19.92	
PERIOD		0.84725	ug/m^3	RES_470	980267.32	3742518.94	19.90	0.00	19.90	
PERIOD		0.76331	ug/m^3	RES_471	980267.32	3742538.94	20.00	0.00	20.00	
PERIOD		0.68956	ug/m^3	RES_472	980267.32	3742558.94	20.16	0.00	20.16	
PERIOD		0.62412	ug/m^3	RES_473	980267.32	3742578.94	20.41	0.00	20.41	
PERIOD		0.56728	ug/m^3	RES_474	980267.32	3742598.94	20.50	0.00	20.50	
PERIOD		0.51695	ug/m^3	RES_475	980267.32	3742618.94	20.55	0.00	20.55	
PERIOD		0.47223	ug/m^3	RES_476	980267.32	3742638.94	20.57	0.00	20.57	
PERIOD		0.43167	ug/m^3	RES_477	980267.32	3742658.94	20.74	0.00	20.74	
PERIOD		0.39549	ug/m^3	RES_478	980267.32	3742678.94	20.91	0.00	20.91	
PERIOD		0.36371	ug/m^3	RES_479	980267.32	3742698.94	20.90	0.00	20.90	
PERIOD		0.33468	ug/m^3	RES_480	980267.32	3742718.94	21.07	0.00	21.07	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.30846	ug/m^3	RES_481	980267.32	3742738.94	21.30	0.00	21.30	
PERIOD		0.28493	ug/m^3	RES_482	980267.32	3742758.94	21.49	0.00	21.49	
PERIOD		0.26417	ug/m^3	RES_483	980267.32	3742778.94	21.48	0.00	21.48	
PERIOD		5.98639	ug/m^3	RES_484	980287.32	3742278.94	18.85	0.00	18.85	
PERIOD		4.55940	ug/m^3	RES_485	980287.32	3742298.94	18.91	0.00	18.91	
PERIOD		3.60165	ug/m^3	RES_486	980287.32	3742318.94	18.89	0.00	18.89	
PERIOD		2.92278	ug/m^3	RES_487	980287.32	3742338.94	18.90	0.00	18.90	
PERIOD		2.41685	ug/m^3	RES_488	980287.32	3742358.94	19.08	0.00	19.08	
PERIOD		2.03675	ug/m^3	RES_489	980287.32	3742378.94	19.24	0.00	19.24	
PERIOD		1.74227	ug/m^3	RES_490	980287.32	3742398.94	19.39	0.00	19.39	
PERIOD		1.50926	ug/m^3	RES_491	980287.32	3742418.94	19.53	0.00	19.53	
PERIOD		1.32131	ug/m^3	RES_492	980287.32	3742438.94	19.66	0.00	19.66	
PERIOD		1.16673	ug/m^3	RES_493	980287.32	3742458.94	19.80	0.00	19.80	
PERIOD		1.04011	ug/m^3	RES_494	980287.32	3742478.94	19.82	0.00	19.82	
PERIOD		0.93243	ug/m^3	RES_495	980287.32	3742498.94	19.86	0.00	19.86	
PERIOD		0.83960	ug/m^3	RES_496	980287.32	3742518.94	19.93	0.00	19.93	
PERIOD		0.75841	ug/m^3	RES_497	980287.32	3742538.94	20.05	0.00	20.05	
PERIOD		0.68692	ug/m^3	RES_498	980287.32	3742558.94	20.20	0.00	20.20	
PERIOD		0.62360	ug/m^3	RES_499	980287.32	3742578.94	20.37	0.00	20.37	
PERIOD		0.56867	ug/m^3	RES_500	980287.32	3742598.94	20.34	0.00	20.34	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.51963	ug/m^3	RES_501	980287.32	3742618.94	20.31	0.00	20.31	
PERIOD		0.47472	ug/m^3	RES_502	980287.32	3742638.94	20.49	0.00	20.49	
PERIOD		0.43464	ug/m^3	RES_503	980287.32	3742658.94	20.68	0.00	20.68	
PERIOD		0.39893	ug/m^3	RES_504	980287.32	3742678.94	20.85	0.00	20.85	
PERIOD		0.36730	ug/m^3	RES_505	980287.32	3742698.94	20.92	0.00	20.92	
PERIOD		0.33884	ug/m^3	RES_506	980287.32	3742718.94	21.01	0.00	21.01	
PERIOD		0.31319	ug/m^3	RES_507	980287.32	3742738.94	21.11	0.00	21.11	
PERIOD		0.28987	ug/m^3	RES_508	980287.32	3742758.94	21.29	0.00	21.29	
PERIOD		0.26926	ug/m^3	RES_509	980287.32	3742778.94	21.26	0.00	21.26	
PERIOD		5.41273	ug/m^3	RES_510	980307.32	3742278.94	18.95	0.00	18.95	
PERIOD		4.22268	ug/m^3	RES_511	980307.32	3742298.94	19.01	0.00	19.01	
PERIOD		3.39331	ug/m^3	RES_512	980307.32	3742318.94	19.09	0.00	19.09	
PERIOD		2.79000	ug/m^3	RES_513	980307.32	3742338.94	19.19	0.00	19.19	
PERIOD		2.35150	ug/m^3	RES_514	980307.32	3742358.94	19.13	0.00	19.13	
PERIOD		2.00294	ug/m^3	RES_515	980307.32	3742378.94	19.22	0.00	19.22	
PERIOD		1.72041	ug/m^3	RES_516	980307.32	3742398.94	19.42	0.00	19.42	
PERIOD		1.49789	ug/m^3	RES_517	980307.32	3742418.94	19.52	0.00	19.52	
PERIOD		1.31646	ug/m^3	RES_518	980307.32	3742438.94	19.60	0.00	19.60	
PERIOD		1.16723	ug/m^3	RES_519	980307.32	3742458.94	19.64	0.00	19.64	
PERIOD		1.04157	ug/m^3	RES_520	980307.32	3742478.94	19.69	0.00	19.69	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.93397	ug/m^3	RES_521	980307.32	3742498.94	19.79	0.00	19.79	
PERIOD		0.84061	ug/m^3	RES_522	980307.32	3742518.94	19.96	0.00	19.96	
PERIOD		0.75973	ug/m^3	RES_523	980307.32	3742538.94	20.12	0.00	20.12	
PERIOD		0.68905	ug/m^3	RES_524	980307.32	3742558.94	20.24	0.00	20.24	
PERIOD		0.62684	ug/m^3	RES_525	980307.32	3742578.94	20.31	0.00	20.31	
PERIOD		0.57239	ug/m^3	RES_526	980307.32	3742598.94	20.25	0.00	20.25	
PERIOD		0.52344	ug/m^3	RES_527	980307.32	3742618.94	20.24	0.00	20.24	
PERIOD		0.47828	ug/m^3	RES_528	980307.32	3742638.94	20.49	0.00	20.49	
PERIOD		0.43852	ug/m^3	RES_529	980307.32	3742658.94	20.66	0.00	20.66	
PERIOD		0.40324	ug/m^3	RES_530	980307.32	3742678.94	20.78	0.00	20.78	
PERIOD		0.37157	ug/m^3	RES_531	980307.32	3742698.94	20.92	0.00	20.92	
PERIOD		0.34329	ug/m^3	RES_532	980307.32	3742718.94	21.01	0.00	21.01	
PERIOD		0.31797	ug/m^3	RES_533	980307.32	3742738.94	21.04	0.00	21.04	
PERIOD		0.29521	ug/m^3	RES_534	980307.32	3742758.94	21.02	0.00	21.02	
PERIOD		0.27466	ug/m^3	RES_535	980307.32	3742778.94	20.96	0.00	20.96	
PERIOD		6.99599	ug/m^3	RES_536	980327.32	3742258.94	18.84	0.00	18.84	
PERIOD		5.33761	ug/m^3	RES_537	980327.32	3742278.94	19.00	0.00	19.00	
PERIOD		4.21255	ug/m^3	RES_538	980327.32	3742298.94	19.09	0.00	19.09	
PERIOD		3.40511	ug/m^3	RES_539	980327.32	3742318.94	19.20	0.00	19.20	
PERIOD		2.81660	ug/m^3	RES_540	980327.32	3742338.94	19.30	0.00	19.30	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.38081	ug/m^3	RES_541	980327.32	3742358.94	19.30	0.00	19.30	
PERIOD		2.03694	ug/m^3	RES_542	980327.32	3742378.94	19.33	0.00	19.33	
PERIOD		1.76116	ug/m^3	RES_543	980327.32	3742398.94	19.36	0.00	19.36	
PERIOD		1.53405	ug/m^3	RES_544	980327.32	3742418.94	19.43	0.00	19.43	
PERIOD		1.34611	ug/m^3	RES_545	980327.32	3742438.94	19.51	0.00	19.51	
PERIOD		1.18950	ug/m^3	RES_546	980327.32	3742458.94	19.60	0.00	19.60	
PERIOD		1.05901	ug/m^3	RES_547	980327.32	3742478.94	19.68	0.00	19.68	
PERIOD		0.94776	ug/m^3	RES_548	980327.32	3742498.94	19.81	0.00	19.81	
PERIOD		0.85062	ug/m^3	RES_549	980327.32	3742518.94	20.06	0.00	20.06	
PERIOD		0.76841	ug/m^3	RES_550	980327.32	3742538.94	20.20	0.00	20.20	
PERIOD		0.69694	ug/m^3	RES_551	980327.32	3742558.94	20.27	0.00	20.27	
PERIOD		0.63479	ug/m^3	RES_552	980327.32	3742578.94	20.22	0.00	20.22	
PERIOD		0.57887	ug/m^3	RES_553	980327.32	3742598.94	20.24	0.00	20.24	
PERIOD		0.52875	ug/m^3	RES_554	980327.32	3742618.94	20.32	0.00	20.32	
PERIOD		0.48368	ug/m^3	RES_555	980327.32	3742638.94	20.50	0.00	20.50	
PERIOD		0.44390	ug/m^3	RES_556	980327.32	3742658.94	20.64	0.00	20.64	
PERIOD		0.40858	ug/m^3	RES_557	980327.32	3742678.94	20.75	0.00	20.75	
PERIOD		0.37690	ug/m^3	RES_558	980327.32	3742698.94	20.88	0.00	20.88	
PERIOD		0.34869	ug/m^3	RES_559	980327.32	3742718.94	20.94	0.00	20.94	
PERIOD		0.32348	ug/m^3	RES_560	980327.32	3742738.94	20.92	0.00	20.92	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.30088	ug/m^3	RES_561	980327.32	3742758.94	20.82	0.00	20.82	
PERIOD		7.23773	ug/m^3	RES_562	980347.32	3742258.94	18.77	0.00	18.77	
PERIOD		5.88597	ug/m^3	RES_563	980347.32	3742278.94	19.00	0.00	19.00	
PERIOD		4.57738	ug/m^3	RES_564	980347.32	3742298.94	19.17	0.00	19.17	
PERIOD		3.67517	ug/m^3	RES_565	980347.32	3742318.94	19.29	0.00	19.29	
PERIOD		3.03058	ug/m^3	RES_566	980347.32	3742338.94	19.35	0.00	19.35	
PERIOD		2.54079	ug/m^3	RES_567	980347.32	3742358.94	19.42	0.00	19.42	
PERIOD		2.16501	ug/m^3	RES_568	980347.32	3742378.94	19.44	0.00	19.44	
PERIOD		1.86778	ug/m^3	RES_569	980347.32	3742398.94	19.40	0.00	19.40	
PERIOD		1.62437	ug/m^3	RES_570	980347.32	3742418.94	19.35	0.00	19.35	
PERIOD		1.42119	ug/m^3	RES_571	980347.32	3742438.94	19.35	0.00	19.35	
PERIOD		1.24863	ug/m^3	RES_572	980347.32	3742458.94	19.47	0.00	19.47	
PERIOD		1.10280	ug/m^3	RES_573	980347.32	3742478.94	19.60	0.00	19.60	
PERIOD		0.98053	ug/m^3	RES_574	980347.32	3742498.94	19.77	0.00	19.77	
PERIOD		0.87642	ug/m^3	RES_575	980347.32	3742518.94	19.99	0.00	19.99	
PERIOD		0.78905	ug/m^3	RES_576	980347.32	3742538.94	20.11	0.00	20.11	
PERIOD		0.71368	ug/m^3	RES_577	980347.32	3742558.94	20.16	0.00	20.16	
PERIOD		0.64879	ug/m^3	RES_578	980347.32	3742578.94	20.10	0.00	20.10	
PERIOD		0.58995	ug/m^3	RES_579	980347.32	3742598.94	20.18	0.00	20.18	
PERIOD		0.53765	ug/m^3	RES_580	980347.32	3742618.94	20.33	0.00	20.33	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.49192	ug/m^3	RES_581	980347.32	3742638.94	20.45	0.00	20.45	
PERIOD		0.45135	ug/m^3	RES_582	980347.32	3742658.94	20.60	0.00	20.60	
PERIOD		0.41521	ug/m^3	RES_583	980347.32	3742678.94	20.78	0.00	20.78	
PERIOD		0.38364	ug/m^3	RES_584	980347.32	3742698.94	20.80	0.00	20.80	
PERIOD		0.35542	ug/m^3	RES_585	980347.32	3742718.94	20.78	0.00	20.78	
PERIOD		0.33012	ug/m^3	RES_586	980347.32	3742738.94	20.71	0.00	20.71	
PERIOD		5.47392	ug/m^3	RES_587	980367.32	3742298.94	19.21	0.00	19.21	
PERIOD		4.32699	ug/m^3	RES_588	980367.32	3742318.94	19.35	0.00	19.35	
PERIOD		3.49728	ug/m^3	RES_589	980367.32	3742338.94	19.38	0.00	19.38	
PERIOD		2.88463	ug/m^3	RES_590	980367.32	3742358.94	19.47	0.00	19.47	
PERIOD		2.42725	ug/m^3	RES_591	980367.32	3742378.94	19.49	0.00	19.49	
PERIOD		2.07454	ug/m^3	RES_592	980367.32	3742398.94	19.44	0.00	19.44	
PERIOD		1.78886	ug/m^3	RES_593	980367.32	3742418.94	19.35	0.00	19.35	
PERIOD		1.55099	ug/m^3	RES_594	980367.32	3742438.94	19.30	0.00	19.30	
PERIOD		1.35271	ug/m^3	RES_595	980367.32	3742458.94	19.31	0.00	19.31	
PERIOD		1.18439	ug/m^3	RES_596	980367.32	3742478.94	19.45	0.00	19.45	
PERIOD		1.04156	ug/m^3	RES_597	980367.32	3742498.94	19.63	0.00	19.63	
PERIOD		0.92239	ug/m^3	RES_598	980367.32	3742518.94	19.84	0.00	19.84	
PERIOD		0.82513	ug/m^3	RES_599	980367.32	3742538.94	19.92	0.00	19.92	
PERIOD		0.74200	ug/m^3	RES_600	980367.32	3742558.94	19.96	0.00	19.96	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.66902	ug/m^3	RES_601	980367.32	3742578.94	20.06	0.00	20.06	
PERIOD		0.60597	ug/m^3	RES_602	980367.32	3742598.94	20.16	0.00	20.16	
PERIOD		0.55137	ug/m^3	RES_603	980367.32	3742618.94	20.26	0.00	20.26	
PERIOD		0.50330	ug/m^3	RES_604	980367.32	3742638.94	20.42	0.00	20.42	
PERIOD		0.46133	ug/m^3	RES_605	980367.32	3742658.94	20.57	0.00	20.57	
PERIOD		0.42440	ug/m^3	RES_606	980367.32	3742678.94	20.70	0.00	20.70	
PERIOD		0.39236	ug/m^3	RES_607	980367.32	3742698.94	20.66	0.00	20.66	
PERIOD		0.36363	ug/m^3	RES_608	980367.32	3742718.94	20.61	0.00	20.61	
PERIOD		5.56975	ug/m^3	RES_609	980387.32	3742318.94	19.26	0.00	19.26	
PERIOD		4.32469	ug/m^3	RES_610	980387.32	3742338.94	19.45	0.00	19.45	
PERIOD		3.50415	ug/m^3	RES_611	980387.32	3742358.94	19.49	0.00	19.49	
PERIOD		2.90474	ug/m^3	RES_612	980387.32	3742378.94	19.47	0.00	19.47	
PERIOD		2.44239	ug/m^3	RES_613	980387.32	3742398.94	19.40	0.00	19.40	
PERIOD		2.07098	ug/m^3	RES_614	980387.32	3742418.94	19.39	0.00	19.39	
PERIOD		1.76838	ug/m^3	RES_615	980387.32	3742438.94	19.32	0.00	19.32	
PERIOD		1.52382	ug/m^3	RES_616	980387.32	3742458.94	19.17	0.00	19.17	
PERIOD		1.31803	ug/m^3	RES_617	980387.32	3742478.94	19.25	0.00	19.25	
PERIOD		1.14478	ug/m^3	RES_618	980387.32	3742498.94	19.41	0.00	19.41	
PERIOD		0.99828	ug/m^3	RES_619	980387.32	3742518.94	19.62	0.00	19.62	
PERIOD		0.88101	ug/m^3	RES_620	980387.32	3742538.94	19.73	0.00	19.73	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.78365	ug/m^3	RES_621	980387.32	3742558.94	19.81	0.00	19.81	
PERIOD		0.69920	ug/m^3	RES_622	980387.32	3742578.94	19.99	0.00	19.99	
PERIOD		0.62933	ug/m^3	RES_623	980387.32	3742598.94	20.12	0.00	20.12	
PERIOD		0.57058	ug/m^3	RES_624	980387.32	3742618.94	20.20	0.00	20.20	
PERIOD		0.51916	ug/m^3	RES_625	980387.32	3742638.94	20.37	0.00	20.37	
PERIOD		0.47505	ug/m^3	RES_626	980387.32	3742658.94	20.49	0.00	20.49	
PERIOD		0.43682	ug/m^3	RES_627	980387.32	3742678.94	20.54	0.00	20.54	
PERIOD		0.40338	ug/m^3	RES_628	980387.32	3742698.94	20.51	0.00	20.51	
PERIOD		4.65929	ug/m^3	RES_629	980407.32	3742358.94	19.32	0.00	19.32	
PERIOD		3.75622	ug/m^3	RES_630	980407.32	3742378.94	19.39	0.00	19.39	
PERIOD		3.08183	ug/m^3	RES_631	980407.32	3742398.94	19.39	0.00	19.39	
PERIOD		2.57248	ug/m^3	RES_632	980407.32	3742418.94	19.20	0.00	19.20	
PERIOD		2.15753	ug/m^3	RES_633	980407.32	3742438.94	19.00	0.00	19.00	
PERIOD		1.80926	ug/m^3	RES_634	980407.32	3742458.94	19.04	0.00	19.04	
PERIOD		1.52923	ug/m^3	RES_635	980407.32	3742478.94	19.09	0.00	19.09	
PERIOD		1.30684	ug/m^3	RES_636	980407.32	3742498.94	19.17	0.00	19.17	
PERIOD		1.11805	ug/m^3	RES_637	980407.32	3742518.94	19.39	0.00	19.39	
PERIOD		0.96497	ug/m^3	RES_638	980407.32	3742538.94	19.59	0.00	19.59	
PERIOD		0.84097	ug/m^3	RES_639	980407.32	3742558.94	19.78	0.00	19.78	
PERIOD		0.74283	ug/m^3	RES_640	980407.32	3742578.94	19.92	0.00	19.92	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.66293	ug/m^3	RES_641	980407.32	3742598.94	20.05	0.00	20.05	
PERIOD		0.59663	ug/m^3	RES_642	980407.32	3742618.94	20.18	0.00	20.18	
PERIOD		0.54071	ug/m^3	RES_643	980407.32	3742638.94	20.31	0.00	20.31	
PERIOD		0.49339	ug/m^3	RES_644	980407.32	3742658.94	20.38	0.00	20.38	
PERIOD		0.45265	ug/m^3	RES_645	980407.32	3742678.94	20.40	0.00	20.40	
PERIOD		0.41700	ug/m^3	RES_646	980407.32	3742698.94	20.39	0.00	20.39	
PERIOD		4.61427	ug/m^3	RES_647	980427.32	3742378.94	19.03	0.00	19.03	
PERIOD		4.36159	ug/m^3	RES_648	980427.32	3742398.94	19.02	0.00	19.02	
PERIOD		3.52842	ug/m^3	RES_649	980427.32	3742418.94	18.85	0.00	18.85	
PERIOD		2.85505	ug/m^3	RES_650	980427.32	3742438.94	18.71	0.00	18.71	
PERIOD		2.30559	ug/m^3	RES_651	980427.32	3742458.94	18.94	0.00	18.94	
PERIOD		1.87324	ug/m^3	RES_652	980427.32	3742478.94	19.10	0.00	19.10	
PERIOD		1.55125	ug/m^3	RES_653	980427.32	3742498.94	19.22	0.00	19.22	
PERIOD		1.28887	ug/m^3	RES_654	980427.32	3742518.94	19.44	0.00	19.44	
PERIOD		1.07973	ug/m^3	RES_655	980427.32	3742538.94	19.64	0.00	19.64	
PERIOD		0.92105	ug/m^3	RES_656	980427.32	3742558.94	19.82	0.00	19.82	
PERIOD		0.80430	ug/m^3	RES_657	980427.32	3742578.94	19.86	0.00	19.86	
PERIOD		0.70924	ug/m^3	RES_658	980427.32	3742598.94	19.98	0.00	19.98	
PERIOD		0.63103	ug/m^3	RES_659	980427.32	3742618.94	20.19	0.00	20.19	
PERIOD		0.56922	ug/m^3	RES_660	980427.32	3742638.94	20.23	0.00	20.23	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.51705	ug/m^3	RES_661	980427.32	3742658.94	20.26	0.00	20.26	
PERIOD		0.47237	ug/m^3	RES_662	980427.32	3742678.94	20.28	0.00	20.28	
PERIOD		4.19215	ug/m^3	RES_663	980447.32	3742438.94	18.48	0.00	18.48	
PERIOD		3.26726	ug/m^3	RES_664	980447.32	3742458.94	18.79	0.00	18.79	
PERIOD		2.53343	ug/m^3	RES_665	980447.32	3742478.94	19.05	0.00	19.05	
PERIOD		1.98623	ug/m^3	RES_666	980447.32	3742498.94	19.26	0.00	19.26	
PERIOD		1.56082	ug/m^3	RES_667	980447.32	3742518.94	19.45	0.00	19.45	
PERIOD		1.25617	ug/m^3	RES_668	980447.32	3742538.94	19.55	0.00	19.55	
PERIOD		1.04643	ug/m^3	RES_669	980447.32	3742558.94	19.57	0.00	19.57	
PERIOD		0.88803	ug/m^3	RES_670	980447.32	3742578.94	19.72	0.00	19.72	
PERIOD		0.76896	ug/m^3	RES_671	980447.32	3742598.94	19.90	0.00	19.90	
PERIOD		0.67718	ug/m^3	RES_672	980447.32	3742618.94	20.06	0.00	20.06	
PERIOD		0.60521	ug/m^3	RES_673	980447.32	3742638.94	20.11	0.00	20.11	
PERIOD		0.54583	ug/m^3	RES_674	980447.32	3742658.94	20.15	0.00	20.15	
PERIOD		3.90267	ug/m^3	RES_675	980467.32	3742478.94	18.84	0.00	18.84	
PERIOD		2.66322	ug/m^3	RES_676	980467.32	3742498.94	19.14	0.00	19.14	
PERIOD		1.90069	ug/m^3	RES_677	980467.32	3742518.94	19.33	0.00	19.33	
PERIOD		1.46142	ug/m^3	RES_678	980467.32	3742538.94	19.38	0.00	19.38	
PERIOD		1.18676	ug/m^3	RES_679	980467.32	3742558.94	19.26	0.00	19.26	
PERIOD		0.73012	ug/m^3	RES_680	980467.32	3742618.94	19.89	0.00	19.89	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.64559	ug/m^3	RES_681	980467.32	3742638.94	20.00	0.00	20.00	
PERIOD		2.08101	ug/m^3	RES_682	980487.32	3742518.94	19.06	0.00	19.06	
PERIOD		1.59814	ug/m^3	RES_683	980487.32	3742538.94	19.14	0.00	19.14	
PERIOD		0.53622	ug/m^3	P_001	980077.18	3742616.83	20.05	0.00	20.05	
PERIOD		0.46461	ug/m^3	P_002	980077.18	3742636.83	20.26	0.00	20.26	
PERIOD		0.40488	ug/m^3	P_003	980077.18	3742656.83	20.55	0.00	20.55	
PERIOD		0.35624	ug/m^3	P_004	980077.18	3742676.83	20.68	0.00	20.68	
PERIOD		0.31589	ug/m^3	P_005	980077.18	3742696.83	20.68	0.00	20.68	
PERIOD		0.28210	ug/m^3	P_006	980077.18	3742716.83	20.55	0.00	20.55	
PERIOD		0.25287	ug/m^3	P_007	980077.18	3742736.83	20.45	0.00	20.45	
PERIOD		0.53906	ug/m^3	P_008	980097.18	3742616.83	20.12	0.00	20.12	
PERIOD		0.47041	ug/m^3	P_009	980097.18	3742636.83	20.39	0.00	20.39	
PERIOD		0.41244	ug/m^3	P_010	980097.18	3742656.83	20.78	0.00	20.78	
PERIOD		0.36503	ug/m^3	P_011	980097.18	3742676.83	20.96	0.00	20.96	
PERIOD		0.32552	ug/m^3	P_012	980097.18	3742696.83	20.96	0.00	20.96	
PERIOD		0.29272	ug/m^3	P_013	980097.18	3742716.83	20.69	0.00	20.69	
PERIOD		0.26370	ug/m^3	P_014	980097.18	3742736.83	20.55	0.00	20.55	
PERIOD		0.47395	ug/m^3	P_015	980117.18	3742636.83	20.48	0.00	20.48	
PERIOD		0.41877	ug/m^3	P_016	980117.18	3742656.83	20.83	0.00	20.83	
PERIOD		0.37291	ug/m^3	P_017	980117.18	3742676.83	21.00	0.00	21.00	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.33438	ug/m^3	P_018	980117.18	3742696.83	20.97	0.00	20.97	
PERIOD		0.30198	ug/m^3	P_019	980117.18	3742716.83	20.70	0.00	20.70	
PERIOD		0.27304	ug/m^3	P_020	980117.18	3742736.83	20.59	0.00	20.59	
PERIOD		0.42351	ug/m^3	P_021	980137.18	3742656.83	20.81	0.00	20.81	
PERIOD		0.37933	ug/m^3	P_022	980137.18	3742676.83	20.94	0.00	20.94	
PERIOD		0.34194	ug/m^3	P_023	980137.18	3742696.83	20.86	0.00	20.86	
PERIOD		0.30994	ug/m^3	P_024	980137.18	3742716.83	20.62	0.00	20.62	
PERIOD		0.28106	ug/m^3	P_025	980137.18	3742736.83	20.58	0.00	20.58	
PERIOD		0.34809	ug/m^3	P_026	980157.18	3742696.83	20.73	0.00	20.73	
PERIOD		0.31622	ug/m^3	P_027	980157.18	3742716.83	20.61	0.00	20.61	
PERIOD		0.32083	ug/m^3	P_028	980177.18	3742716.83	20.77	0.00	20.77	
PERIOD		0.16642	ug/m^3	S_001	980089.92	3741804.77	17.51	0.00	17.51	
PERIOD		0.17805	ug/m^3	S_002	980089.92	3741824.77	17.50	0.00	17.50	
PERIOD		0.19226	ug/m^3	S_003	980089.92	3741844.77	17.49	0.00	17.49	
PERIOD		0.20997	ug/m^3	S_004	980089.92	3741864.77	17.48	0.00	17.48	
PERIOD		0.23265	ug/m^3	S_005	980089.92	3741884.77	17.50	0.00	17.50	
PERIOD		0.26259	ug/m^3	S_006	980089.92	3741904.77	17.51	0.00	17.51	
PERIOD		0.30368	ug/m^3	S_007	980089.92	3741924.77	17.51	0.00	17.51	
PERIOD		0.36310	ug/m^3	S_008	980089.92	3741944.77	17.53	0.00	17.53	
PERIOD		0.45513	ug/m^3	S_009	980089.92	3741964.77	17.60	0.00	17.60	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.62168	ug/m^3	S_010	980089.92	3741984.77	17.73	0.00	17.73	
PERIOD		0.99411	ug/m^3	S_011	980089.92	3742004.77	17.79	0.00	17.79	
PERIOD		1.87642	ug/m^3	S_012	980089.92	3742024.77	17.88	0.00	17.88	
PERIOD		0.17472	ug/m^3	S_013	980109.92	3741804.77	17.01	0.00	17.01	
PERIOD		0.18633	ug/m^3	S_014	980109.92	3741824.77	17.12	0.00	17.12	
PERIOD		0.20046	ug/m^3	S_015	980109.92	3741844.77	17.17	0.00	17.17	
PERIOD		0.21809	ug/m^3	S_016	980109.92	3741864.77	17.19	0.00	17.19	
PERIOD		0.24065	ug/m^3	S_017	980109.92	3741884.77	17.14	0.00	17.14	
PERIOD		0.27044	ug/m^3	S_018	980109.92	3741904.77	17.12	0.00	17.12	
PERIOD		0.31120	ug/m^3	S_019	980109.92	3741924.77	17.14	0.00	17.14	
PERIOD		0.37000	ug/m^3	S_020	980109.92	3741944.77	17.24	0.00	17.24	
PERIOD		0.46383	ug/m^3	S_021	980109.92	3741964.77	17.37	0.00	17.37	
PERIOD		0.63139	ug/m^3	S_022	980109.92	3741984.77	17.53	0.00	17.53	
PERIOD		0.96999	ug/m^3	S_023	980109.92	3742004.77	17.68	0.00	17.68	
PERIOD		1.64700	ug/m^3	S_024	980109.92	3742024.77	17.81	0.00	17.81	
PERIOD		0.17474	ug/m^3	S_025	980129.92	3741784.77	16.84	0.00	16.84	
PERIOD		0.18445	ug/m^3	S_026	980129.92	3741804.77	16.83	0.00	16.83	
PERIOD		0.19594	ug/m^3	S_027	980129.92	3741824.77	16.98	0.00	16.98	
PERIOD		0.20983	ug/m^3	S_028	980129.92	3741844.77	17.06	0.00	17.06	
PERIOD		0.22713	ug/m^3	S_029	980129.92	3741864.77	17.08	0.00	17.08	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.24918	ug/m^3	S_030	980129.92	3741884.77	16.92	0.00	16.92	
PERIOD		0.27823	ug/m^3	S_031	980129.92	3741904.77	16.85	0.00	16.85	
PERIOD		0.31802	ug/m^3	S_032	980129.92	3741924.77	16.84	0.00	16.84	
PERIOD		0.37631	ug/m^3	S_033	980129.92	3741944.77	17.00	0.00	17.00	
PERIOD		0.46826	ug/m^3	S_034	980129.92	3741964.77	17.17	0.00	17.17	
PERIOD		0.62668	ug/m^3	S_035	980129.92	3741984.77	17.36	0.00	17.36	
PERIOD		0.91896	ug/m^3	S_036	980129.92	3742004.77	17.59	0.00	17.59	
PERIOD		1.45850	ug/m^3	S_037	980129.92	3742024.77	17.79	0.00	17.79	
PERIOD		0.17828	ug/m^3	S_038	980149.92	3741764.77	16.72	0.00	16.72	
PERIOD		0.18664	ug/m^3	S_039	980149.92	3741784.77	16.69	0.00	16.69	
PERIOD		0.19625	ug/m^3	S_040	980149.92	3741804.77	16.79	0.00	16.79	
PERIOD		0.20747	ug/m^3	S_041	980149.92	3741824.77	16.94	0.00	16.94	
PERIOD		0.22093	ug/m^3	S_042	980149.92	3741844.77	17.06	0.00	17.06	
PERIOD		0.23755	ug/m^3	S_043	980149.92	3741864.77	17.15	0.00	17.15	
PERIOD		0.25880	ug/m^3	S_044	980149.92	3741884.77	17.01	0.00	17.01	
PERIOD		0.28676	ug/m^3	S_045	980149.92	3741904.77	16.86	0.00	16.86	
PERIOD		0.32533	ug/m^3	S_046	980149.92	3741924.77	16.70	0.00	16.70	
PERIOD		0.38133	ug/m^3	S_047	980149.92	3741944.77	16.84	0.00	16.84	
PERIOD		0.46799	ug/m^3	S_048	980149.92	3741964.77	17.04	0.00	17.04	
PERIOD		0.61187	ug/m^3	S_049	980149.92	3741984.77	17.25	0.00	17.25	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.86064	ug/m^3	S_050	980149.92	3742004.77	17.53	0.00	17.53	
PERIOD		1.30007	ug/m^3	S_051	980149.92	3742024.77	17.79	0.00	17.79	
PERIOD		2.13855	ug/m^3	S_052	980149.92	3742044.77	17.92	0.00	17.92	
PERIOD		0.18558	ug/m^3	S_053	980169.92	3741744.77	16.64	0.00	16.64	
PERIOD		0.19311	ug/m^3	S_054	980169.92	3741764.77	16.56	0.00	16.56	
PERIOD		0.20147	ug/m^3	S_055	980169.92	3741784.77	16.62	0.00	16.62	
PERIOD		0.21085	ug/m^3	S_056	980169.92	3741804.77	16.78	0.00	16.78	
PERIOD		0.22166	ug/m^3	S_057	980169.92	3741824.77	16.89	0.00	16.89	
PERIOD		0.23445	ug/m^3	S_058	980169.92	3741844.77	16.99	0.00	16.99	
PERIOD		0.25010	ug/m^3	S_059	980169.92	3741864.77	17.09	0.00	17.09	
PERIOD		0.27016	ug/m^3	S_060	980169.92	3741884.77	17.08	0.00	17.08	
PERIOD		0.29670	ug/m^3	S_061	980169.92	3741904.77	17.05	0.00	17.05	
PERIOD		0.33331	ug/m^3	S_062	980169.92	3741924.77	16.98	0.00	16.98	
PERIOD		0.38563	ug/m^3	S_063	980169.92	3741944.77	16.98	0.00	16.98	
PERIOD		0.46511	ug/m^3	S_064	980169.92	3741964.77	17.02	0.00	17.02	
PERIOD		0.59253	ug/m^3	S_065	980169.92	3741984.77	17.17	0.00	17.17	
PERIOD		0.80283	ug/m^3	S_066	980169.92	3742004.77	17.45	0.00	17.45	
PERIOD		1.16480	ug/m^3	S_067	980169.92	3742024.77	17.74	0.00	17.74	
PERIOD		1.82907	ug/m^3	S_068	980169.92	3742044.77	17.96	0.00	17.96	
PERIOD		0.20433	ug/m^3	S_069	980189.92	3741744.77	16.36	0.00	16.36	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.21206	ug/m^3	S_070	980189.92	3741764.77	16.46	0.00	16.46	
PERIOD		0.22030	ug/m^3	S_071	980189.92	3741784.77	16.60	0.00	16.60	
PERIOD		0.22934	ug/m^3	S_072	980189.92	3741804.77	16.77	0.00	16.77	
PERIOD		0.23946	ug/m^3	S_073	980189.92	3741824.77	16.85	0.00	16.85	
PERIOD		0.25128	ug/m^3	S_074	980189.92	3741844.77	16.94	0.00	16.94	
PERIOD		0.26570	ug/m^3	S_075	980189.92	3741864.77	17.03	0.00	17.03	
PERIOD		0.28410	ug/m^3	S_076	980189.92	3741884.77	17.15	0.00	17.15	
PERIOD		0.30851	ug/m^3	S_077	980189.92	3741904.77	17.25	0.00	17.25	
PERIOD		0.34212	ug/m^3	S_078	980189.92	3741924.77	17.33	0.00	17.33	
PERIOD		0.39022	ug/m^3	S_079	980189.92	3741944.77	17.28	0.00	17.28	
PERIOD		0.46200	ug/m^3	S_080	980189.92	3741964.77	17.21	0.00	17.21	
PERIOD		0.57312	ug/m^3	S_081	980189.92	3741984.77	17.14	0.00	17.14	
PERIOD		0.75089	ug/m^3	S_082	980189.92	3742004.77	17.30	0.00	17.30	
PERIOD		1.04881	ug/m^3	S_083	980189.92	3742024.77	17.56	0.00	17.56	
PERIOD		1.57286	ug/m^3	S_084	980189.92	3742044.77	17.88	0.00	17.88	
PERIOD		0.22118	ug/m^3	S_085	980209.92	3741724.77	16.33	0.00	16.33	
PERIOD		0.22892	ug/m^3	S_086	980209.92	3741744.77	16.26	0.00	16.26	
PERIOD		0.23679	ug/m^3	S_087	980209.92	3741764.77	16.43	0.00	16.43	
PERIOD		0.24479	ug/m^3	S_088	980209.92	3741784.77	16.59	0.00	16.59	
PERIOD		0.25321	ug/m^3	S_089	980209.92	3741804.77	16.75	0.00	16.75	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.26234	ug/m^3	S_090	980209.92	3741824.77	16.83	0.00	16.83	
PERIOD		0.27279	ug/m^3	S_091	980209.92	3741844.77	16.93	0.00	16.93	
PERIOD		0.28541	ug/m^3	S_092	980209.92	3741864.77	17.05	0.00	17.05	
PERIOD		0.30153	ug/m^3	S_093	980209.92	3741884.77	17.24	0.00	17.24	
PERIOD		0.32312	ug/m^3	S_094	980209.92	3741904.77	17.43	0.00	17.43	
PERIOD		0.35296	ug/m^3	S_095	980209.92	3741924.77	17.63	0.00	17.63	
PERIOD		0.39627	ug/m^3	S_096	980209.92	3741944.77	17.60	0.00	17.60	
PERIOD		0.46036	ug/m^3	S_097	980209.92	3741964.77	17.46	0.00	17.46	
PERIOD		0.55687	ug/m^3	S_098	980209.92	3741984.77	17.20	0.00	17.20	
PERIOD		0.70708	ug/m^3	S_099	980209.92	3742004.77	17.19	0.00	17.19	
PERIOD		0.95159	ug/m^3	S_100	980209.92	3742024.77	17.35	0.00	17.35	
PERIOD		1.36452	ug/m^3	S_101	980209.92	3742044.77	17.75	0.00	17.75	
PERIOD		2.10629	ug/m^3	S_102	980209.92	3742064.77	17.97	0.00	17.97	
PERIOD		0.24497	ug/m^3	S_103	980229.92	3741704.77	16.26	0.00	16.26	
PERIOD		0.25364	ug/m^3	S_104	980229.92	3741724.77	16.15	0.00	16.15	
PERIOD		0.26204	ug/m^3	S_105	980229.92	3741744.77	16.23	0.00	16.23	
PERIOD		0.26991	ug/m^3	S_106	980229.92	3741764.77	16.38	0.00	16.38	
PERIOD		0.27758	ug/m^3	S_107	980229.92	3741784.77	16.52	0.00	16.52	
PERIOD		0.28496	ug/m^3	S_108	980229.92	3741804.77	16.65	0.00	16.65	
PERIOD		0.29249	ug/m^3	S_109	980229.92	3741824.77	16.79	0.00	16.79	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.30084	ug/m^3	S_110	980229.92	3741844.77	16.95	0.00	16.95	
PERIOD		0.31070	ug/m^3	S_111	980229.92	3741864.77	17.16	0.00	17.16	
PERIOD		0.32391	ug/m^3	S_112	980229.92	3741884.77	17.36	0.00	17.36	
PERIOD		0.34203	ug/m^3	S_113	980229.92	3741904.77	17.57	0.00	17.57	
PERIOD		0.36763	ug/m^3	S_114	980229.92	3741924.77	17.81	0.00	17.81	
PERIOD		0.40578	ug/m^3	S_115	980229.92	3741944.77	17.82	0.00	17.82	
PERIOD		0.46192	ug/m^3	S_116	980229.92	3741964.77	17.68	0.00	17.68	
PERIOD		0.54580	ug/m^3	S_117	980229.92	3741984.77	17.30	0.00	17.30	
PERIOD		0.67291	ug/m^3	S_118	980229.92	3742004.77	17.17	0.00	17.17	
PERIOD		0.87262	ug/m^3	S_119	980229.92	3742024.77	17.20	0.00	17.20	
PERIOD		1.20025	ug/m^3	S_120	980229.92	3742044.77	17.62	0.00	17.62	
PERIOD		1.76069	ug/m^3	S_121	980229.92	3742064.77	17.87	0.00	17.87	
PERIOD		0.28899	ug/m^3	S_122	980249.92	3741704.77	16.07	0.00	16.07	
PERIOD		0.29910	ug/m^3	S_123	980249.92	3741724.77	16.05	0.00	16.05	
PERIOD		0.30800	ug/m^3	S_124	980249.92	3741744.77	16.19	0.00	16.19	
PERIOD		0.31635	ug/m^3	S_125	980249.92	3741764.77	16.33	0.00	16.33	
PERIOD		0.32310	ug/m^3	S_126	980249.92	3741784.77	16.45	0.00	16.45	
PERIOD		0.32854	ug/m^3	S_127	980249.92	3741804.77	16.57	0.00	16.57	
PERIOD		0.33368	ug/m^3	S_128	980249.92	3741824.77	16.74	0.00	16.74	
PERIOD		0.33878	ug/m^3	S_129	980249.92	3741844.77	16.95	0.00	16.95	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.34456	ug/m^3	S_130	980249.92	3741864.77	17.20	0.00	17.20	
PERIOD		0.35385	ug/m^3	S_131	980249.92	3741884.77	17.41	0.00	17.41	
PERIOD		0.36778	ug/m^3	S_132	980249.92	3741904.77	17.62	0.00	17.62	
PERIOD		0.38830	ug/m^3	S_133	980249.92	3741924.77	17.91	0.00	17.91	
PERIOD		0.42074	ug/m^3	S_134	980249.92	3741944.77	17.95	0.00	17.95	
PERIOD		0.46907	ug/m^3	S_135	980249.92	3741964.77	17.83	0.00	17.83	
PERIOD		0.54151	ug/m^3	S_136	980249.92	3741984.77	17.44	0.00	17.44	
PERIOD		0.64895	ug/m^3	S_137	980249.92	3742004.77	17.23	0.00	17.23	
PERIOD		0.81330	ug/m^3	S_138	980249.92	3742024.77	17.19	0.00	17.19	
PERIOD		1.07475	ug/m^3	S_139	980249.92	3742044.77	17.55	0.00	17.55	
PERIOD		1.49479	ug/m^3	S_140	980249.92	3742064.77	17.82	0.00	17.82	
PERIOD		2.16397	ug/m^3	S_141	980249.92	3742084.77	17.99	0.00	17.99	
PERIOD		0.33877	ug/m^3	S_142	980269.92	3741684.77	15.98	0.00	15.98	
PERIOD		0.35361	ug/m^3	S_143	980269.92	3741704.77	15.93	0.00	15.93	
PERIOD		0.36555	ug/m^3	S_144	980269.92	3741724.77	16.00	0.00	16.00	
PERIOD		0.37628	ug/m^3	S_145	980269.92	3741744.77	16.14	0.00	16.14	
PERIOD		0.38423	ug/m^3	S_146	980269.92	3741764.77	16.28	0.00	16.28	
PERIOD		0.38922	ug/m^3	S_147	980269.92	3741784.77	16.41	0.00	16.41	
PERIOD		0.39168	ug/m^3	S_148	980269.92	3741804.77	16.54	0.00	16.54	
PERIOD		0.39245	ug/m^3	S_149	980269.92	3741824.77	16.74	0.00	16.74	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.39194	ug/m^3	S_150	980269.92	3741844.77	16.96	0.00	16.96	
PERIOD		0.39184	ug/m^3	S_151	980269.92	3741864.77	17.20	0.00	17.20	
PERIOD		0.39548	ug/m^3	S_152	980269.92	3741884.77	17.42	0.00	17.42	
PERIOD		0.40345	ug/m^3	S_153	980269.92	3741904.77	17.65	0.00	17.65	
PERIOD		0.41869	ug/m^3	S_154	980269.92	3741924.77	17.83	0.00	17.83	
PERIOD		0.44479	ug/m^3	S_155	980269.92	3741944.77	17.87	0.00	17.87	
PERIOD		0.48486	ug/m^3	S_156	980269.92	3741964.77	17.81	0.00	17.81	
PERIOD		0.54624	ug/m^3	S_157	980269.92	3741984.77	17.53	0.00	17.53	
PERIOD		0.63645	ug/m^3	S_158	980269.92	3742004.77	17.37	0.00	17.37	
PERIOD		0.77194	ug/m^3	S_159	980269.92	3742024.77	17.32	0.00	17.32	
PERIOD		0.98091	ug/m^3	S_160	980269.92	3742044.77	17.57	0.00	17.57	
PERIOD		1.29780	ug/m^3	S_161	980269.92	3742064.77	17.80	0.00	17.80	
PERIOD		1.78231	ug/m^3	S_162	980269.92	3742084.77	18.02	0.00	18.02	
PERIOD		2.60286	ug/m^3	S_163	980269.92	3742104.77	18.10	0.00	18.10	
PERIOD		0.43424	ug/m^3	S_164	980289.92	3741684.77	15.88	0.00	19.14	
PERIOD		0.45427	ug/m^3	S_165	980289.92	3741704.77	15.82	0.00	15.82	
PERIOD		0.47120	ug/m^3	S_166	980289.92	3741724.77	15.94	0.00	15.94	
PERIOD		0.48480	ug/m^3	S_167	980289.92	3741744.77	16.09	0.00	16.09	
PERIOD		0.49221	ug/m^3	S_168	980289.92	3741764.77	16.24	0.00	16.24	
PERIOD		0.49242	ug/m^3	S_169	980289.92	3741784.77	16.40	0.00	16.40	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.48761	ug/m^3	S_170	980289.92	3741804.77	16.58	0.00	16.58	
PERIOD		0.48075	ug/m^3	S_171	980289.92	3741824.77	16.80	0.00	16.80	
PERIOD		0.46958	ug/m^3	S_172	980289.92	3741844.77	17.02	0.00	17.02	
PERIOD		0.46008	ug/m^3	S_173	980289.92	3741864.77	17.23	0.00	17.23	
PERIOD		0.45462	ug/m^3	S_174	980289.92	3741884.77	17.46	0.00	17.46	
PERIOD		0.45477	ug/m^3	S_175	980289.92	3741904.77	17.66	0.00	17.66	
PERIOD		0.46382	ug/m^3	S_176	980289.92	3741924.77	17.71	0.00	17.71	
PERIOD		0.48173	ug/m^3	S_177	980289.92	3741944.77	17.76	0.00	17.76	
PERIOD		0.51235	ug/m^3	S_178	980289.92	3741964.77	17.80	0.00	17.80	
PERIOD		0.56280	ug/m^3	S_179	980289.92	3741984.77	17.62	0.00	17.62	
PERIOD		0.63765	ug/m^3	S_180	980289.92	3742004.77	17.48	0.00	17.48	
PERIOD		0.74899	ug/m^3	S_181	980289.92	3742024.77	17.36	0.00	17.36	
PERIOD		0.91485	ug/m^3	S_182	980289.92	3742044.77	17.56	0.00	17.56	
PERIOD		1.16013	ug/m^3	S_183	980289.92	3742064.77	17.78	0.00	17.78	
PERIOD		1.52737	ug/m^3	S_184	980289.92	3742084.77	18.02	0.00	18.02	
PERIOD		2.06809	ug/m^3	S_185	980289.92	3742104.77	18.15	0.00	18.15	
PERIOD		2.90204	ug/m^3	S_186	980289.92	3742124.77	18.24	0.00	18.24	
PERIOD		0.59796	ug/m^3	S_187	980309.92	3741684.77	15.84	0.00	15.84	
PERIOD		0.62925	ug/m^3	S_188	980309.92	3741704.77	15.78	0.00	15.78	
PERIOD		0.66447	ug/m^3	S_189	980309.92	3741724.77	15.91	0.00	15.91	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.68009	ug/m^3	S_190	980309.92	3741744.77	16.07	0.00	16.07	
PERIOD		0.67715	ug/m^3	S_191	980309.92	3741764.77	16.25	0.00	16.25	
PERIOD		0.66397	ug/m^3	S_192	980309.92	3741784.77	16.44	0.00	16.44	
PERIOD		0.64551	ug/m^3	S_193	980309.92	3741804.77	16.66	0.00	16.66	
PERIOD		0.61938	ug/m^3	S_194	980309.92	3741824.77	16.89	0.00	16.89	
PERIOD		0.58689	ug/m^3	S_195	980309.92	3741844.77	17.13	0.00	17.13	
PERIOD		0.56084	ug/m^3	S_196	980309.92	3741864.77	17.37	0.00	17.37	
PERIOD		0.54260	ug/m^3	S_197	980309.92	3741884.77	17.55	0.00	17.55	
PERIOD		0.53124	ug/m^3	S_198	980309.92	3741904.77	17.68	0.00	17.68	
PERIOD		0.53074	ug/m^3	S_199	980309.92	3741924.77	17.67	0.00	17.67	
PERIOD		0.53728	ug/m^3	S_200	980309.92	3741944.77	17.76	0.00	17.76	
PERIOD		0.55482	ug/m^3	S_201	980309.92	3741964.77	17.93	0.00	17.93	
PERIOD		0.59445	ug/m^3	S_202	980309.92	3741984.77	17.75	0.00	17.75	
PERIOD		0.65630	ug/m^3	S_203	980309.92	3742004.77	17.56	0.00	17.56	
PERIOD		0.74700	ug/m^3	S_204	980309.92	3742024.77	17.38	0.00	17.38	
PERIOD		0.87899	ug/m^3	S_205	980309.92	3742044.77	17.53	0.00	17.53	
PERIOD		1.07270	ug/m^3	S_206	980309.92	3742064.77	17.73	0.00	17.73	
PERIOD		1.35331	ug/m^3	S_207	980309.92	3742084.77	17.96	0.00	17.96	
PERIOD		1.74855	ug/m^3	S_208	980309.92	3742104.77	18.13	0.00	18.13	
PERIOD		2.33343	ug/m^3	S_209	980309.92	3742124.77	18.25	0.00	18.25	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.27386	ug/m^3	S_210	980309.92	3742144.77	18.25	0.00	18.25	
PERIOD		0.93061	ug/m^3	S_211	980329.92	3741684.77	16.06	0.00	16.06	
PERIOD		1.04859	ug/m^3	S_212	980329.92	3741704.77	16.00	0.00	16.00	
PERIOD		1.07712	ug/m^3	S_213	980329.92	3741724.77	16.05	0.00	16.05	
PERIOD		1.05706	ug/m^3	S_214	980329.92	3741744.77	16.15	0.00	16.15	
PERIOD		1.02316	ug/m^3	S_215	980329.92	3741764.77	16.32	0.00	16.32	
PERIOD		0.97464	ug/m^3	S_216	980329.92	3741784.77	16.51	0.00	16.51	
PERIOD		0.91870	ug/m^3	S_217	980329.92	3741804.77	16.74	0.00	16.74	
PERIOD		0.84733	ug/m^3	S_218	980329.92	3741824.77	17.00	0.00	17.00	
PERIOD		0.77865	ug/m^3	S_219	980329.92	3741844.77	17.28	0.00	17.28	
PERIOD		0.71971	ug/m^3	S_220	980329.92	3741864.77	17.57	0.00	17.57	
PERIOD		0.67576	ug/m^3	S_221	980329.92	3741884.77	17.75	0.00	17.75	
PERIOD		0.64606	ug/m^3	S_222	980329.92	3741904.77	17.84	0.00	17.84	
PERIOD		0.62726	ug/m^3	S_223	980329.92	3741924.77	17.88	0.00	17.88	
PERIOD		0.61547	ug/m^3	S_224	980329.92	3741944.77	18.03	0.00	18.03	
PERIOD		0.61560	ug/m^3	S_225	980329.92	3741964.77	18.30	0.00	18.30	
PERIOD		0.64710	ug/m^3	S_226	980329.92	3741984.77	17.94	0.00	17.94	
PERIOD		0.69784	ug/m^3	S_227	980329.92	3742004.77	17.62	0.00	17.62	
PERIOD		0.77025	ug/m^3	S_228	980329.92	3742024.77	17.39	0.00	17.39	
PERIOD		0.87526	ug/m^3	S_229	980329.92	3742044.77	17.47	0.00	17.47	

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.02937	ug/m^3	S_230	980329.92	3742064.77	17.64	0.00	17.64	
PERIOD		1.24951	ug/m^3	S_231	980329.92	3742084.77	17.88	0.00	17.88	
PERIOD		1.56097	ug/m^3	S_232	980329.92	3742104.77	18.07	0.00	18.07	
PERIOD		1.99902	ug/m^3	S_233	980329.92	3742124.77	18.21	0.00	18.21	
PERIOD		2.61547	ug/m^3	S_234	980329.92	3742144.77	18.22	0.00	18.22	
PERIOD		3.62889	ug/m^3	S_235	980329.92	3742164.77	18.20	0.00	18.20	
PERIOD		1.89390	ug/m^3	S_236	980349.92	3741744.77	16.24	0.00	16.24	
PERIOD		1.72758	ug/m^3	S_237	980349.92	3741764.77	16.37	0.00	16.37	
PERIOD		1.56288	ug/m^3	S_238	980349.92	3741784.77	16.56	0.00	16.56	
PERIOD		1.43103	ug/m^3	S_239	980349.92	3741804.77	16.80	0.00	16.80	
PERIOD		1.27846	ug/m^3	S_240	980349.92	3741824.77	17.05	0.00	17.05	
PERIOD		1.13172	ug/m^3	S_241	980349.92	3741844.77	17.32	0.00	17.32	
PERIOD		1.00715	ug/m^3	S_242	980349.92	3741864.77	17.60	0.00	17.60	
PERIOD		0.91477	ug/m^3	S_243	980349.92	3741884.77	17.79	0.00	17.79	
PERIOD		0.84190	ug/m^3	S_244	980349.92	3741904.77	17.90	0.00	17.90	
PERIOD		0.79541	ug/m^3	S_245	980349.92	3741924.77	17.84	0.00	17.84	
PERIOD		0.76258	ug/m^3	S_246	980349.92	3741944.77	17.81	0.00	17.81	
PERIOD		0.74196	ug/m^3	S_247	980349.92	3741964.77	17.84	0.00	17.84	
PERIOD		0.74724	ug/m^3	S_248	980349.92	3741984.77	17.73	0.00	17.73	
PERIOD		0.77534	ug/m^3	S_249	980349.92	3742004.77	17.58	0.00	17.58	

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Sensitive Receptor Summary

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.82672	ug/m^3	S_250	980349.92	3742024.77	17.33	0.00	17.33	
PERIOD		0.90709	ug/m^3	S_251	980349.92	3742044.77	17.37	0.00	17.37	
PERIOD		1.03029	ug/m^3	S_252	980349.92	3742064.77	17.53	0.00	17.53	
PERIOD		1.20807	ug/m^3	S_253	980349.92	3742084.77	17.81	0.00	17.81	
PERIOD		1.46560	ug/m^3	S_254	980349.92	3742104.77	17.98	0.00	17.98	
PERIOD		1.82549	ug/m^3	S_255	980349.92	3742124.77	18.10	0.00	18.10	
PERIOD		2.33333	ug/m^3	S_256	980349.92	3742144.77	18.16	0.00	18.16	
PERIOD		3.09183	ug/m^3	S_257	980349.92	3742164.77	18.18	0.00	18.18	
PERIOD		2.14076	ug/m^3	S_258	980369.92	3741824.77	17.01	0.00	17.01	
PERIOD		1.85302	ug/m^3	S_259	980369.92	3741844.77	17.24	0.00	17.24	
PERIOD		1.59574	ug/m^3	S_260	980369.92	3741864.77	17.49	0.00	17.49	
PERIOD		1.37039	ug/m^3	S_261	980369.92	3741884.77	17.68	0.00	17.68	
PERIOD		1.20394	ug/m^3	S_262	980369.92	3741904.77	17.82	0.00	17.82	
PERIOD		1.09794	ug/m^3	S_263	980369.92	3741924.77	17.71	0.00	17.71	
PERIOD		1.01521	ug/m^3	S_264	980369.92	3741944.77	17.60	0.00	17.60	
PERIOD		0.95388	ug/m^3	S_265	980369.92	3741964.77	17.52	0.00	17.52	
PERIOD		0.91633	ug/m^3	S_266	980369.92	3741984.77	17.46	0.00	17.46	
PERIOD		0.90577	ug/m^3	S_267	980369.92	3742004.77	17.39	0.00	17.39	
PERIOD		0.92702	ug/m^3	S_268	980369.92	3742024.77	17.26	0.00	17.26	
PERIOD		0.98230	ug/m^3	S_269	980369.92	3742044.77	17.32	0.00	17.32	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.07867	ug/m^3	S_270	980369.92	3742064.77	17.47	0.00	17.47	
PERIOD		1.22673	ug/m^3	S_271	980369.92	3742084.77	17.75	0.00	17.75	
PERIOD		1.45299	ug/m^3	S_272	980369.92	3742104.77	17.92	0.00	17.92	
PERIOD		1.78395	ug/m^3	S_273	980369.92	3742124.77	18.02	0.00	18.02	
PERIOD		2.27469	ug/m^3	S_274	980369.92	3742144.77	18.07	0.00	18.07	
PERIOD		2.27294	ug/m^3	S_275	980389.92	3741884.77	17.46	0.00	17.46	
PERIOD		1.88948	ug/m^3	S_276	980389.92	3741904.77	17.62	0.00	17.62	
PERIOD		1.62650	ug/m^3	S_277	980389.92	3741924.77	17.52	0.00	17.52	
PERIOD		1.43658	ug/m^3	S_278	980389.92	3741944.77	17.34	0.00	17.34	
PERIOD		1.28429	ug/m^3	S_279	980389.92	3741964.77	17.07	0.00	17.07	
PERIOD		1.17425	ug/m^3	S_280	980389.92	3741984.77	17.06	0.00	17.06	
PERIOD		1.11164	ug/m^3	S_281	980389.92	3742004.77	17.13	0.00	17.13	
PERIOD		1.09080	ug/m^3	S_282	980389.92	3742024.77	17.14	0.00	17.14	
PERIOD		1.11339	ug/m^3	S_283	980389.92	3742044.77	17.26	0.00	17.26	
PERIOD		1.18388	ug/m^3	S_284	980389.92	3742064.77	17.43	0.00	17.43	
PERIOD		1.31011	ug/m^3	S_285	980389.92	3742084.77	17.71	0.00	17.71	
PERIOD		1.52545	ug/m^3	S_286	980389.92	3742104.77	17.88	0.00	17.88	
PERIOD		1.87138	ug/m^3	S_287	980389.92	3742124.77	17.96	0.00	17.96	
PERIOD		2.12515	ug/m^3	S_288	980409.92	3741944.77	17.05	0.00	17.05	
PERIOD		1.79972	ug/m^3	S_289	980409.92	3741964.77	16.48	0.00	16.48	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.58256	ug/m^3	S_290	980409.92	3741984.77	16.56	0.00	16.56	
PERIOD		1.43103	ug/m^3	S_291	980409.92	3742004.77	16.85	0.00	16.85	
PERIOD		1.34552	ug/m^3	S_292	980409.92	3742024.77	16.99	0.00	16.99	
PERIOD		1.32314	ug/m^3	S_293	980409.92	3742044.77	17.19	0.00	17.19	
PERIOD		1.35899	ug/m^3	S_294	980409.92	3742064.77	17.43	0.00	17.43	
PERIOD		1.47026	ug/m^3	S_295	980409.92	3742084.77	17.69	0.00	17.69	
PERIOD		1.69937	ug/m^3	S_296	980409.92	3742104.77	17.82	0.00	17.82	
PERIOD		2.11026	ug/m^3	S_297	980409.92	3742124.77	17.86	0.00	17.86	
PERIOD		2.71382	ug/m^3	S_298	980429.92	3741964.77	16.39	0.00	16.39	
PERIOD		2.23446	ug/m^3	S_299	980429.92	3741984.77	16.38	0.00	16.38	
PERIOD		1.93856	ug/m^3	S_300	980429.92	3742004.77	16.60	0.00	16.60	
PERIOD		1.73837	ug/m^3	S_301	980429.92	3742024.77	16.84	0.00	16.84	
PERIOD		1.64010	ug/m^3	S_302	980429.92	3742044.77	17.14	0.00	17.14	
PERIOD		1.62950	ug/m^3	S_303	980429.92	3742064.77	17.46	0.00	17.46	
PERIOD		1.73397	ug/m^3	S_304	980429.92	3742084.77	17.66	0.00	17.66	
PERIOD		2.01254	ug/m^3	S_305	980429.92	3742104.77	17.75	0.00	17.75	
PERIOD		2.74195	ug/m^3	S_306	980449.92	3742004.77	16.68	0.00	16.68	
PERIOD		2.33639	ug/m^3	S_307	980449.92	3742024.77	16.90	0.00	16.90	
PERIOD		2.12054	ug/m^3	S_308	980449.92	3742044.77	17.15	0.00	17.15	
PERIOD		2.04037	ug/m^3	S_309	980449.92	3742064.77	17.44	0.00	17.44	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.14905	ug/m^3	S_310	980449.92	3742084.77	17.53	0.00	17.53	
PERIOD		3.28820	ug/m^3	S_311	980469.92	3742024.77	16.97	0.00	16.97	
PERIOD		2.82387	ug/m^3	S_312	980469.92	3742044.77	17.17	0.00	17.17	
PERIOD		2.66638	ug/m^3	S_313	980469.92	3742064.77	17.36	0.00	17.36	
PERIOD		2.79066	ug/m^3	S_314	980469.92	3742084.77	17.43	0.00	17.43	
PERIOD		3.95203	ug/m^3	S_315	980489.92	3742044.77	17.16	0.00	17.16	
PERIOD		3.58154	ug/m^3	S_316	980489.92	3742064.77	17.28	0.00	17.28	
PERIOD		5.04046	ug/m^3	W_001	980404.60	3742206.17	18.79	0.00	18.79	
PERIOD		4.99780	ug/m^3	W_002	980395.70	3742240.27	18.75	0.00	18.75	
PERIOD		3.48620	ug/m^3	W_003	980504.67	3742161.69	18.52	0.00	18.52	
PERIOD		3.30202	ug/m^3	W_004	980443.89	3742297.35	19.09	0.00	19.09	
PERIOD		3.23058	ug/m^3	W_005	980480.95	3742379.63	18.99	0.00	18.99	
PERIOD		2.12670	ug/m^3	W_006	980519.50	3742227.67	18.81	0.00	18.81	
PERIOD		1.83631	ug/m^3	W_007	980546.18	3742255.09	19.11	0.00	19.11	
PERIOD		1.60935	ug/m^3	W_008	980555.82	3742291.42	19.22	0.00	19.22	
PERIOD		1.50052	ug/m^3	W_009	980578.06	3742308.47	19.33	0.00	19.33	
PERIOD		1.29655	ug/m^3	W_010	980601.04	3742345.53	19.42	0.00	19.42	
PERIOD		3.12561	ug/m^3	W_011	980500.96	3742427.81	19.03	0.00	19.03	
PERIOD		2.42866	ug/m^3	W_012	980518.78	3742452.39	19.29	0.00	19.29	
PERIOD		1.12785	ug/m^3	W_013	980625.18	3742376.52	19.47	0.00	19.47	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.97412	ug/m^3	W_014	980640.01	3742414.89	19.45	0.00	19.45	
PERIOD		1.22630	ug/m^3	W_015	980561.52	3742496.87	19.93	0.00	19.93	
PERIOD		0.78032	ug/m^3	W_016	980665.30	3742472.45	19.69	0.00	19.69	
PERIOD		1.10007	ug/m^3	W_017	980513.48	3742577.06	19.19	0.00	19.19	
PERIOD		0.32564	ug/m^3	W_018	979899.40	3742334.47	19.24	0.00	19.24	
PERIOD		0.24546	ug/m^3	W_019	979936.77	3742099.68	17.99	0.00	17.99	
PERIOD		0.13627	ug/m^3	W_020	979761.24	3742285.82	19.04	0.00	19.04	
PERIOD		0.10781	ug/m^3	W_021	979733.51	3742181.86	18.30	0.00	18.30	
PERIOD		0.22684	ug/m^3	W_022	979924.14	3742077.70	17.92	0.00	17.92	
PERIOD		0.11859	ug/m^3	W_023	979822.04	3741883.42	17.43	0.00	17.43	
PERIOD		0.08660	ug/m^3	W_024	979674.08	3742101.64	18.09	0.00	18.09	
PERIOD		0.35293	ug/m^3	W_025	979851.61	3742394.38	19.48	0.00	19.48	
PERIOD		0.32572	ug/m^3	W_026	979873.78	3742356.02	19.42	0.00	19.42	
PERIOD		0.06797	ug/m^3	W_027	979586.82	3742234.43	19.12	0.00	19.12	
PERIOD		0.07080	ug/m^3	W_028	979600.20	3742183.36	18.86	0.00	18.86	
PERIOD		0.06147	ug/m^3	W_029	979550.35	3742193.09	18.98	0.00	18.98	
PERIOD		0.07442	ug/m^3	W_030	979618.44	3742121.35	18.69	0.00	18.69	
PERIOD		0.15479	ug/m^3	W_031	979858.81	3741944.73	17.56	0.00	17.56	
PERIOD		0.09492	ug/m^3	W_032	979760.89	3741849.21	17.63	0.00	17.63	
1-HR	1ST	22.76468	ug/m^3	RES_001	979660.30	3742498.81	19.96	0.00	19.96	12/11/2020, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	23.41061	ug/m^3	RES_002	979660.30	3742518.81	20.04	0.00	20.04	12/7/2022, 8
1-HR	1ST	25.88507	ug/m^3	RES_003	979660.30	3742538.81	20.10	0.00	20.10	12/7/2022, 8
1-HR	1ST	28.11582	ug/m^3	RES_004	979660.30	3742558.81	20.16	0.00	20.16	12/7/2022, 8
1-HR	1ST	29.83976	ug/m^3	RES_005	979660.30	3742578.81	20.25	0.00	20.25	12/7/2022, 8
1-HR	1ST	32.15243	ug/m^3	RES_006	979660.30	3742598.81	20.26	0.00	20.26	1/17/2023, 8
1-HR	1ST	34.89316	ug/m^3	RES_007	979660.30	3742618.81	20.30	0.00	20.30	1/17/2023, 8
1-HR	1ST	37.33063	ug/m^3	RES_008	979660.30	3742638.81	20.42	0.00	20.42	1/17/2023, 8
1-HR	1ST	39.35198	ug/m^3	RES_009	979660.30	3742658.81	20.49	0.00	20.49	1/17/2023, 8
1-HR	1ST	40.89421	ug/m^3	RES_010	979660.30	3742678.81	20.53	0.00	20.53	1/17/2023, 8
1-HR	1ST	41.93752	ug/m^3	RES_011	979660.30	3742698.81	20.51	0.00	20.51	1/17/2023, 8
1-HR	1ST	42.48863	ug/m^3	RES_012	979660.30	3742718.81	20.73	0.00	20.73	1/17/2023, 8
1-HR	1ST	42.58274	ug/m^3	RES_013	979660.30	3742738.81	21.08	0.00	21.08	1/17/2023, 8
1-HR	1ST	42.29098	ug/m^3	RES_014	979660.30	3742758.81	21.12	0.00	21.12	1/17/2023, 8
1-HR	1ST	41.66175	ug/m^3	RES_015	979660.30	3742778.81	21.10	0.00	21.10	1/17/2023, 8
1-HR	1ST	23.38764	ug/m^3	RES_016	979680.30	3742498.81	20.06	0.00	20.06	12/11/2020, 8
1-HR	1ST	25.65948	ug/m^3	RES_017	979680.30	3742518.81	20.14	0.00	20.14	12/7/2022, 8
1-HR	1ST	28.38653	ug/m^3	RES_018	979680.30	3742538.81	20.21	0.00	20.21	12/7/2022, 8
1-HR	1ST	30.66231	ug/m^3	RES_019	979680.30	3742558.81	20.28	0.00	20.28	12/7/2022, 8
1-HR	1ST	32.68845	ug/m^3	RES_020	979680.30	3742578.81	20.34	0.00	20.34	1/17/2023, 8
1-HR	1ST	35.80008	ug/m^3	RES_021	979680.30	3742598.81	20.33	0.00	20.33	1/17/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	38.59508	ug/m^3	RES_022	979680.30	3742618.81	20.35	0.00	20.35	1/17/2023, 8
1-HR	1ST	40.92233	ug/m^3	RES_023	979680.30	3742638.81	20.51	0.00	20.51	1/17/2023, 8
1-HR	1ST	42.69349	ug/m^3	RES_024	979680.30	3742658.81	20.64	0.00	20.64	1/17/2023, 8
1-HR	1ST	43.88267	ug/m^3	RES_025	979680.30	3742678.81	20.73	0.00	20.73	1/17/2023, 8
1-HR	1ST	44.51438	ug/m^3	RES_026	979680.30	3742698.81	20.68	0.00	20.68	1/17/2023, 8
1-HR	1ST	44.61931	ug/m^3	RES_027	979680.30	3742718.81	20.93	0.00	20.93	1/17/2023, 8
1-HR	1ST	44.13451	ug/m^3	RES_028	979680.30	3742738.81	21.36	0.00	21.36	1/17/2023, 8
1-HR	1ST	43.50775	ug/m^3	RES_029	979680.30	3742758.81	21.30	0.00	21.30	1/17/2023, 8
1-HR	1ST	42.53965	ug/m^3	RES_030	979680.30	3742778.81	21.17	0.00	21.17	1/17/2023, 8
1-HR	1ST	41.28676	ug/m^3	RES_031	979680.30	3742798.81	20.96	0.00	20.96	1/17/2023, 8
1-HR	1ST	25.10933	ug/m^3	RES_032	979700.30	3742498.81	20.19	0.00	20.19	12/7/2022, 8
1-HR	1ST	28.34929	ug/m^3	RES_033	979700.30	3742518.81	20.27	0.00	20.27	12/7/2022, 8
1-HR	1ST	31.28523	ug/m^3	RES_034	979700.30	3742538.81	20.36	0.00	20.36	12/7/2022, 8
1-HR	1ST	33.48177	ug/m^3	RES_035	979700.30	3742558.81	20.44	0.00	20.44	12/7/2022, 8
1-HR	1ST	36.67794	ug/m^3	RES_036	979700.30	3742578.81	20.47	0.00	20.47	1/17/2023, 8
1-HR	1ST	39.91644	ug/m^3	RES_037	979700.30	3742598.81	20.47	0.00	20.47	1/17/2023, 8
1-HR	1ST	42.62409	ug/m^3	RES_038	979700.30	3742618.81	20.50	0.00	20.50	1/17/2023, 8
1-HR	1ST	44.67946	ug/m^3	RES_039	979700.30	3742638.81	20.68	0.00	20.68	1/17/2023, 8
1-HR	1ST	46.04778	ug/m^3	RES_040	979700.30	3742658.81	20.81	0.00	20.81	1/17/2023, 8
1-HR	1ST	46.75774	ug/m^3	RES_041	979700.30	3742678.81	20.90	0.00	20.90	1/17/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	46.87789	ug/m^3	RES_042	979700.30	3742698.81	20.85	0.00	20.85	1/17/2023, 8
1-HR	1ST	46.47243	ug/m^3	RES_043	979700.30	3742718.81	21.07	0.00	21.07	1/17/2023, 8
1-HR	1ST	45.35007	ug/m^3	RES_044	979700.30	3742738.81	21.49	0.00	21.49	1/17/2023, 8
1-HR	1ST	44.33655	ug/m^3	RES_045	979700.30	3742758.81	21.39	0.00	21.39	1/17/2023, 8
1-HR	1ST	43.08231	ug/m^3	RES_046	979700.30	3742778.81	21.24	0.00	21.24	1/17/2023, 8
1-HR	1ST	41.49311	ug/m^3	RES_047	979700.30	3742798.81	21.05	0.00	21.05	1/17/2023, 8
1-HR	1ST	27.89310	ug/m^3	RES_048	979720.30	3742498.81	20.32	0.00	20.32	12/7/2022, 8
1-HR	1ST	31.58299	ug/m^3	RES_049	979720.30	3742518.81	20.42	0.00	20.42	12/7/2022, 8
1-HR	1ST	34.61766	ug/m^3	RES_050	979720.30	3742538.81	20.51	0.00	20.51	12/7/2022, 8
1-HR	1ST	37.48409	ug/m^3	RES_051	979720.30	3742558.81	20.58	0.00	20.58	1/17/2023, 8
1-HR	1ST	41.28268	ug/m^3	RES_052	979720.30	3742578.81	20.59	0.00	20.59	1/17/2023, 8
1-HR	1ST	44.47495	ug/m^3	RES_053	979720.30	3742598.81	20.61	0.00	20.61	1/17/2023, 8
1-HR	1ST	46.89281	ug/m^3	RES_054	979720.30	3742618.81	20.65	0.00	20.65	1/17/2023, 8
1-HR	1ST	48.47975	ug/m^3	RES_055	979720.30	3742638.81	20.85	0.00	20.85	1/17/2023, 8
1-HR	1ST	49.28361	ug/m^3	RES_056	979720.30	3742658.81	20.98	0.00	20.98	1/17/2023, 8
1-HR	1ST	49.39195	ug/m^3	RES_057	979720.30	3742678.81	21.05	0.00	21.05	1/17/2023, 8
1-HR	1ST	48.91665	ug/m^3	RES_058	979720.30	3742698.81	21.03	0.00	21.03	1/17/2023, 8
1-HR	1ST	47.95585	ug/m^3	RES_059	979720.30	3742718.81	21.21	0.00	21.21	1/17/2023, 8
1-HR	1ST	46.31381	ug/m^3	RES_060	979720.30	3742738.81	21.59	0.00	21.59	1/17/2023, 8
1-HR	1ST	44.74031	ug/m^3	RES_061	979720.30	3742758.81	21.48	0.00	21.48	1/17/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	43.11173	ug/m^3	RES_062	979720.30	3742778.81	21.36	0.00	21.36	1/17/2023, 8
1-HR	1ST	33.82710	ug/m^3	RES_063	979740.30	3742478.81	20.28	0.00	20.28	12/11/2020, 8
1-HR	1ST	31.37663	ug/m^3	RES_064	979740.30	3742498.81	20.42	0.00	20.42	12/7/2022, 8
1-HR	1ST	35.46827	ug/m^3	RES_065	979740.30	3742518.81	20.52	0.00	20.52	12/7/2022, 8
1-HR	1ST	38.38420	ug/m^3	RES_066	979740.30	3742538.81	20.61	0.00	20.61	12/7/2022, 8
1-HR	1ST	42.66895	ug/m^3	RES_067	979740.30	3742558.81	20.68	0.00	20.68	1/17/2023, 8
1-HR	1ST	46.49489	ug/m^3	RES_068	979740.30	3742578.81	20.70	0.00	20.70	1/17/2023, 8
1-HR	1ST	49.37684	ug/m^3	RES_069	979740.30	3742598.81	20.74	0.00	20.74	1/17/2023, 8
1-HR	1ST	51.24747	ug/m^3	RES_070	979740.30	3742618.81	20.80	0.00	20.80	1/17/2023, 8
1-HR	1ST	52.15599	ug/m^3	RES_071	979740.30	3742638.81	21.00	0.00	21.00	1/17/2023, 8
1-HR	1ST	52.23992	ug/m^3	RES_072	979740.30	3742658.81	21.11	0.00	21.11	1/17/2023, 8
1-HR	1ST	51.64774	ug/m^3	RES_073	979740.30	3742678.81	21.15	0.00	21.15	1/17/2023, 8
1-HR	1ST	50.52288	ug/m^3	RES_074	979740.30	3742698.81	21.19	0.00	21.19	1/17/2023, 8
1-HR	1ST	48.83237	ug/m^3	RES_075	979740.30	3742718.81	21.35	0.00	21.35	1/17/2023, 8
1-HR	1ST	46.80950	ug/m^3	RES_076	979740.30	3742738.81	21.67	0.00	21.67	1/17/2023, 8
1-HR	1ST	44.88159	ug/m^3	RES_077	979740.30	3742758.81	21.55	0.00	21.55	1/17/2023, 8
1-HR	1ST	42.92857	ug/m^3	RES_078	979740.30	3742778.81	21.39	0.00	21.39	1/17/2023, 8
1-HR	1ST	35.64716	ug/m^3	RES_079	979760.30	3742478.81	20.37	0.00	20.37	12/11/2020, 8
1-HR	1ST	35.78271	ug/m^3	RES_080	979760.30	3742498.81	20.44	0.00	20.44	12/7/2022, 8
1-HR	1ST	40.09362	ug/m^3	RES_081	979760.30	3742518.81	20.54	0.00	20.54	12/7/2022, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	44.03174	ug/m^3	RES_082	979760.30	3742538.81	20.64	0.00	20.64	1/17/2023, 8
1-HR	1ST	48.71091	ug/m^3	RES_083	979760.30	3742558.81	20.74	0.00	20.74	1/17/2023, 8
1-HR	1ST	52.21044	ug/m^3	RES_084	979760.30	3742578.81	20.80	0.00	20.80	1/17/2023, 8
1-HR	1ST	54.43150	ug/m^3	RES_085	979760.30	3742598.81	20.87	0.00	20.87	1/17/2023, 8
1-HR	1ST	55.46704	ug/m^3	RES_086	979760.30	3742618.81	20.96	0.00	20.96	1/17/2023, 8
1-HR	1ST	55.49469	ug/m^3	RES_087	979760.30	3742638.81	21.15	0.00	21.15	1/17/2023, 8
1-HR	1ST	54.73641	ug/m^3	RES_088	979760.30	3742658.81	21.25	0.00	21.25	1/17/2023, 8
1-HR	1ST	53.38868	ug/m^3	RES_089	979760.30	3742678.81	21.25	0.00	21.25	1/17/2023, 8
1-HR	1ST	51.44071	ug/m^3	RES_090	979760.30	3742698.81	21.33	0.00	21.33	1/17/2023, 8
1-HR	1ST	49.21316	ug/m^3	RES_091	979760.30	3742718.81	21.49	0.00	21.49	1/17/2023, 8
1-HR	1ST	47.00321	ug/m^3	RES_092	979760.30	3742738.81	21.72	0.00	21.72	1/17/2023, 8
1-HR	1ST	44.62169	ug/m^3	RES_093	979760.30	3742758.81	21.61	0.00	21.61	1/17/2023, 8
1-HR	1ST	42.35044	ug/m^3	RES_094	979760.30	3742778.81	21.46	0.00	21.46	1/17/2023, 8
1-HR	1ST	37.62434	ug/m^3	RES_095	979780.30	3742478.81	20.44	0.00	20.44	12/11/2020, 8
1-HR	1ST	41.37948	ug/m^3	RES_096	979780.30	3742498.81	20.50	0.00	20.50	12/7/2022, 8
1-HR	1ST	45.47234	ug/m^3	RES_097	979780.30	3742518.81	20.56	0.00	20.56	12/7/2022, 8
1-HR	1ST	51.15023	ug/m^3	RES_098	979780.30	3742538.81	20.66	0.00	20.66	1/17/2023, 8
1-HR	1ST	55.50437	ug/m^3	RES_099	979780.30	3742558.81	20.77	0.00	20.77	1/17/2023, 8
1-HR	1ST	58.18103	ug/m^3	RES_100	979780.30	3742578.81	20.84	0.00	20.84	1/17/2023, 8
1-HR	1ST	59.33929	ug/m^3	RES_101	979780.30	3742598.81	20.96	0.00	20.96	1/17/2023, 8

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Sensitive Receptor Summary

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	59.26629	ug/m^3	RES_102	979780.30	3742618.81	21.13	0.00	21.13	1/17/2023, 8
1-HR	1ST	58.09497	ug/m^3	RES_103	979780.30	3742638.81	21.32	0.00	21.32	1/17/2023, 8
1-HR	1ST	56.43272	ug/m^3	RES_104	979780.30	3742658.81	21.40	0.00	21.40	1/17/2023, 8
1-HR	1ST	54.33649	ug/m^3	RES_105	979780.30	3742678.81	21.35	0.00	21.35	1/17/2023, 8
1-HR	1ST	51.88897	ug/m^3	RES_106	979780.30	3742698.81	21.44	0.00	21.44	1/17/2023, 8
1-HR	1ST	49.22861	ug/m^3	RES_107	979780.30	3742718.81	21.57	0.00	21.57	1/17/2023, 8
1-HR	1ST	46.54047	ug/m^3	RES_108	979780.30	3742738.81	21.71	0.00	21.71	1/17/2023, 8
1-HR	1ST	43.98535	ug/m^3	RES_109	979780.30	3742758.81	21.60	0.00	21.60	1/17/2023, 8
1-HR	1ST	41.41077	ug/m^3	RES_110	979780.30	3742778.81	21.48	0.00	21.48	1/17/2023, 8
1-HR	1ST	41.65289	ug/m^3	RES_111	979800.30	3742478.81	20.53	0.00	20.53	12/7/2022, 8
1-HR	1ST	48.41495	ug/m^3	RES_112	979800.30	3742498.81	20.59	0.00	20.59	12/7/2022, 8
1-HR	1ST	53.80320	ug/m^3	RES_113	979800.30	3742518.81	20.62	0.00	20.62	1/17/2023, 8
1-HR	1ST	59.41607	ug/m^3	RES_114	979800.30	3742538.81	20.73	0.00	20.73	1/17/2023, 8
1-HR	1ST	62.69122	ug/m^3	RES_115	979800.30	3742558.81	20.91	0.00	20.91	1/17/2023, 8
1-HR	1ST	63.96127	ug/m^3	RES_116	979800.30	3742578.81	21.00	0.00	21.00	1/17/2023, 8
1-HR	1ST	63.69815	ug/m^3	RES_117	979800.30	3742598.81	21.10	0.00	21.10	1/17/2023, 8
1-HR	1ST	62.34932	ug/m^3	RES_118	979800.30	3742618.81	21.22	0.00	21.22	1/17/2023, 8
1-HR	1ST	60.02716	ug/m^3	RES_119	979800.30	3742638.81	21.42	0.00	21.42	1/17/2023, 8
1-HR	1ST	57.39300	ug/m^3	RES_120	979800.30	3742658.81	21.51	0.00	21.51	1/17/2023, 8
1-HR	1ST	54.72839	ug/m^3	RES_121	979800.30	3742678.81	21.41	0.00	21.41	1/17/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	51.74903	ug/m^3	RES_122	979800.30	3742698.81	21.47	0.00	21.47	1/17/2023, 8
1-HR	1ST	48.75471	ug/m^3	RES_123	979800.30	3742718.81	21.56	0.00	21.56	1/17/2023, 8
1-HR	1ST	45.83705	ug/m^3	RES_124	979800.30	3742738.81	21.62	0.00	21.62	1/17/2023, 8
1-HR	1ST	43.01259	ug/m^3	RES_125	979800.30	3742758.81	21.50	0.00	21.50	1/17/2023, 8
1-HR	1ST	42.32141	ug/m^3	RES_126	979800.30	3742778.81	21.39	0.00	21.39	12/13/2023, 8
1-HR	1ST	50.70428	ug/m^3	RES_127	979820.30	3742478.81	20.72	0.00	20.72	12/7/2022, 8
1-HR	1ST	56.90340	ug/m^3	RES_128	979820.30	3742498.81	20.79	0.00	20.79	12/7/2022, 8
1-HR	1ST	64.19177	ug/m^3	RES_129	979820.30	3742518.81	20.81	0.00	20.81	1/17/2023, 8
1-HR	1ST	68.31990	ug/m^3	RES_130	979820.30	3742538.81	20.90	0.00	20.90	1/17/2023, 8
1-HR	1ST	69.62527	ug/m^3	RES_131	979820.30	3742558.81	21.04	0.00	21.04	1/17/2023, 8
1-HR	1ST	68.99315	ug/m^3	RES_132	979820.30	3742578.81	21.08	0.00	21.08	1/17/2023, 8
1-HR	1ST	67.11002	ug/m^3	RES_133	979820.30	3742598.81	21.14	0.00	21.14	1/17/2023, 8
1-HR	1ST	64.46323	ug/m^3	RES_134	979820.30	3742618.81	21.24	0.00	21.24	1/17/2023, 8
1-HR	1ST	61.06696	ug/m^3	RES_135	979820.30	3742638.81	21.47	0.00	21.47	1/17/2023, 8
1-HR	1ST	57.73109	ug/m^3	RES_136	979820.30	3742658.81	21.57	0.00	21.57	1/17/2023, 8
1-HR	1ST	54.55953	ug/m^3	RES_137	979820.30	3742678.81	21.38	0.00	21.38	1/17/2023, 8
1-HR	1ST	51.22631	ug/m^3	RES_138	979820.30	3742698.81	21.37	0.00	21.37	1/17/2023, 8
1-HR	1ST	47.93261	ug/m^3	RES_139	979820.30	3742718.81	21.41	0.00	21.41	1/17/2023, 8
1-HR	1ST	45.47902	ug/m^3	RES_140	979820.30	3742738.81	21.44	0.00	21.44	12/13/2023, 8
1-HR	1ST	44.60163	ug/m^3	RES_141	979820.30	3742758.81	21.28	0.00	21.28	12/13/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	43.87593	ug/m^3	RES_142	979820.30	3742778.81	21.08	0.00	21.08	12/13/2023, 8
1-HR	1ST	63.10662	ug/m^3	RES_143	979840.30	3742478.81	20.99	0.00	20.99	12/7/2022, 8
1-HR	1ST	70.22384	ug/m^3	RES_144	979840.30	3742498.81	21.12	0.00	21.12	1/17/2023, 8
1-HR	1ST	75.61894	ug/m^3	RES_145	979840.30	3742518.81	21.15	0.00	21.15	1/17/2023, 8
1-HR	1ST	76.77141	ug/m^3	RES_146	979840.30	3742538.81	21.18	0.00	21.18	1/17/2023, 8
1-HR	1ST	75.41653	ug/m^3	RES_147	979840.30	3742558.81	21.19	0.00	21.19	1/17/2023, 8
1-HR	1ST	72.70546	ug/m^3	RES_148	979840.30	3742578.81	21.11	0.00	21.11	1/17/2023, 8
1-HR	1ST	69.27257	ug/m^3	RES_149	979840.30	3742598.81	21.08	0.00	21.08	1/17/2023, 8
1-HR	1ST	65.48796	ug/m^3	RES_150	979840.30	3742618.81	21.14	0.00	21.14	1/17/2023, 8
1-HR	1ST	61.51377	ug/m^3	RES_151	979840.30	3742638.81	21.27	0.00	21.27	1/17/2023, 8
1-HR	1ST	57.51211	ug/m^3	RES_152	979840.30	3742658.81	21.32	0.00	21.32	1/17/2023, 8
1-HR	1ST	53.90913	ug/m^3	RES_153	979840.30	3742678.81	21.15	0.00	21.15	1/17/2023, 8
1-HR	1ST	50.26647	ug/m^3	RES_154	979840.30	3742698.81	21.15	0.00	21.15	1/17/2023, 8
1-HR	1ST	47.93572	ug/m^3	RES_155	979840.30	3742718.81	21.20	0.00	21.20	12/13/2023, 8
1-HR	1ST	47.12928	ug/m^3	RES_156	979840.30	3742738.81	21.19	0.00	21.19	12/13/2023, 8
1-HR	1ST	46.26917	ug/m^3	RES_157	979840.30	3742758.81	21.07	0.00	21.07	12/13/2023, 8
1-HR	1ST	45.36481	ug/m^3	RES_158	979840.30	3742778.81	20.91	0.00	20.91	12/13/2023, 8
1-HR	1ST	78.52812	ug/m^3	RES_159	979860.30	3742478.81	21.09	0.00	21.09	12/7/2022, 8
1-HR	1ST	85.67117	ug/m^3	RES_160	979860.30	3742498.81	21.28	0.00	21.28	1/17/2023, 8
1-HR	1ST	85.82436	ug/m^3	RES_161	979860.30	3742518.81	21.44	0.00	21.44	1/17/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	82.90224	ug/m^3	RES_162	979860.30	3742538.81	21.51	0.00	21.51	1/17/2023, 8
1-HR	1ST	78.98507	ug/m^3	RES_163	979860.30	3742558.81	21.42	0.00	21.42	1/17/2023, 8
1-HR	1ST	74.75617	ug/m^3	RES_164	979860.30	3742578.81	21.18	0.00	21.18	1/17/2023, 8
1-HR	1ST	70.10126	ug/m^3	RES_165	979860.30	3742598.81	20.98	0.00	20.98	1/17/2023, 8
1-HR	1ST	65.45945	ug/m^3	RES_166	979860.30	3742618.81	20.95	0.00	20.95	1/17/2023, 8
1-HR	1ST	60.95232	ug/m^3	RES_167	979860.30	3742638.81	20.95	0.00	20.95	1/17/2023, 8
1-HR	1ST	56.64320	ug/m^3	RES_168	979860.30	3742658.81	20.95	0.00	20.95	1/17/2023, 8
1-HR	1ST	52.56953	ug/m^3	RES_169	979860.30	3742678.81	20.92	0.00	20.92	1/17/2023, 8
1-HR	1ST	51.01222	ug/m^3	RES_170	979860.30	3742698.81	20.98	0.00	20.98	12/13/2023, 8
1-HR	1ST	49.88635	ug/m^3	RES_171	979860.30	3742718.81	21.06	0.00	21.06	12/13/2023, 8
1-HR	1ST	48.74738	ug/m^3	RES_172	979860.30	3742738.81	21.00	0.00	21.00	12/13/2023, 8
1-HR	1ST	47.59615	ug/m^3	RES_173	979860.30	3742758.81	20.91	0.00	20.91	12/13/2023, 8
1-HR	1ST	46.43831	ug/m^3	RES_174	979860.30	3742778.81	20.80	0.00	20.80	12/13/2023, 8
1-HR	1ST	95.07156	ug/m^3	RES_175	979880.30	3742458.81	20.87	0.00	20.87	12/7/2022, 8
1-HR	1ST	100.74754	ug/m^3	RES_176	979880.30	3742478.81	21.14	0.00	21.14	1/17/2023, 8
1-HR	1ST	98.52268	ug/m^3	RES_177	979880.30	3742498.81	21.35	0.00	21.35	1/17/2023, 8
1-HR	1ST	92.69184	ug/m^3	RES_178	979880.30	3742518.81	21.52	0.00	21.52	1/17/2023, 8
1-HR	1ST	86.55071	ug/m^3	RES_179	979880.30	3742538.81	21.61	0.00	21.61	1/17/2023, 8
1-HR	1ST	80.56320	ug/m^3	RES_180	979880.30	3742558.81	21.56	0.00	21.56	1/17/2023, 8
1-HR	1ST	75.16229	ug/m^3	RES_181	979880.30	3742578.81	21.27	0.00	21.27	1/17/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	69.73418	ug/m^3	RES_182	979880.30	3742598.81	21.04	0.00	21.04	1/17/2023, 8
1-HR	1ST	64.49050	ug/m^3	RES_183	979880.30	3742618.81	21.14	0.00	21.14	1/17/2023, 8
1-HR	1ST	59.58259	ug/m^3	RES_184	979880.30	3742638.81	21.17	0.00	21.17	1/17/2023, 8
1-HR	1ST	55.68805	ug/m^3	RES_185	979880.30	3742658.81	21.16	0.00	21.16	12/13/2023, 8
1-HR	1ST	54.19957	ug/m^3	RES_186	979880.30	3742678.81	21.04	0.00	21.04	12/13/2023, 8
1-HR	1ST	52.72915	ug/m^3	RES_187	979880.30	3742698.81	21.05	0.00	21.05	12/13/2023, 8
1-HR	1ST	51.28135	ug/m^3	RES_188	979880.30	3742718.81	21.11	0.00	21.11	12/13/2023, 8
1-HR	1ST	49.87066	ug/m^3	RES_189	979880.30	3742738.81	20.96	0.00	20.96	12/13/2023, 8
1-HR	1ST	48.48290	ug/m^3	RES_190	979880.30	3742758.81	20.81	0.00	20.81	12/13/2023, 8
1-HR	1ST	99.56117	ug/m^3	RES_191	979900.30	3742458.81	20.86	0.00	20.86	12/7/2022, 8
1-HR	1ST	114.97845	ug/m^3	RES_192	979900.30	3742478.81	21.10	0.00	21.10	1/17/2023, 8
1-HR	1ST	104.80450	ug/m^3	RES_193	979900.30	3742498.81	21.29	0.00	21.29	1/17/2023, 8
1-HR	1ST	95.64542	ug/m^3	RES_194	979900.30	3742518.81	21.47	0.00	21.47	1/17/2023, 8
1-HR	1ST	87.74330	ug/m^3	RES_195	979900.30	3742538.81	21.58	0.00	21.58	1/17/2023, 8
1-HR	1ST	80.63758	ug/m^3	RES_196	979900.30	3742558.81	21.58	0.00	21.58	1/17/2023, 8
1-HR	1ST	74.30994	ug/m^3	RES_197	979900.30	3742578.81	21.34	0.00	21.34	1/17/2023, 8
1-HR	1ST	68.45118	ug/m^3	RES_198	979900.30	3742598.81	21.13	0.00	21.13	1/17/2023, 8
1-HR	1ST	62.82478	ug/m^3	RES_199	979900.30	3742618.81	21.26	0.00	21.26	1/17/2023, 8
1-HR	1ST	59.77927	ug/m^3	RES_200	979900.30	3742638.81	21.32	0.00	21.32	12/13/2023, 8
1-HR	1ST	57.80284	ug/m^3	RES_201	979900.30	3742658.81	21.32	0.00	21.32	12/13/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	55.63471	ug/m^3	RES_202	979900.30	3742678.81	21.20	0.00	21.20	12/13/2023, 8
1-HR	1ST	53.86602	ug/m^3	RES_203	979900.30	3742698.81	21.23	0.00	21.23	12/13/2023, 8
1-HR	1ST	52.37893	ug/m^3	RES_204	979900.30	3742718.81	21.34	0.00	21.34	12/13/2023, 8
1-HR	1ST	50.53386	ug/m^3	RES_205	979900.30	3742738.81	21.12	0.00	21.12	12/13/2023, 8
1-HR	1ST	48.96461	ug/m^3	RES_206	979900.30	3742758.81	20.80	0.00	20.80	12/13/2023, 8
1-HR	1ST	103.82735	ug/m^3	RES_207	979920.30	3742458.81	20.79	0.00	20.79	1/17/2023, 8
1-HR	1ST	118.61970	ug/m^3	RES_208	979920.30	3742478.81	20.98	0.00	20.98	1/17/2023, 8
1-HR	1ST	106.86587	ug/m^3	RES_209	979920.30	3742498.81	21.17	0.00	21.17	1/17/2023, 8
1-HR	1ST	96.55533	ug/m^3	RES_210	979920.30	3742518.81	21.36	0.00	21.36	1/17/2023, 8
1-HR	1ST	87.51178	ug/m^3	RES_211	979920.30	3742538.81	21.52	0.00	21.52	1/17/2023, 8
1-HR	1ST	79.62894	ug/m^3	RES_212	979920.30	3742558.81	21.53	0.00	21.53	1/17/2023, 8
1-HR	1ST	72.71351	ug/m^3	RES_213	979920.30	3742578.81	21.34	0.00	21.34	1/17/2023, 8
1-HR	1ST	66.46023	ug/m^3	RES_214	979920.30	3742598.81	21.16	0.00	21.16	1/17/2023, 8
1-HR	1ST	63.62185	ug/m^3	RES_215	979920.30	3742618.81	21.36	0.00	21.36	12/13/2023, 8
1-HR	1ST	61.22554	ug/m^3	RES_216	979920.30	3742638.81	21.43	0.00	21.43	12/13/2023, 8
1-HR	1ST	58.92915	ug/m^3	RES_217	979920.30	3742658.81	21.41	0.00	21.41	12/13/2023, 8
1-HR	1ST	56.73807	ug/m^3	RES_218	979920.30	3742678.81	21.33	0.00	21.33	12/13/2023, 8
1-HR	1ST	54.69934	ug/m^3	RES_219	979920.30	3742698.81	21.37	0.00	21.37	12/13/2023, 8
1-HR	1ST	52.85806	ug/m^3	RES_220	979920.30	3742718.81	21.50	0.00	21.50	12/13/2023, 8
1-HR	1ST	50.80443	ug/m^3	RES_221	979920.30	3742738.81	21.21	0.00	21.21	12/13/2023, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	49.08431	ug/m^3	RES_222	979920.30	3742758.81	20.94	0.00	20.94	12/13/2023, 8
1-HR	1ST	134.11850	ug/m^3	RES_223	979940.30	3742458.81	20.69	0.00	20.69	1/17/2023, 8
1-HR	1ST	120.88960	ug/m^3	RES_224	979940.30	3742478.81	20.87	0.00	20.87	1/17/2023, 8
1-HR	1ST	107.62905	ug/m^3	RES_225	979940.30	3742498.81	21.09	0.00	21.09	1/17/2023, 8
1-HR	1ST	96.10074	ug/m^3	RES_226	979940.30	3742518.81	21.34	0.00	21.34	1/17/2023, 8
1-HR	1ST	86.16530	ug/m^3	RES_227	979940.30	3742538.81	21.51	0.00	21.51	1/17/2023, 8
1-HR	1ST	77.80108	ug/m^3	RES_228	979940.30	3742558.81	21.42	0.00	21.42	1/17/2023, 8
1-HR	1ST	70.56896	ug/m^3	RES_229	979940.30	3742578.81	21.26	0.00	21.26	12/13/2023, 8
1-HR	1ST	67.34409	ug/m^3	RES_230	979940.30	3742598.81	21.12	0.00	21.12	12/13/2023, 8
1-HR	1ST	64.67794	ug/m^3	RES_231	979940.30	3742618.81	21.38	0.00	21.38	12/13/2023, 8
1-HR	1ST	62.11165	ug/m^3	RES_232	979940.30	3742638.81	21.47	0.00	21.47	12/13/2023, 8
1-HR	1ST	59.44669	ug/m^3	RES_233	979940.30	3742658.81	21.42	0.00	21.42	12/13/2023, 8
1-HR	1ST	57.06688	ug/m^3	RES_234	979940.30	3742678.81	21.39	0.00	21.39	12/13/2023, 8
1-HR	1ST	54.84968	ug/m^3	RES_235	979940.30	3742698.81	21.43	0.00	21.43	12/13/2023, 8
1-HR	1ST	53.12027	ug/m^3	RES_236	979940.30	3742718.81	21.54	0.00	21.54	1/28/2020, 8
1-HR	1ST	50.95331	ug/m^3	RES_237	979940.30	3742738.81	21.21	0.00	21.21	1/28/2020, 8
1-HR	1ST	49.52174	ug/m^3	RES_238	979940.30	3742758.81	20.96	0.00	20.96	1/28/2020, 8
1-HR	1ST	138.55114	ug/m^3	RES_239	979960.30	3742458.81	20.56	0.00	20.56	1/17/2023, 8
1-HR	1ST	121.76235	ug/m^3	RES_240	979960.30	3742478.81	20.73	0.00	20.73	1/17/2023, 8
1-HR	1ST	106.91653	ug/m^3	RES_241	979960.30	3742498.81	20.96	0.00	20.96	1/17/2023, 8

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PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	94.52146	ug/m^3	RES_242	979960.30	3742518.81	21.20	0.00	21.20	1/17/2023, 8
1-HR	1ST	83.86121	ug/m^3	RES_243	979960.30	3742538.81	21.38	0.00	21.38	1/17/2023, 8
1-HR	1ST	75.72680	ug/m^3	RES_244	979960.30	3742558.81	21.25	0.00	21.25	12/13/2023, 8
1-HR	1ST	71.74147	ug/m^3	RES_245	979960.30	3742578.81	21.11	0.00	21.11	12/13/2023, 8
1-HR	1ST	68.20676	ug/m^3	RES_246	979960.30	3742598.81	21.00	0.00	21.00	12/13/2023, 8
1-HR	1ST	65.04628	ug/m^3	RES_247	979960.30	3742618.81	21.29	0.00	21.29	12/13/2023, 8
1-HR	1ST	62.22625	ug/m^3	RES_248	979960.30	3742638.81	21.40	0.00	21.40	12/13/2023, 8
1-HR	1ST	59.51266	ug/m^3	RES_249	979960.30	3742658.81	21.34	0.00	21.34	12/13/2023, 8
1-HR	1ST	56.98936	ug/m^3	RES_250	979960.30	3742678.81	21.35	0.00	21.35	12/13/2023, 8
1-HR	1ST	55.06734	ug/m^3	RES_251	979960.30	3742698.81	21.38	0.00	21.38	1/28/2020, 8
1-HR	1ST	53.34765	ug/m^3	RES_252	979960.30	3742718.81	21.45	0.00	21.45	1/28/2020, 8
1-HR	1ST	51.35517	ug/m^3	RES_253	979960.30	3742738.81	21.12	0.00	21.12	1/28/2020, 8
1-HR	1ST	49.81040	ug/m^3	RES_254	979960.30	3742758.81	20.84	0.00	20.84	1/28/2020, 8
1-HR	1ST	140.24523	ug/m^3	RES_255	979980.30	3742458.81	20.41	0.00	20.41	1/17/2023, 8
1-HR	1ST	120.59096	ug/m^3	RES_256	979980.30	3742478.81	20.57	0.00	20.57	1/17/2023, 8
1-HR	1ST	104.40521	ug/m^3	RES_257	979980.30	3742498.81	20.78	0.00	20.78	1/17/2023, 8
1-HR	1ST	91.27996	ug/m^3	RES_258	979980.30	3742518.81	20.98	0.00	20.98	1/17/2023, 8
1-HR	1ST	81.61948	ug/m^3	RES_259	979980.30	3742538.81	21.14	0.00	21.14	12/13/2023, 8
1-HR	1ST	76.63339	ug/m^3	RES_260	979980.30	3742558.81	21.05	0.00	21.05	12/13/2023, 8
1-HR	1ST	72.32661	ug/m^3	RES_261	979980.30	3742578.81	20.93	0.00	20.93	12/13/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	68.52655	ug/m^3	RES_262	979980.30	3742598.81	20.80	0.00	20.80	12/13/2023, 8
1-HR	1ST	65.07583	ug/m^3	RES_263	979980.30	3742618.81	21.07	0.00	21.07	12/13/2023, 8
1-HR	1ST	61.97352	ug/m^3	RES_264	979980.30	3742638.81	21.17	0.00	21.17	12/13/2023, 8
1-HR	1ST	59.18934	ug/m^3	RES_265	979980.30	3742658.81	21.11	0.00	21.11	1/28/2020, 8
1-HR	1ST	57.04709	ug/m^3	RES_266	979980.30	3742678.81	21.15	0.00	21.15	1/28/2020, 8
1-HR	1ST	55.05472	ug/m^3	RES_267	979980.30	3742698.81	21.21	0.00	21.21	1/28/2020, 8
1-HR	1ST	53.27120	ug/m^3	RES_268	979980.30	3742718.81	21.27	0.00	21.27	1/28/2020, 8
1-HR	1ST	51.47032	ug/m^3	RES_269	979980.30	3742738.81	20.91	0.00	20.91	1/28/2020, 8
1-HR	1ST	49.83587	ug/m^3	RES_270	979980.30	3742758.81	20.58	0.00	20.58	1/28/2020, 8
1-HR	1ST	138.77937	ug/m^3	RES_271	980000.30	3742458.81	20.18	0.00	20.18	1/17/2023, 8
1-HR	1ST	116.88297	ug/m^3	RES_272	980000.30	3742478.81	20.34	0.00	20.34	1/17/2023, 8
1-HR	1ST	99.98853	ug/m^3	RES_273	980000.30	3742498.81	20.51	0.00	20.51	1/17/2023, 8
1-HR	1ST	88.47865	ug/m^3	RES_274	980000.30	3742518.81	20.69	0.00	20.69	12/13/2023, 8
1-HR	1ST	82.12909	ug/m^3	RES_275	980000.30	3742538.81	20.86	0.00	20.86	12/13/2023, 8
1-HR	1ST	76.83944	ug/m^3	RES_276	980000.30	3742558.81	20.80	0.00	20.80	12/13/2023, 8
1-HR	1ST	72.28555	ug/m^3	RES_277	980000.30	3742578.81	20.71	0.00	20.71	12/13/2023, 8
1-HR	1ST	68.28755	ug/m^3	RES_278	980000.30	3742598.81	20.61	0.00	20.61	12/13/2023, 8
1-HR	1ST	64.69063	ug/m^3	RES_279	980000.30	3742618.81	20.84	0.00	20.84	12/13/2023, 8
1-HR	1ST	61.87929	ug/m^3	RES_280	980000.30	3742638.81	20.89	0.00	20.89	1/28/2020, 8
1-HR	1ST	59.44174	ug/m^3	RES_281	980000.30	3742658.81	20.70	0.00	20.70	1/28/2020, 8

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PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	57.17881	ug/m^3	RES_282	980000.30	3742678.81	20.78	0.00	20.78	1/28/2020, 8
1-HR	1ST	55.08135	ug/m^3	RES_283	980000.30	3742698.81	20.88	0.00	20.88	1/28/2020, 8
1-HR	1ST	53.12804	ug/m^3	RES_284	980000.30	3742718.81	20.97	0.00	20.97	1/28/2020, 8
1-HR	1ST	51.31937	ug/m^3	RES_285	980000.30	3742738.81	20.73	0.00	20.73	1/28/2020, 8
1-HR	1ST	49.61210	ug/m^3	RES_286	980000.30	3742758.81	20.49	0.00	20.49	1/28/2020, 8
1-HR	1ST	88.34146	ug/m^3	RES_287	980020.30	3742518.81	20.33	0.00	20.33	12/13/2023, 8
1-HR	1ST	81.78420	ug/m^3	RES_288	980020.30	3742538.81	20.52	0.00	20.52	12/13/2023, 8
1-HR	1ST	76.31871	ug/m^3	RES_289	980020.30	3742558.81	20.48	0.00	20.48	12/13/2023, 8
1-HR	1ST	71.62582	ug/m^3	RES_290	980020.30	3742578.81	20.43	0.00	20.43	12/13/2023, 8
1-HR	1ST	67.79693	ug/m^3	RES_291	980020.30	3742598.81	20.40	0.00	20.40	1/28/2020, 8
1-HR	1ST	64.65573	ug/m^3	RES_292	980020.30	3742618.81	20.58	0.00	20.58	1/28/2020, 8
1-HR	1ST	61.84848	ug/m^3	RES_293	980020.30	3742638.81	20.61	0.00	20.61	1/28/2020, 8
1-HR	1ST	59.31947	ug/m^3	RES_294	980020.30	3742658.81	20.38	0.00	20.38	1/28/2020, 8
1-HR	1ST	56.97707	ug/m^3	RES_295	980020.30	3742678.81	20.49	0.00	20.49	1/28/2020, 8
1-HR	1ST	54.80932	ug/m^3	RES_296	980020.30	3742698.81	20.65	0.00	20.65	1/28/2020, 8
1-HR	1ST	52.79821	ug/m^3	RES_297	980020.30	3742718.81	20.75	0.00	20.75	1/28/2020, 8
1-HR	1ST	50.93188	ug/m^3	RES_298	980020.30	3742738.81	20.61	0.00	20.61	1/28/2020, 8
1-HR	1ST	49.17468	ug/m^3	RES_299	980020.30	3742758.81	20.47	0.00	20.47	1/28/2020, 8
1-HR	1ST	61.44173	ug/m^3	RES_300	980040.30	3742638.81	20.36	0.00	20.36	1/28/2020, 8
1-HR	1ST	58.85968	ug/m^3	RES_301	980040.30	3742658.81	20.23	0.00	20.23	1/28/2020, 8

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PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	56.48091	ug/m^3	RES_302	980040.30	3742678.81	20.34	0.00	20.34	1/28/2020, 8
1-HR	1ST	54.28356	ug/m^3	RES_303	980040.30	3742698.81	20.47	0.00	20.47	1/28/2020, 8
1-HR	1ST	52.24583	ug/m^3	RES_304	980040.30	3742718.81	20.54	0.00	20.54	1/28/2020, 8
1-HR	1ST	50.34827	ug/m^3	RES_305	980040.30	3742738.81	20.47	0.00	20.47	1/28/2020, 8
1-HR	1ST	149.53106	ug/m^3	RES_306	980047.32	3742438.94	19.50	0.00	19.50	1/17/2023, 8
1-HR	1ST	119.88229	ug/m^3	RES_307	980047.32	3742458.94	19.54	0.00	19.54	1/17/2023, 8
1-HR	1ST	104.65999	ug/m^3	RES_308	980047.32	3742478.94	19.63	0.00	19.63	12/13/2023, 8
1-HR	1ST	94.52785	ug/m^3	RES_309	980047.32	3742498.94	19.73	0.00	19.73	12/13/2023, 8
1-HR	1ST	86.52594	ug/m^3	RES_310	980047.32	3742518.94	19.83	0.00	19.83	12/13/2023, 8
1-HR	1ST	79.99635	ug/m^3	RES_311	980047.32	3742538.94	19.93	0.00	19.93	12/13/2023, 8
1-HR	1ST	157.36061	ug/m^3	RES_312	980067.32	3742418.94	19.54	0.00	19.54	1/17/2023, 8
1-HR	1ST	134.95707	ug/m^3	RES_313	980067.32	3742438.94	19.61	0.00	19.61	1/17/2023, 8
1-HR	1ST	114.40877	ug/m^3	RES_314	980067.32	3742458.94	19.66	0.00	19.66	12/13/2023, 8
1-HR	1ST	101.62791	ug/m^3	RES_315	980067.32	3742478.94	19.67	0.00	19.67	12/13/2023, 8
1-HR	1ST	91.88669	ug/m^3	RES_316	980067.32	3742498.94	19.74	0.00	19.74	12/13/2023, 8
1-HR	1ST	84.36680	ug/m^3	RES_317	980067.32	3742518.94	19.80	0.00	19.80	1/28/2020, 8
1-HR	1ST	78.75310	ug/m^3	RES_318	980067.32	3742538.94	19.83	0.00	19.83	1/28/2020, 8
1-HR	1ST	74.02969	ug/m^3	RES_319	980067.32	3742558.94	19.82	0.00	19.82	1/28/2020, 8
1-HR	1ST	69.96567	ug/m^3	RES_320	980067.32	3742578.94	19.83	0.00	19.83	1/28/2020, 8
1-HR	1ST	154.20235	ug/m^3	RES_321	980087.32	3742418.94	19.57	0.00	19.57	1/17/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	125.35810	ug/m^3	RES_322	980087.32	3742438.94	19.76	0.00	19.76	12/13/2023, 8
1-HR	1ST	109.21628	ug/m^3	RES_323	980087.32	3742458.94	19.86	0.00	19.86	12/13/2023, 8
1-HR	1ST	97.44758	ug/m^3	RES_324	980087.32	3742478.94	19.84	0.00	19.84	12/13/2023, 8
1-HR	1ST	89.02121	ug/m^3	RES_325	980087.32	3742498.94	19.90	0.00	19.90	1/28/2020, 8
1-HR	1ST	82.52343	ug/m^3	RES_326	980087.32	3742518.94	19.93	0.00	19.93	1/28/2020, 8
1-HR	1ST	77.17130	ug/m^3	RES_327	980087.32	3742538.94	19.90	0.00	19.90	1/28/2020, 8
1-HR	1ST	72.63201	ug/m^3	RES_328	980087.32	3742558.94	19.87	0.00	19.87	1/28/2020, 8
1-HR	1ST	68.70003	ug/m^3	RES_329	980087.32	3742578.94	19.87	0.00	19.87	1/28/2020, 8
1-HR	1ST	163.31132	ug/m^3	RES_330	980107.32	3742398.94	19.38	0.00	19.38	1/17/2023, 8
1-HR	1ST	136.97122	ug/m^3	RES_331	980107.32	3742418.94	19.62	0.00	19.62	12/13/2023, 8
1-HR	1ST	117.10253	ug/m^3	RES_332	980107.32	3742438.94	19.87	0.00	19.87	12/13/2023, 8
1-HR	1ST	103.06927	ug/m^3	RES_333	980107.32	3742458.94	20.01	0.00	20.01	1/28/2020, 8
1-HR	1ST	93.63429	ug/m^3	RES_334	980107.32	3742478.94	20.03	0.00	20.03	1/28/2020, 8
1-HR	1ST	86.24817	ug/m^3	RES_335	980107.32	3742498.94	20.07	0.00	20.07	1/28/2020, 8
1-HR	1ST	80.25415	ug/m^3	RES_336	980107.32	3742518.94	20.08	0.00	20.08	1/28/2020, 8
1-HR	1ST	75.24968	ug/m^3	RES_337	980107.32	3742538.94	20.05	0.00	20.05	1/28/2020, 8
1-HR	1ST	70.95658	ug/m^3	RES_338	980107.32	3742558.94	20.01	0.00	20.01	1/28/2020, 8
1-HR	1ST	67.20531	ug/m^3	RES_339	980107.32	3742578.94	19.98	0.00	19.98	1/28/2020, 8
1-HR	1ST	148.90294	ug/m^3	RES_340	980127.32	3742398.94	19.43	0.00	19.43	12/13/2023, 8
1-HR	1ST	124.99639	ug/m^3	RES_341	980127.32	3742418.94	19.68	0.00	19.68	12/13/2023, 8

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PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	108.91775	ug/m^3	RES_342	980127.32	3742438.94	19.89	0.00	19.89	1/28/2020, 8
1-HR	1ST	98.16214	ug/m^3	RES_343	980127.32	3742458.94	20.05	0.00	20.05	1/28/2020, 8
1-HR	1ST	89.90726	ug/m^3	RES_344	980127.32	3742478.94	20.16	0.00	20.16	1/28/2020, 8
1-HR	1ST	83.30574	ug/m^3	RES_345	980127.32	3742498.94	20.20	0.00	20.20	1/28/2020, 8
1-HR	1ST	77.83757	ug/m^3	RES_346	980127.32	3742518.94	20.21	0.00	20.21	1/28/2020, 8
1-HR	1ST	73.19400	ug/m^3	RES_347	980127.32	3742538.94	20.20	0.00	20.20	1/28/2020, 8
1-HR	1ST	69.15940	ug/m^3	RES_348	980127.32	3742558.94	20.17	0.00	20.17	1/28/2020, 8
1-HR	1ST	65.59660	ug/m^3	RES_349	980127.32	3742578.94	20.15	0.00	20.15	1/28/2020, 8
1-HR	1ST	62.41169	ug/m^3	RES_350	980127.32	3742598.94	20.14	0.00	20.14	1/28/2020, 8
1-HR	1ST	154.44513	ug/m^3	RES_351	980147.32	3742378.94	19.27	0.00	19.27	1/17/2023, 8
1-HR	1ST	132.96245	ug/m^3	RES_352	980147.32	3742398.94	19.54	0.00	19.54	12/13/2023, 8
1-HR	1ST	114.77758	ug/m^3	RES_353	980147.32	3742418.94	19.69	0.00	19.69	1/28/2020, 8
1-HR	1ST	102.76013	ug/m^3	RES_354	980147.32	3742438.94	19.83	0.00	19.83	1/28/2020, 8
1-HR	1ST	93.65155	ug/m^3	RES_355	980147.32	3742458.94	19.97	0.00	19.97	1/28/2020, 8
1-HR	1ST	86.41998	ug/m^3	RES_356	980147.32	3742478.94	20.13	0.00	20.13	1/28/2020, 8
1-HR	1ST	80.48288	ug/m^3	RES_357	980147.32	3742498.94	20.24	0.00	20.24	1/28/2020, 8
1-HR	1ST	75.46698	ug/m^3	RES_358	980147.32	3742518.94	20.31	0.00	20.31	1/28/2020, 8
1-HR	1ST	71.14832	ug/m^3	RES_359	980147.32	3742538.94	20.30	0.00	20.30	1/28/2020, 8
1-HR	1ST	67.34565	ug/m^3	RES_360	980147.32	3742558.94	20.31	0.00	20.31	1/28/2020, 8
1-HR	1ST	63.95804	ug/m^3	RES_361	980147.32	3742578.94	20.32	0.00	20.32	1/28/2020, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	60.90795	ug/m^3	RES_362	980147.32	3742598.94	20.34	0.00	20.34	1/28/2020, 8
1-HR	1ST	58.12905	ug/m^3	RES_363	980147.32	3742618.94	20.43	0.00	20.43	1/28/2020, 8
1-HR	1ST	141.31810	ug/m^3	RES_364	980167.32	3742378.94	19.31	0.00	19.31	12/13/2023, 8
1-HR	1ST	120.91056	ug/m^3	RES_365	980167.32	3742398.94	19.53	0.00	19.53	1/28/2020, 8
1-HR	1ST	107.54044	ug/m^3	RES_366	980167.32	3742418.94	19.73	0.00	19.73	1/28/2020, 8
1-HR	1ST	97.54048	ug/m^3	RES_367	980167.32	3742438.94	19.87	0.00	19.87	1/28/2020, 8
1-HR	1ST	89.68527	ug/m^3	RES_368	980167.32	3742458.94	20.01	0.00	20.01	1/28/2020, 8
1-HR	1ST	83.25812	ug/m^3	RES_369	980167.32	3742478.94	20.19	0.00	20.19	1/28/2020, 8
1-HR	1ST	77.86497	ug/m^3	RES_370	980167.32	3742498.94	20.29	0.00	20.29	1/28/2020, 8
1-HR	1ST	73.23502	ug/m^3	RES_371	980167.32	3742518.94	20.33	0.00	20.33	1/28/2020, 8
1-HR	1ST	69.17905	ug/m^3	RES_372	980167.32	3742538.94	20.36	0.00	20.36	1/28/2020, 8
1-HR	1ST	65.58384	ug/m^3	RES_373	980167.32	3742558.94	20.34	0.00	20.34	1/28/2020, 8
1-HR	1ST	62.35907	ug/m^3	RES_374	980167.32	3742578.94	20.29	0.00	20.29	1/28/2020, 8
1-HR	1ST	59.43376	ug/m^3	RES_375	980167.32	3742598.94	20.31	0.00	20.31	1/28/2020, 8
1-HR	1ST	56.75314	ug/m^3	RES_376	980167.32	3742618.94	20.43	0.00	20.43	1/28/2020, 8
1-HR	1ST	54.27939	ug/m^3	RES_377	980167.32	3742638.94	20.62	0.00	20.62	1/28/2020, 8
1-HR	1ST	51.98169	ug/m^3	RES_378	980167.32	3742658.94	20.80	0.00	20.80	1/28/2020, 8
1-HR	1ST	149.73348	ug/m^3	RES_379	980187.32	3742358.94	19.11	0.00	19.11	12/13/2023, 8
1-HR	1ST	127.64212	ug/m^3	RES_380	980187.32	3742378.94	19.26	0.00	19.26	1/28/2020, 8
1-HR	1ST	112.79697	ug/m^3	RES_381	980187.32	3742398.94	19.43	0.00	19.43	1/28/2020, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	101.77711	ug/m^3	RES_382	980187.32	3742418.94	19.67	0.00	19.67	1/28/2020, 8
1-HR	1ST	93.20781	ug/m^3	RES_383	980187.32	3742438.94	19.85	0.00	19.85	1/28/2020, 8
1-HR	1ST	86.26172	ug/m^3	RES_384	980187.32	3742458.94	20.02	0.00	20.02	1/28/2020, 8
1-HR	1ST	80.44872	ug/m^3	RES_385	980187.32	3742478.94	20.17	0.00	20.17	1/28/2020, 8
1-HR	1ST	75.48125	ug/m^3	RES_386	980187.32	3742498.94	20.22	0.00	20.22	1/28/2020, 8
1-HR	1ST	71.15382	ug/m^3	RES_387	980187.32	3742518.94	20.22	0.00	20.22	1/28/2020, 8
1-HR	1ST	67.32075	ug/m^3	RES_388	980187.32	3742538.94	20.25	0.00	20.25	1/28/2020, 8
1-HR	1ST	63.89284	ug/m^3	RES_389	980187.32	3742558.94	20.29	0.00	20.29	1/28/2020, 8
1-HR	1ST	60.79673	ug/m^3	RES_390	980187.32	3742578.94	20.36	0.00	20.36	1/28/2020, 8
1-HR	1ST	57.98210	ug/m^3	RES_391	980187.32	3742598.94	20.44	0.00	20.44	1/28/2020, 8
1-HR	1ST	55.39132	ug/m^3	RES_392	980187.32	3742618.94	20.61	0.00	20.61	1/28/2020, 8
1-HR	1ST	52.98509	ug/m^3	RES_393	980187.32	3742638.94	20.86	0.00	20.86	1/28/2020, 8
1-HR	1ST	51.23945	ug/m^3	RES_394	980187.32	3742658.94	20.93	0.00	20.93	12/29/2023, 8
1-HR	1ST	49.79199	ug/m^3	RES_395	980187.32	3742678.94	20.90	0.00	20.90	12/29/2023, 8
1-HR	1ST	160.96138	ug/m^3	RES_396	980207.32	3742338.94	18.87	0.00	18.87	12/13/2023, 8
1-HR	1ST	134.92271	ug/m^3	RES_397	980207.32	3742358.94	19.03	0.00	19.03	1/28/2020, 8
1-HR	1ST	118.53267	ug/m^3	RES_398	980207.32	3742378.94	19.15	0.00	19.15	1/28/2020, 8
1-HR	1ST	106.46257	ug/m^3	RES_399	980207.32	3742398.94	19.30	0.00	19.30	1/28/2020, 8
1-HR	1ST	97.11041	ug/m^3	RES_400	980207.32	3742418.94	19.53	0.00	19.53	1/28/2020, 8
1-HR	1ST	89.55845	ug/m^3	RES_401	980207.32	3742438.94	19.78	0.00	19.78	1/28/2020, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	83.27366	ug/m^3	RES_402	980207.32	3742458.94	20.00	0.00	20.00	1/28/2020, 8
1-HR	1ST	77.92903	ug/m^3	RES_403	980207.32	3742478.94	20.08	0.00	20.08	1/28/2020, 8
1-HR	1ST	73.29039	ug/m^3	RES_404	980207.32	3742498.94	20.10	0.00	20.10	1/28/2020, 8
1-HR	1ST	69.20497	ug/m^3	RES_405	980207.32	3742518.94	20.08	0.00	20.08	1/28/2020, 8
1-HR	1ST	65.56601	ug/m^3	RES_406	980207.32	3742538.94	20.10	0.00	20.10	1/28/2020, 8
1-HR	1ST	62.28627	ug/m^3	RES_407	980207.32	3742558.94	20.20	0.00	20.20	1/28/2020, 8
1-HR	1ST	59.31045	ug/m^3	RES_408	980207.32	3742578.94	20.37	0.00	20.37	1/28/2020, 8
1-HR	1ST	56.58924	ug/m^3	RES_409	980207.32	3742598.94	20.58	0.00	20.58	1/28/2020, 8
1-HR	1ST	54.54552	ug/m^3	RES_410	980207.32	3742618.94	20.79	0.00	20.79	12/29/2023, 8
1-HR	1ST	52.85777	ug/m^3	RES_411	980207.32	3742638.94	20.97	0.00	20.97	12/29/2023, 8
1-HR	1ST	51.30697	ug/m^3	RES_412	980207.32	3742658.94	20.92	0.00	20.92	12/29/2023, 8
1-HR	1ST	49.84657	ug/m^3	RES_413	980207.32	3742678.94	20.88	0.00	20.88	12/29/2023, 8
1-HR	1ST	48.45653	ug/m^3	RES_414	980207.32	3742698.94	20.93	0.00	20.93	12/29/2023, 8
1-HR	1ST	143.13264	ug/m^3	RES_415	980227.32	3742338.94	18.91	0.00	18.91	1/28/2020, 8
1-HR	1ST	124.99772	ug/m^3	RES_416	980227.32	3742358.94	18.95	0.00	18.95	1/28/2020, 8
1-HR	1ST	111.67401	ug/m^3	RES_417	980227.32	3742378.94	19.13	0.00	19.13	1/28/2020, 8
1-HR	1ST	101.44519	ug/m^3	RES_418	980227.32	3742398.94	19.35	0.00	19.35	1/28/2020, 8
1-HR	1ST	93.24136	ug/m^3	RES_419	980227.32	3742418.94	19.53	0.00	19.53	1/28/2020, 8
1-HR	1ST	86.42300	ug/m^3	RES_420	980227.32	3742438.94	19.76	0.00	19.76	1/28/2020, 8
1-HR	1ST	80.62918	ug/m^3	RES_421	980227.32	3742458.94	19.98	0.00	19.98	1/28/2020, 8

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PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	75.64293	ug/m^3	RES_422	980227.32	3742478.94	19.98	0.00	19.98	1/28/2020, 8
1-HR	1ST	71.26661	ug/m^3	RES_423	980227.32	3742498.94	19.98	0.00	19.98	1/28/2020, 8
1-HR	1ST	67.38705	ug/m^3	RES_424	980227.32	3742518.94	19.97	0.00	19.97	1/28/2020, 8
1-HR	1ST	63.91921	ug/m^3	RES_425	980227.32	3742538.94	19.99	0.00	19.99	1/28/2020, 8
1-HR	1ST	60.78228	ug/m^3	RES_426	980227.32	3742558.94	20.12	0.00	20.12	1/28/2020, 8
1-HR	1ST	58.38778	ug/m^3	RES_427	980227.32	3742578.94	20.36	0.00	20.36	12/29/2023, 8
1-HR	1ST	56.40706	ug/m^3	RES_428	980227.32	3742598.94	20.66	0.00	20.66	12/29/2023, 8
1-HR	1ST	54.58081	ug/m^3	RES_429	980227.32	3742618.94	20.88	0.00	20.88	12/29/2023, 8
1-HR	1ST	52.89587	ug/m^3	RES_430	980227.32	3742638.94	20.96	0.00	20.96	12/29/2023, 8
1-HR	1ST	51.33299	ug/m^3	RES_431	980227.32	3742658.94	20.89	0.00	20.89	12/29/2023, 8
1-HR	1ST	49.84939	ug/m^3	RES_432	980227.32	3742678.94	20.88	0.00	20.88	12/29/2023, 8
1-HR	1ST	48.41813	ug/m^3	RES_433	980227.32	3742698.94	21.04	0.00	21.04	12/29/2023, 8
1-HR	1ST	47.05205	ug/m^3	RES_434	980227.32	3742718.94	21.12	0.00	21.12	12/29/2023, 8
1-HR	1ST	45.73013	ug/m^3	RES_435	980227.32	3742738.94	21.20	0.00	21.20	12/29/2023, 8
1-HR	1ST	152.70219	ug/m^3	RES_436	980247.32	3742318.94	18.81	0.00	18.81	1/28/2020, 8
1-HR	1ST	132.45546	ug/m^3	RES_437	980247.32	3742338.94	18.91	0.00	18.91	1/28/2020, 8
1-HR	1ST	117.67818	ug/m^3	RES_438	980247.32	3742358.94	19.02	0.00	19.02	1/28/2020, 8
1-HR	1ST	106.40635	ug/m^3	RES_439	980247.32	3742378.94	19.18	0.00	19.18	1/28/2020, 8
1-HR	1ST	97.41879	ug/m^3	RES_440	980247.32	3742398.94	19.35	0.00	19.35	1/28/2020, 8
1-HR	1ST	89.98683	ug/m^3	RES_441	980247.32	3742418.94	19.55	0.00	19.55	1/28/2020, 8

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Tustin District Office Project
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PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	83.68661	ug/m^3	RES_442	980247.32	3742438.94	19.78	0.00	19.78	1/28/2020, 8
1-HR	1ST	78.26242	ug/m^3	RES_443	980247.32	3742458.94	19.99	0.00	19.99	1/28/2020, 8
1-HR	1ST	73.55612	ug/m^3	RES_444	980247.32	3742478.94	19.99	0.00	19.99	1/28/2020, 8
1-HR	1ST	69.40898	ug/m^3	RES_445	980247.32	3742498.94	19.95	0.00	19.95	1/28/2020, 8
1-HR	1ST	65.72246	ug/m^3	RES_446	980247.32	3742518.94	19.89	0.00	19.89	1/28/2020, 8
1-HR	1ST	62.87147	ug/m^3	RES_447	980247.32	3742538.94	19.98	0.00	19.98	12/29/2023, 8
1-HR	1ST	60.55426	ug/m^3	RES_448	980247.32	3742558.94	20.15	0.00	20.15	12/29/2023, 8
1-HR	1ST	58.41258	ug/m^3	RES_449	980247.32	3742578.94	20.42	0.00	20.42	12/29/2023, 8
1-HR	1ST	56.43552	ug/m^3	RES_450	980247.32	3742598.94	20.65	0.00	20.65	12/29/2023, 8
1-HR	1ST	54.61152	ug/m^3	RES_451	980247.32	3742618.94	20.79	0.00	20.79	12/29/2023, 8
1-HR	1ST	52.91837	ug/m^3	RES_452	980247.32	3742638.94	20.82	0.00	20.82	12/29/2023, 8
1-HR	1ST	51.32193	ug/m^3	RES_453	980247.32	3742658.94	20.84	0.00	20.84	12/29/2023, 8
1-HR	1ST	49.79804	ug/m^3	RES_454	980247.32	3742678.94	20.90	0.00	20.90	12/29/2023, 8
1-HR	1ST	48.32482	ug/m^3	RES_455	980247.32	3742698.94	21.03	0.00	21.03	12/29/2023, 8
1-HR	1ST	46.92836	ug/m^3	RES_456	980247.32	3742718.94	21.14	0.00	21.14	1/18/2021, 8
1-HR	1ST	45.81245	ug/m^3	RES_457	980247.32	3742738.94	21.26	0.00	21.26	1/18/2021, 8
1-HR	1ST	45.06307	ug/m^3	RES_458	980247.32	3742758.94	21.37	0.00	21.37	1/18/2021, 8
1-HR	1ST	163.01162	ug/m^3	RES_459	980267.32	3742298.94	18.83	0.00	18.83	12/13/2023, 8
1-HR	1ST	141.30568	ug/m^3	RES_460	980267.32	3742318.94	18.86	0.00	18.86	1/28/2020, 8
1-HR	1ST	124.77852	ug/m^3	RES_461	980267.32	3742338.94	18.88	0.00	18.88	1/28/2020, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	112.22200	ug/m^3	RES_462	980267.32	3742358.94	19.08	0.00	19.08	1/28/2020, 8
1-HR	1ST	102.27312	ug/m^3	RES_463	980267.32	3742378.94	19.23	0.00	19.23	1/28/2020, 8
1-HR	1ST	94.10697	ug/m^3	RES_464	980267.32	3742398.94	19.36	0.00	19.36	1/28/2020, 8
1-HR	1ST	87.21326	ug/m^3	RES_465	980267.32	3742418.94	19.54	0.00	19.54	1/28/2020, 8
1-HR	1ST	81.30037	ug/m^3	RES_466	980267.32	3742438.94	19.74	0.00	19.74	1/28/2020, 8
1-HR	1ST	76.17278	ug/m^3	RES_467	980267.32	3742458.94	19.93	0.00	19.93	1/28/2020, 8
1-HR	1ST	71.70584	ug/m^3	RES_468	980267.32	3742478.94	19.93	0.00	19.93	1/28/2020, 8
1-HR	1ST	68.17116	ug/m^3	RES_469	980267.32	3742498.94	19.92	0.00	19.92	12/29/2023, 8
1-HR	1ST	65.42277	ug/m^3	RES_470	980267.32	3742518.94	19.90	0.00	19.90	12/29/2023, 8
1-HR	1ST	62.97921	ug/m^3	RES_471	980267.32	3742538.94	20.00	0.00	20.00	1/18/2021, 8
1-HR	1ST	60.78850	ug/m^3	RES_472	980267.32	3742558.94	20.16	0.00	20.16	1/18/2021, 8
1-HR	1ST	58.77988	ug/m^3	RES_473	980267.32	3742578.94	20.41	0.00	20.41	1/18/2021, 8
1-HR	1ST	56.95248	ug/m^3	RES_474	980267.32	3742598.94	20.50	0.00	20.50	1/18/2021, 8
1-HR	1ST	55.26918	ug/m^3	RES_475	980267.32	3742618.94	20.55	0.00	20.55	1/18/2021, 8
1-HR	1ST	53.70908	ug/m^3	RES_476	980267.32	3742638.94	20.57	0.00	20.57	1/18/2021, 8
1-HR	1ST	52.24649	ug/m^3	RES_477	980267.32	3742658.94	20.74	0.00	20.74	1/18/2021, 8
1-HR	1ST	50.87678	ug/m^3	RES_478	980267.32	3742678.94	20.91	0.00	20.91	1/18/2021, 8
1-HR	1ST	49.59886	ug/m^3	RES_479	980267.32	3742698.94	20.90	0.00	20.90	1/18/2021, 8
1-HR	1ST	48.37916	ug/m^3	RES_480	980267.32	3742718.94	21.07	0.00	21.07	1/18/2021, 8
1-HR	1ST	47.35077	ug/m^3	RES_481	980267.32	3742738.94	21.30	0.00	21.30	1/18/2021, 8

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	46.93000	ug/m^3	RES_482	980267.32	3742758.94	21.49	0.00	21.49	1/18/2021, 8
1-HR	1ST	45.87406	ug/m^3	RES_483	980267.32	3742778.94	21.48	0.00	21.48	1/18/2021, 8
1-HR	1ST	178.30410	ug/m^3	RES_484	980287.32	3742278.94	18.85	0.00	18.85	12/13/2023, 8
1-HR	1ST	152.06208	ug/m^3	RES_485	980287.32	3742298.94	18.91	0.00	18.91	1/28/2020, 8
1-HR	1ST	133.37073	ug/m^3	RES_486	980287.32	3742318.94	18.89	0.00	18.89	1/28/2020, 8
1-HR	1ST	119.26054	ug/m^3	RES_487	980287.32	3742338.94	18.90	0.00	18.90	1/28/2020, 8
1-HR	1ST	108.10344	ug/m^3	RES_488	980287.32	3742358.94	19.08	0.00	19.08	1/28/2020, 8
1-HR	1ST	98.99028	ug/m^3	RES_489	980287.32	3742378.94	19.24	0.00	19.24	1/28/2020, 8
1-HR	1ST	91.36221	ug/m^3	RES_490	980287.32	3742398.94	19.39	0.00	19.39	1/28/2020, 8
1-HR	1ST	84.86214	ug/m^3	RES_491	980287.32	3742418.94	19.53	0.00	19.53	1/28/2020, 8
1-HR	1ST	80.19476	ug/m^3	RES_492	980287.32	3742438.94	19.66	0.00	19.66	1/18/2021, 8
1-HR	1ST	76.38029	ug/m^3	RES_493	980287.32	3742458.94	19.80	0.00	19.80	1/18/2021, 8
1-HR	1ST	73.02545	ug/m^3	RES_494	980287.32	3742478.94	19.82	0.00	19.82	1/18/2021, 8
1-HR	1ST	70.03461	ug/m^3	RES_495	980287.32	3742498.94	19.86	0.00	19.86	1/18/2021, 8
1-HR	1ST	67.34247	ug/m^3	RES_496	980287.32	3742518.94	19.93	0.00	19.93	1/18/2021, 8
1-HR	1ST	64.89924	ug/m^3	RES_497	980287.32	3742538.94	20.05	0.00	20.05	1/18/2021, 8
1-HR	1ST	62.67706	ug/m^3	RES_498	980287.32	3742558.94	20.20	0.00	20.20	1/18/2021, 8
1-HR	1ST	60.64204	ug/m^3	RES_499	980287.32	3742578.94	20.37	0.00	20.37	1/18/2021, 8
1-HR	1ST	58.78556	ug/m^3	RES_500	980287.32	3742598.94	20.34	0.00	20.34	1/18/2021, 8
1-HR	1ST	57.06904	ug/m^3	RES_501	980287.32	3742618.94	20.31	0.00	20.31	1/18/2021, 8

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	55.45744	ug/m^3	RES_502	980287.32	3742638.94	20.49	0.00	20.49	1/18/2021, 8
1-HR	1ST	53.94789	ug/m^3	RES_503	980287.32	3742658.94	20.68	0.00	20.68	1/18/2021, 8
1-HR	1ST	52.52889	ug/m^3	RES_504	980287.32	3742678.94	20.85	0.00	20.85	1/18/2021, 8
1-HR	1ST	51.19160	ug/m^3	RES_505	980287.32	3742698.94	20.92	0.00	20.92	1/18/2021, 8
1-HR	1ST	49.91623	ug/m^3	RES_506	980287.32	3742718.94	21.01	0.00	21.01	1/18/2021, 8
1-HR	1ST	48.69663	ug/m^3	RES_507	980287.32	3742738.94	21.11	0.00	21.11	1/18/2021, 8
1-HR	1ST	47.68104	ug/m^3	RES_508	980287.32	3742758.94	21.29	0.00	21.29	1/18/2021, 8
1-HR	1ST	46.40297	ug/m^3	RES_509	980287.32	3742778.94	21.26	0.00	21.26	1/18/2021, 8
1-HR	1ST	165.63410	ug/m^3	RES_510	980307.32	3742278.94	18.95	0.00	18.95	1/28/2020, 8
1-HR	1ST	144.16344	ug/m^3	RES_511	980307.32	3742298.94	19.01	0.00	19.01	1/28/2020, 8
1-HR	1ST	127.96307	ug/m^3	RES_512	980307.32	3742318.94	19.09	0.00	19.09	1/28/2020, 8
1-HR	1ST	115.26956	ug/m^3	RES_513	980307.32	3742338.94	19.19	0.00	19.19	1/28/2020, 8
1-HR	1ST	105.48514	ug/m^3	RES_514	980307.32	3742358.94	19.13	0.00	19.13	1/18/2021, 8
1-HR	1ST	98.43286	ug/m^3	RES_515	980307.32	3742378.94	19.22	0.00	19.22	1/18/2021, 8
1-HR	1ST	92.45620	ug/m^3	RES_516	980307.32	3742398.94	19.42	0.00	19.42	1/18/2021, 8
1-HR	1ST	87.34269	ug/m^3	RES_517	980307.32	3742418.94	19.52	0.00	19.52	1/18/2021, 8
1-HR	1ST	82.89922	ug/m^3	RES_518	980307.32	3742438.94	19.60	0.00	19.60	1/18/2021, 8
1-HR	1ST	79.00785	ug/m^3	RES_519	980307.32	3742458.94	19.64	0.00	19.64	1/18/2021, 8
1-HR	1ST	75.55912	ug/m^3	RES_520	980307.32	3742478.94	19.69	0.00	19.69	1/18/2021, 8
1-HR	1ST	72.47242	ug/m^3	RES_521	980307.32	3742498.94	19.79	0.00	19.79	1/18/2021, 8

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PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	69.68776	ug/m^3	RES_522	980307.32	3742518.94	19.96	0.00	19.96	1/18/2021, 8
1-HR	1ST	67.17094	ug/m^3	RES_523	980307.32	3742538.94	20.12	0.00	20.12	1/18/2021, 8
1-HR	1ST	64.88025	ug/m^3	RES_524	980307.32	3742558.94	20.24	0.00	20.24	1/18/2021, 8
1-HR	1ST	62.78811	ug/m^3	RES_525	980307.32	3742578.94	20.31	0.00	20.31	1/18/2021, 8
1-HR	1ST	60.87051	ug/m^3	RES_526	980307.32	3742598.94	20.25	0.00	20.25	1/18/2021, 8
1-HR	1ST	59.08623	ug/m^3	RES_527	980307.32	3742618.94	20.24	0.00	20.24	1/18/2021, 8
1-HR	1ST	57.40014	ug/m^3	RES_528	980307.32	3742638.94	20.49	0.00	20.49	1/18/2021, 8
1-HR	1ST	55.81597	ug/m^3	RES_529	980307.32	3742658.94	20.66	0.00	20.66	1/18/2021, 8
1-HR	1ST	54.31756	ug/m^3	RES_530	980307.32	3742678.94	20.78	0.00	20.78	1/18/2021, 8
1-HR	1ST	52.88589	ug/m^3	RES_531	980307.32	3742698.94	20.92	0.00	20.92	1/18/2021, 8
1-HR	1ST	51.51651	ug/m^3	RES_532	980307.32	3742718.94	21.01	0.00	21.01	1/18/2021, 8
1-HR	1ST	50.20488	ug/m^3	RES_533	980307.32	3742738.94	21.04	0.00	21.04	1/18/2021, 8
1-HR	1ST	48.94438	ug/m^3	RES_534	980307.32	3742758.94	21.02	0.00	21.02	1/18/2021, 8
1-HR	1ST	47.73032	ug/m^3	RES_535	980307.32	3742778.94	20.96	0.00	20.96	1/18/2021, 8
1-HR	1ST	200.13814	ug/m^3	RES_536	980327.32	3742258.94	18.84	0.00	18.84	2/5/2021, 8
1-HR	1ST	168.08008	ug/m^3	RES_537	980327.32	3742278.94	19.00	0.00	19.00	2/5/2021, 8
1-HR	1ST	144.41724	ug/m^3	RES_538	980327.32	3742298.94	19.09	0.00	19.09	2/5/2021, 8
1-HR	1ST	129.72432	ug/m^3	RES_539	980327.32	3742318.94	19.20	0.00	19.20	1/18/2021, 8
1-HR	1ST	118.89226	ug/m^3	RES_540	980327.32	3742338.94	19.30	0.00	19.30	1/18/2021, 8
1-HR	1ST	110.05039	ug/m^3	RES_541	980327.32	3742358.94	19.30	0.00	19.30	1/18/2021, 8

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PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	102.66412	ug/m^3	RES_542	980327.32	3742378.94	19.33	0.00	19.33	1/18/2021, 8
1-HR	1ST	96.40082	ug/m^3	RES_543	980327.32	3742398.94	19.36	0.00	19.36	1/18/2021, 8
1-HR	1ST	91.02191	ug/m^3	RES_544	980327.32	3742418.94	19.43	0.00	19.43	1/18/2021, 8
1-HR	1ST	86.34906	ug/m^3	RES_545	980327.32	3742438.94	19.51	0.00	19.51	1/18/2021, 8
1-HR	1ST	82.25066	ug/m^3	RES_546	980327.32	3742458.94	19.60	0.00	19.60	1/18/2021, 8
1-HR	1ST	78.63049	ug/m^3	RES_547	980327.32	3742478.94	19.68	0.00	19.68	1/18/2021, 8
1-HR	1ST	75.39302	ug/m^3	RES_548	980327.32	3742498.94	19.81	0.00	19.81	1/18/2021, 8
1-HR	1ST	72.47322	ug/m^3	RES_549	980327.32	3742518.94	20.06	0.00	20.06	1/18/2021, 8
1-HR	1ST	69.84189	ug/m^3	RES_550	980327.32	3742538.94	20.20	0.00	20.20	1/18/2021, 8
1-HR	1ST	67.45066	ug/m^3	RES_551	980327.32	3742558.94	20.27	0.00	20.27	1/18/2021, 8
1-HR	1ST	65.27083	ug/m^3	RES_552	980327.32	3742578.94	20.22	0.00	20.22	1/18/2021, 8
1-HR	1ST	63.24766	ug/m^3	RES_553	980327.32	3742598.94	20.24	0.00	20.24	1/18/2021, 8
1-HR	1ST	61.35119	ug/m^3	RES_554	980327.32	3742618.94	20.32	0.00	20.32	1/18/2021, 8
1-HR	1ST	59.55450	ug/m^3	RES_555	980327.32	3742638.94	20.50	0.00	20.50	1/18/2021, 8
1-HR	1ST	57.84738	ug/m^3	RES_556	980327.32	3742658.94	20.64	0.00	20.64	1/18/2021, 8
1-HR	1ST	56.21473	ug/m^3	RES_557	980327.32	3742678.94	20.75	0.00	20.75	1/18/2021, 8
1-HR	1ST	54.64565	ug/m^3	RES_558	980327.32	3742698.94	20.88	0.00	20.88	1/18/2021, 8
1-HR	1ST	53.13973	ug/m^3	RES_559	980327.32	3742718.94	20.94	0.00	20.94	1/18/2021, 8
1-HR	1ST	51.69543	ug/m^3	RES_560	980327.32	3742738.94	20.92	0.00	20.92	1/18/2021, 8
1-HR	1ST	50.30839	ug/m^3	RES_561	980327.32	3742758.94	20.82	0.00	20.82	1/18/2021, 8

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	212.91322	ug/m^3	RES_562	980347.32	3742258.94	18.77	0.00	18.77	2/5/2021, 8
1-HR	1ST	186.09964	ug/m^3	RES_563	980347.32	3742278.94	19.00	0.00	19.00	2/5/2021, 8
1-HR	1ST	159.05824	ug/m^3	RES_564	980347.32	3742298.94	19.17	0.00	19.17	2/5/2021, 8
1-HR	1ST	138.43532	ug/m^3	RES_565	980347.32	3742318.94	19.29	0.00	19.29	1/18/2021, 8
1-HR	1ST	126.35345	ug/m^3	RES_566	980347.32	3742338.94	19.35	0.00	19.35	1/18/2021, 8
1-HR	1ST	116.50835	ug/m^3	RES_567	980347.32	3742358.94	19.42	0.00	19.42	1/18/2021, 8
1-HR	1ST	108.35257	ug/m^3	RES_568	980347.32	3742378.94	19.44	0.00	19.44	1/18/2021, 8
1-HR	1ST	101.50397	ug/m^3	RES_569	980347.32	3742398.94	19.40	0.00	19.40	1/18/2021, 8
1-HR	1ST	95.67603	ug/m^3	RES_570	980347.32	3742418.94	19.35	0.00	19.35	1/18/2021, 8
1-HR	1ST	90.64912	ug/m^3	RES_571	980347.32	3742438.94	19.35	0.00	19.35	1/18/2021, 8
1-HR	1ST	86.25564	ug/m^3	RES_572	980347.32	3742458.94	19.47	0.00	19.47	1/18/2021, 8
1-HR	1ST	82.38409	ug/m^3	RES_573	980347.32	3742478.94	19.60	0.00	19.60	1/18/2021, 8
1-HR	1ST	78.93728	ug/m^3	RES_574	980347.32	3742498.94	19.77	0.00	19.77	1/18/2021, 8
1-HR	1ST	75.83287	ug/m^3	RES_575	980347.32	3742518.94	19.99	0.00	19.99	1/18/2021, 8
1-HR	1ST	73.03765	ug/m^3	RES_576	980347.32	3742538.94	20.11	0.00	20.11	1/18/2021, 8
1-HR	1ST	70.49747	ug/m^3	RES_577	980347.32	3742558.94	20.16	0.00	20.16	1/18/2021, 8
1-HR	1ST	68.16645	ug/m^3	RES_578	980347.32	3742578.94	20.10	0.00	20.10	1/18/2021, 8
1-HR	1ST	65.97565	ug/m^3	RES_579	980347.32	3742598.94	20.18	0.00	20.18	1/18/2021, 8
1-HR	1ST	63.89376	ug/m^3	RES_580	980347.32	3742618.94	20.33	0.00	20.33	1/18/2021, 8
1-HR	1ST	61.90474	ug/m^3	RES_581	980347.32	3742638.94	20.45	0.00	20.45	1/18/2021, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	59.99193	ug/m^3	RES_582	980347.32	3742658.94	20.60	0.00	20.60	1/18/2021, 8
1-HR	1ST	58.14784	ug/m^3	RES_583	980347.32	3742678.94	20.78	0.00	20.78	1/18/2021, 8
1-HR	1ST	56.38713	ug/m^3	RES_584	980347.32	3742698.94	20.80	0.00	20.80	1/18/2021, 8
1-HR	1ST	54.69724	ug/m^3	RES_585	980347.32	3742718.94	20.78	0.00	20.78	1/18/2021, 8
1-HR	1ST	53.07737	ug/m^3	RES_586	980347.32	3742738.94	20.71	0.00	20.71	1/18/2021, 8
1-HR	1ST	186.02823	ug/m^3	RES_587	980367.32	3742298.94	19.21	0.00	19.21	2/5/2021, 8
1-HR	1ST	156.62103	ug/m^3	RES_588	980367.32	3742318.94	19.35	0.00	19.35	2/5/2021, 8
1-HR	1ST	136.82958	ug/m^3	RES_589	980367.32	3742338.94	19.38	0.00	19.38	1/18/2021, 8
1-HR	1ST	125.25735	ug/m^3	RES_590	980367.32	3742358.94	19.47	0.00	19.47	1/18/2021, 8
1-HR	1ST	115.84869	ug/m^3	RES_591	980367.32	3742378.94	19.49	0.00	19.49	1/18/2021, 8
1-HR	1ST	108.11498	ug/m^3	RES_592	980367.32	3742398.94	19.44	0.00	19.44	1/18/2021, 8
1-HR	1ST	101.64376	ug/m^3	RES_593	980367.32	3742418.94	19.35	0.00	19.35	1/18/2021, 8
1-HR	1ST	96.12020	ug/m^3	RES_594	980367.32	3742438.94	19.30	0.00	19.30	1/18/2021, 8
1-HR	1ST	91.33066	ug/m^3	RES_595	980367.32	3742458.94	19.31	0.00	19.31	1/18/2021, 8
1-HR	1ST	87.10516	ug/m^3	RES_596	980367.32	3742478.94	19.45	0.00	19.45	1/18/2021, 8
1-HR	1ST	83.34415	ug/m^3	RES_597	980367.32	3742498.94	19.63	0.00	19.63	1/18/2021, 8
1-HR	1ST	79.96852	ug/m^3	RES_598	980367.32	3742518.94	19.84	0.00	19.84	1/18/2021, 8
1-HR	1ST	76.93230	ug/m^3	RES_599	980367.32	3742538.94	19.92	0.00	19.92	1/18/2021, 8
1-HR	1ST	74.15486	ug/m^3	RES_600	980367.32	3742558.94	19.96	0.00	19.96	1/18/2021, 8
1-HR	1ST	71.54638	ug/m^3	RES_601	980367.32	3742578.94	20.06	0.00	20.06	1/18/2021, 8

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PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	69.05681	ug/m^3	RES_602	980367.32	3742598.94	20.16	0.00	20.16	1/18/2021, 8
1-HR	1ST	66.66095	ug/m^3	RES_603	980367.32	3742618.94	20.26	0.00	20.26	1/18/2021, 8
1-HR	1ST	64.34488	ug/m^3	RES_604	980367.32	3742638.94	20.42	0.00	20.42	1/18/2021, 8
1-HR	1ST	62.11939	ug/m^3	RES_605	980367.32	3742658.94	20.57	0.00	20.57	1/18/2021, 8
1-HR	1ST	59.98824	ug/m^3	RES_606	980367.32	3742678.94	20.70	0.00	20.70	1/18/2021, 8
1-HR	1ST	57.96538	ug/m^3	RES_607	980367.32	3742698.94	20.66	0.00	20.66	1/18/2021, 8
1-HR	1ST	56.03901	ug/m^3	RES_608	980367.32	3742718.94	20.61	0.00	20.61	1/18/2021, 8
1-HR	1ST	189.99973	ug/m^3	RES_609	980387.32	3742318.94	19.26	0.00	19.26	2/5/2021, 8
1-HR	1ST	161.52771	ug/m^3	RES_610	980387.32	3742338.94	19.45	0.00	19.45	2/5/2021, 8
1-HR	1ST	138.90275	ug/m^3	RES_611	980387.32	3742358.94	19.49	0.00	19.49	2/5/2021, 8
1-HR	1ST	126.30682	ug/m^3	RES_612	980387.32	3742378.94	19.47	0.00	19.47	1/18/2021, 8
1-HR	1ST	117.34251	ug/m^3	RES_613	980387.32	3742398.94	19.40	0.00	19.40	1/18/2021, 8
1-HR	1ST	109.90046	ug/m^3	RES_614	980387.32	3742418.94	19.39	0.00	19.39	1/18/2021, 8
1-HR	1ST	103.58080	ug/m^3	RES_615	980387.32	3742438.94	19.32	0.00	19.32	1/18/2021, 8
1-HR	1ST	98.11892	ug/m^3	RES_616	980387.32	3742458.94	19.17	0.00	19.17	1/18/2021, 8
1-HR	1ST	93.30423	ug/m^3	RES_617	980387.32	3742478.94	19.25	0.00	19.25	1/18/2021, 8
1-HR	1ST	89.03304	ug/m^3	RES_618	980387.32	3742498.94	19.41	0.00	19.41	1/18/2021, 8
1-HR	1ST	85.23654	ug/m^3	RES_619	980387.32	3742518.94	19.62	0.00	19.62	1/18/2021, 8
1-HR	1ST	81.78998	ug/m^3	RES_620	980387.32	3742538.94	19.73	0.00	19.73	1/18/2021, 8
1-HR	1ST	78.54853	ug/m^3	RES_621	980387.32	3742558.94	19.81	0.00	19.81	1/18/2021, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	75.40729	ug/m^3	RES_622	980387.32	3742578.94	19.99	0.00	19.99	1/18/2021, 8
1-HR	1ST	72.36560	ug/m^3	RES_623	980387.32	3742598.94	20.12	0.00	20.12	1/18/2021, 8
1-HR	1ST	69.44147	ug/m^3	RES_624	980387.32	3742618.94	20.20	0.00	20.20	1/18/2021, 8
1-HR	1ST	66.64038	ug/m^3	RES_625	980387.32	3742638.94	20.37	0.00	20.37	1/18/2021, 8
1-HR	1ST	63.98961	ug/m^3	RES_626	980387.32	3742658.94	20.49	0.00	20.49	1/18/2021, 8
1-HR	1ST	61.49721	ug/m^3	RES_627	980387.32	3742678.94	20.54	0.00	20.54	1/18/2021, 8
1-HR	1ST	59.16026	ug/m^3	RES_628	980387.32	3742698.94	20.51	0.00	20.51	1/18/2021, 8
1-HR	1ST	166.91232	ug/m^3	RES_629	980407.32	3742358.94	19.32	0.00	19.32	2/5/2021, 8
1-HR	1ST	147.63246	ug/m^3	RES_630	980407.32	3742378.94	19.39	0.00	19.39	2/5/2021, 8
1-HR	1ST	131.93285	ug/m^3	RES_631	980407.32	3742398.94	19.39	0.00	19.39	1/18/2021, 8
1-HR	1ST	122.58521	ug/m^3	RES_632	980407.32	3742418.94	19.20	0.00	19.20	1/18/2021, 8
1-HR	1ST	114.62738	ug/m^3	RES_633	980407.32	3742438.94	19.00	0.00	19.00	1/18/2021, 8
1-HR	1ST	107.77459	ug/m^3	RES_634	980407.32	3742458.94	19.04	0.00	19.04	1/18/2021, 8
1-HR	1ST	101.87577	ug/m^3	RES_635	980407.32	3742478.94	19.09	0.00	19.09	1/18/2021, 8
1-HR	1ST	96.76808	ug/m^3	RES_636	980407.32	3742498.94	19.17	0.00	19.17	1/18/2021, 8
1-HR	1ST	92.19695	ug/m^3	RES_637	980407.32	3742518.94	19.39	0.00	19.39	1/18/2021, 8
1-HR	1ST	87.84331	ug/m^3	RES_638	980407.32	3742538.94	19.59	0.00	19.59	1/18/2021, 8
1-HR	1ST	83.56203	ug/m^3	RES_639	980407.32	3742558.94	19.78	0.00	19.78	1/18/2021, 8
1-HR	1ST	79.41130	ug/m^3	RES_640	980407.32	3742578.94	19.92	0.00	19.92	1/18/2021, 8
1-HR	1ST	75.46694	ug/m^3	RES_641	980407.32	3742598.94	20.05	0.00	20.05	1/18/2021, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	71.77865	ug/m^3	RES_642	980407.32	3742618.94	20.18	0.00	20.18	1/18/2021, 8
1-HR	1ST	68.36546	ug/m^3	RES_643	980407.32	3742638.94	20.31	0.00	20.31	1/18/2021, 8
1-HR	1ST	65.22677	ug/m^3	RES_644	980407.32	3742658.94	20.38	0.00	20.38	1/18/2021, 8
1-HR	1ST	62.34604	ug/m^3	RES_645	980407.32	3742678.94	20.40	0.00	20.40	1/18/2021, 8
1-HR	1ST	59.69795	ug/m^3	RES_646	980407.32	3742698.94	20.39	0.00	20.39	1/18/2021, 8
1-HR	1ST	168.35286	ug/m^3	RES_647	980427.32	3742378.94	19.03	0.00	19.03	2/5/2021, 8
1-HR	1ST	164.78134	ug/m^3	RES_648	980427.32	3742398.94	19.02	0.00	19.02	2/5/2021, 8
1-HR	1ST	143.33586	ug/m^3	RES_649	980427.32	3742418.94	18.85	0.00	18.85	1/18/2021, 8
1-HR	1ST	131.71694	ug/m^3	RES_650	980427.32	3742438.94	18.71	0.00	18.71	1/18/2021, 8
1-HR	1ST	122.35888	ug/m^3	RES_651	980427.32	3742458.94	18.94	0.00	18.94	1/18/2021, 8
1-HR	1ST	114.54480	ug/m^3	RES_652	980427.32	3742478.94	19.10	0.00	19.10	1/18/2021, 8
1-HR	1ST	107.79387	ug/m^3	RES_653	980427.32	3742498.94	19.22	0.00	19.22	1/18/2021, 8
1-HR	1ST	101.19692	ug/m^3	RES_654	980427.32	3742518.94	19.44	0.00	19.44	1/18/2021, 8
1-HR	1ST	94.57405	ug/m^3	RES_655	980427.32	3742538.94	19.64	0.00	19.64	1/18/2021, 8
1-HR	1ST	88.28887	ug/m^3	RES_656	980427.32	3742558.94	19.82	0.00	19.82	1/18/2021, 8
1-HR	1ST	82.58571	ug/m^3	RES_657	980427.32	3742578.94	19.86	0.00	19.86	1/18/2021, 8
1-HR	1ST	77.48450	ug/m^3	RES_658	980427.32	3742598.94	19.98	0.00	19.98	1/18/2021, 8
1-HR	1ST	72.94900	ug/m^3	RES_659	980427.32	3742618.94	20.19	0.00	20.19	1/18/2021, 8
1-HR	1ST	68.94220	ug/m^3	RES_660	980427.32	3742638.94	20.23	0.00	20.23	1/18/2021, 8
1-HR	1ST	65.37310	ug/m^3	RES_661	980427.32	3742658.94	20.26	0.00	20.26	1/18/2021, 8

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Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	62.17729	ug/m^3	RES_662	980427.32	3742678.94	20.28	0.00	20.28	1/18/2021, 8
1-HR	1ST	171.61400	ug/m^3	RES_663	980447.32	3742438.94	18.48	0.00	18.48	2/5/2021, 8
1-HR	1ST	148.11921	ug/m^3	RES_664	980447.32	3742458.94	18.79	0.00	18.79	2/5/2021, 8
1-HR	1ST	134.78863	ug/m^3	RES_665	980447.32	3742478.94	19.05	0.00	19.05	1/18/2021, 8
1-HR	1ST	122.51351	ug/m^3	RES_666	980447.32	3742498.94	19.26	0.00	19.26	1/18/2021, 8
1-HR	1ST	110.13112	ug/m^3	RES_667	980447.32	3742518.94	19.45	0.00	19.45	1/18/2021, 8
1-HR	1ST	99.40876	ug/m^3	RES_668	980447.32	3742538.94	19.55	0.00	19.55	1/18/2021, 8
1-HR	1ST	90.57205	ug/m^3	RES_669	980447.32	3742558.94	19.57	0.00	19.57	1/18/2021, 8
1-HR	1ST	83.29031	ug/m^3	RES_670	980447.32	3742578.94	19.72	0.00	19.72	1/18/2021, 8
1-HR	1ST	77.23841	ug/m^3	RES_671	980447.32	3742598.94	19.90	0.00	19.90	1/18/2021, 8
1-HR	1ST	72.13790	ug/m^3	RES_672	980447.32	3742618.94	20.06	0.00	20.06	1/18/2021, 8
1-HR	1ST	67.78307	ug/m^3	RES_673	980447.32	3742638.94	20.11	0.00	20.11	1/18/2021, 8
1-HR	1ST	64.00690	ug/m^3	RES_674	980447.32	3742658.94	20.15	0.00	20.15	1/18/2021, 8
1-HR	1ST	178.22776	ug/m^3	RES_675	980467.32	3742478.94	18.84	0.00	18.84	2/5/2021, 8
1-HR	1ST	140.61196	ug/m^3	RES_676	980467.32	3742498.94	19.14	0.00	19.14	2/5/2021, 8
1-HR	1ST	117.40327	ug/m^3	RES_677	980467.32	3742518.94	19.33	0.00	19.33	2/5/2021, 8
1-HR	1ST	101.96242	ug/m^3	RES_678	980467.32	3742538.94	19.38	0.00	19.38	2/5/2021, 8
1-HR	1ST	90.98805	ug/m^3	RES_679	980467.32	3742558.94	19.26	0.00	19.26	12/27/2023, 8
1-HR	1ST	71.86068	ug/m^3	RES_680	980467.32	3742618.94	19.89	0.00	19.89	12/27/2023, 8
1-HR	1ST	67.44142	ug/m^3	RES_681	980467.32	3742638.94	20.00	0.00	20.00	12/27/2023, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	122.61644	ug/m^3	RES_682	980487.32	3742518.94	19.06	0.00	19.06	2/5/2021, 8
1-HR	1ST	106.38484	ug/m^3	RES_683	980487.32	3742538.94	19.14	0.00	19.14	2/5/2021, 8
1-HR	1ST	63.03257	ug/m^3	P_001	980077.18	3742616.83	20.05	0.00	20.05	1/28/2020, 8
1-HR	1ST	60.16818	ug/m^3	P_002	980077.18	3742636.83	20.26	0.00	20.26	1/28/2020, 8
1-HR	1ST	57.55972	ug/m^3	P_003	980077.18	3742656.83	20.55	0.00	20.55	1/28/2020, 8
1-HR	1ST	55.17843	ug/m^3	P_004	980077.18	3742676.83	20.68	0.00	20.68	1/28/2020, 8
1-HR	1ST	52.98697	ug/m^3	P_005	980077.18	3742696.83	20.68	0.00	20.68	1/28/2020, 8
1-HR	1ST	50.95419	ug/m^3	P_006	980077.18	3742716.83	20.55	0.00	20.55	1/28/2020, 8
1-HR	1ST	49.04512	ug/m^3	P_007	980077.18	3742736.83	20.45	0.00	20.45	1/28/2020, 8
1-HR	1ST	61.83483	ug/m^3	P_008	980097.18	3742616.83	20.12	0.00	20.12	1/28/2020, 8
1-HR	1ST	59.03449	ug/m^3	P_009	980097.18	3742636.83	20.39	0.00	20.39	1/28/2020, 8
1-HR	1ST	56.47073	ug/m^3	P_010	980097.18	3742656.83	20.78	0.00	20.78	1/28/2020, 8
1-HR	1ST	54.12745	ug/m^3	P_011	980097.18	3742676.83	20.96	0.00	20.96	1/28/2020, 8
1-HR	1ST	51.96915	ug/m^3	P_012	980097.18	3742696.83	20.96	0.00	20.96	1/28/2020, 8
1-HR	1ST	49.97002	ug/m^3	P_013	980097.18	3742716.83	20.69	0.00	20.69	1/28/2020, 8
1-HR	1ST	48.07757	ug/m^3	P_014	980097.18	3742736.83	20.55	0.00	20.55	1/28/2020, 8
1-HR	1ST	57.79407	ug/m^3	P_015	980117.18	3742636.83	20.48	0.00	20.48	1/28/2020, 8
1-HR	1ST	55.29968	ug/m^3	P_016	980117.18	3742656.83	20.83	0.00	20.83	1/28/2020, 8
1-HR	1ST	53.00843	ug/m^3	P_017	980117.18	3742676.83	21.00	0.00	21.00	1/28/2020, 8
1-HR	1ST	50.89056	ug/m^3	P_018	980117.18	3742696.83	20.97	0.00	20.97	1/28/2020, 8

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PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	48.91719	ug/m^3	P_019	980117.18	3742716.83	20.70	0.00	20.70	1/28/2020, 8
1-HR	1ST	47.03811	ug/m^3	P_020	980117.18	3742736.83	20.59	0.00	20.59	1/28/2020, 8
1-HR	1ST	54.08206	ug/m^3	P_021	980137.18	3742656.83	20.81	0.00	20.81	1/28/2020, 8
1-HR	1ST	51.84701	ug/m^3	P_022	980137.18	3742676.83	20.94	0.00	20.94	1/28/2020, 8
1-HR	1ST	49.76986	ug/m^3	P_023	980137.18	3742696.83	20.86	0.00	20.86	1/28/2020, 8
1-HR	1ST	47.81649	ug/m^3	P_024	980137.18	3742716.83	20.62	0.00	20.62	1/28/2020, 8
1-HR	1ST	45.94351	ug/m^3	P_025	980137.18	3742736.83	20.58	0.00	20.58	1/28/2020, 8
1-HR	1ST	48.61931	ug/m^3	P_026	980157.18	3742696.83	20.73	0.00	20.73	1/28/2020, 8
1-HR	1ST	47.14935	ug/m^3	P_027	980157.18	3742716.83	20.61	0.00	20.61	12/29/2023, 8
1-HR	1ST	47.24625	ug/m^3	P_028	980177.18	3742716.83	20.77	0.00	20.77	12/29/2023, 8
1-HR	1ST	34.03420	ug/m^3	S_001	980089.92	3741804.77	17.51	0.00	17.51	1/4/2022, 8
1-HR	1ST	35.58682	ug/m^3	S_002	980089.92	3741824.77	17.50	0.00	17.50	1/4/2022, 8
1-HR	1ST	37.44636	ug/m^3	S_003	980089.92	3741844.77	17.49	0.00	17.49	1/4/2022, 8
1-HR	1ST	39.67725	ug/m^3	S_004	980089.92	3741864.77	17.48	0.00	17.48	1/4/2022, 8
1-HR	1ST	42.37088	ug/m^3	S_005	980089.92	3741884.77	17.50	0.00	17.50	1/4/2022, 8
1-HR	1ST	45.63304	ug/m^3	S_006	980089.92	3741904.77	17.51	0.00	17.51	1/4/2022, 8
1-HR	1ST	49.62418	ug/m^3	S_007	980089.92	3741924.77	17.51	0.00	17.51	1/4/2022, 8
1-HR	1ST	54.60223	ug/m^3	S_008	980089.92	3741944.77	17.53	0.00	17.53	1/4/2022, 8
1-HR	1ST	61.03608	ug/m^3	S_009	980089.92	3741964.77	17.60	0.00	17.60	1/4/2022, 8
1-HR	1ST	73.47344	ug/m^3	S_010	980089.92	3741984.77	17.73	0.00	17.73	1/2/2019, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	96.60834	ug/m^3	S_011	980089.92	3742004.77	17.79	0.00	17.79	1/2/2019, 8
1-HR	1ST	134.36124	ug/m^3	S_012	980089.92	3742024.77	17.88	0.00	17.88	1/2/2019, 8
1-HR	1ST	33.80292	ug/m^3	S_013	980109.92	3741804.77	17.01	0.00	17.01	1/4/2022, 8
1-HR	1ST	35.22130	ug/m^3	S_014	980109.92	3741824.77	17.12	0.00	17.12	1/4/2022, 8
1-HR	1ST	36.92493	ug/m^3	S_015	980109.92	3741844.77	17.17	0.00	17.17	1/4/2022, 8
1-HR	1ST	38.97379	ug/m^3	S_016	980109.92	3741864.77	17.19	0.00	17.19	1/4/2022, 8
1-HR	1ST	41.43172	ug/m^3	S_017	980109.92	3741884.77	17.14	0.00	17.14	1/4/2022, 8
1-HR	1ST	44.41907	ug/m^3	S_018	980109.92	3741904.77	17.12	0.00	17.12	1/4/2022, 8
1-HR	1ST	48.09129	ug/m^3	S_019	980109.92	3741924.77	17.14	0.00	17.14	1/4/2022, 8
1-HR	1ST	52.70683	ug/m^3	S_020	980109.92	3741944.77	17.24	0.00	17.24	1/4/2022, 8
1-HR	1ST	58.64371	ug/m^3	S_021	980109.92	3741964.77	17.37	0.00	17.37	1/4/2022, 8
1-HR	1ST	66.56435	ug/m^3	S_022	980109.92	3741984.77	17.53	0.00	17.53	1/4/2022, 8
1-HR	1ST	84.28811	ug/m^3	S_023	980109.92	3742004.77	17.68	0.00	17.68	1/2/2019, 8
1-HR	1ST	116.63641	ug/m^3	S_024	980109.92	3742024.77	17.81	0.00	17.81	1/2/2019, 8
1-HR	1ST	33.33743	ug/m^3	S_025	980129.92	3741784.77	16.84	0.00	16.84	1/2/2019, 8
1-HR	1ST	33.60109	ug/m^3	S_026	980129.92	3741804.77	16.83	0.00	16.83	1/4/2022, 8
1-HR	1ST	34.85852	ug/m^3	S_027	980129.92	3741824.77	16.98	0.00	16.98	1/4/2022, 8
1-HR	1ST	36.38797	ug/m^3	S_028	980129.92	3741844.77	17.06	0.00	17.06	1/4/2022, 8
1-HR	1ST	38.24475	ug/m^3	S_029	980129.92	3741864.77	17.08	0.00	17.08	1/4/2022, 8
1-HR	1ST	40.47164	ug/m^3	S_030	980129.92	3741884.77	16.92	0.00	16.92	1/4/2022, 8

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	43.20808	ug/m^3	S_031	980129.92	3741904.77	16.85	0.00	16.85	1/4/2022, 8
1-HR	1ST	46.60029	ug/m^3	S_032	980129.92	3741924.77	16.84	0.00	16.84	1/4/2022, 8
1-HR	1ST	50.89588	ug/m^3	S_033	980129.92	3741944.77	17.00	0.00	17.00	1/4/2022, 8
1-HR	1ST	56.38041	ug/m^3	S_034	980129.92	3741964.77	17.17	0.00	17.17	1/4/2022, 8
1-HR	1ST	63.61431	ug/m^3	S_035	980129.92	3741984.77	17.36	0.00	17.36	1/4/2022, 8
1-HR	1ST	73.58245	ug/m^3	S_036	980129.92	3742004.77	17.59	0.00	17.59	1/4/2022, 8
1-HR	1ST	99.80857	ug/m^3	S_037	980129.92	3742024.77	17.79	0.00	17.79	1/2/2019, 8
1-HR	1ST	34.77306	ug/m^3	S_038	980149.92	3741764.77	16.72	0.00	16.72	1/2/2019, 8
1-HR	1ST	34.70127	ug/m^3	S_039	980149.92	3741784.77	16.69	0.00	16.69	1/2/2019, 8
1-HR	1ST	34.61684	ug/m^3	S_040	980149.92	3741804.77	16.79	0.00	16.79	1/2/2019, 8
1-HR	1ST	34.56910	ug/m^3	S_041	980149.92	3741824.77	16.94	0.00	16.94	1/4/2022, 8
1-HR	1ST	35.91489	ug/m^3	S_042	980149.92	3741844.77	17.06	0.00	17.06	1/4/2022, 8
1-HR	1ST	37.58263	ug/m^3	S_043	980149.92	3741864.77	17.15	0.00	17.15	1/4/2022, 8
1-HR	1ST	39.60790	ug/m^3	S_044	980149.92	3741884.77	17.01	0.00	17.01	1/4/2022, 8
1-HR	1ST	42.09910	ug/m^3	S_045	980149.92	3741904.77	16.86	0.00	16.86	1/4/2022, 8
1-HR	1ST	45.17200	ug/m^3	S_046	980149.92	3741924.77	16.70	0.00	16.70	1/4/2022, 8
1-HR	1ST	49.11765	ug/m^3	S_047	980149.92	3741944.77	16.84	0.00	16.84	1/4/2022, 8
1-HR	1ST	54.16789	ug/m^3	S_048	980149.92	3741964.77	17.04	0.00	17.04	1/4/2022, 8
1-HR	1ST	60.77754	ug/m^3	S_049	980149.92	3741984.77	17.25	0.00	17.25	1/4/2022, 8
1-HR	1ST	69.81817	ug/m^3	S_050	980149.92	3742004.77	17.53	0.00	17.53	1/4/2022, 8

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	84.11537	ug/m^3	S_051	980149.92	3742024.77	17.79	0.00	17.79	1/2/2019, 8
1-HR	1ST	122.84692	ug/m^3	S_052	980149.92	3742044.77	17.92	0.00	17.92	1/2/2019, 8
1-HR	1ST	36.43696	ug/m^3	S_053	980169.92	3741744.77	16.64	0.00	16.64	1/2/2019, 8
1-HR	1ST	36.40319	ug/m^3	S_054	980169.92	3741764.77	16.56	0.00	16.56	1/2/2019, 8
1-HR	1ST	36.31463	ug/m^3	S_055	980169.92	3741784.77	16.62	0.00	16.62	1/2/2019, 8
1-HR	1ST	36.17727	ug/m^3	S_056	980169.92	3741804.77	16.78	0.00	16.78	1/2/2019, 8
1-HR	1ST	35.99376	ug/m^3	S_057	980169.92	3741824.77	16.89	0.00	16.89	1/2/2019, 8
1-HR	1ST	35.81286	ug/m^3	S_058	980169.92	3741844.77	16.99	0.00	16.99	1/2/2019, 8
1-HR	1ST	36.98646	ug/m^3	S_059	980169.92	3741864.77	17.09	0.00	17.09	1/4/2022, 8
1-HR	1ST	38.79679	ug/m^3	S_060	980169.92	3741884.77	17.08	0.00	17.08	1/4/2022, 8
1-HR	1ST	41.06098	ug/m^3	S_061	980169.92	3741904.77	17.05	0.00	17.05	1/4/2022, 8
1-HR	1ST	43.87897	ug/m^3	S_062	980169.92	3741924.77	16.98	0.00	16.98	1/4/2022, 8
1-HR	1ST	47.44329	ug/m^3	S_063	980169.92	3741944.77	16.98	0.00	16.98	1/4/2022, 8
1-HR	1ST	51.98610	ug/m^3	S_064	980169.92	3741964.77	17.02	0.00	17.02	1/4/2022, 8
1-HR	1ST	57.94843	ug/m^3	S_065	980169.92	3741984.77	17.17	0.00	17.17	1/4/2022, 8
1-HR	1ST	66.07199	ug/m^3	S_066	980169.92	3742004.77	17.45	0.00	17.45	1/4/2022, 8
1-HR	1ST	77.58958	ug/m^3	S_067	980169.92	3742024.77	17.74	0.00	17.74	1/4/2022, 8
1-HR	1ST	100.01286	ug/m^3	S_068	980169.92	3742044.77	17.96	0.00	17.96	1/2/2019, 8
1-HR	1ST	38.28612	ug/m^3	S_069	980189.92	3741744.77	16.36	0.00	16.36	1/2/2019, 8
1-HR	1ST	38.28572	ug/m^3	S_070	980189.92	3741764.77	16.46	0.00	16.46	1/2/2019, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	38.19398	ug/m^3	S_071	980189.92	3741784.77	16.60	0.00	16.60	1/2/2019, 8
1-HR	1ST	38.01412	ug/m^3	S_072	980189.92	3741804.77	16.77	0.00	16.77	1/2/2019, 8
1-HR	1ST	37.74562	ug/m^3	S_073	980189.92	3741824.77	16.85	0.00	16.85	1/2/2019, 8
1-HR	1ST	37.44932	ug/m^3	S_074	980189.92	3741844.77	16.94	0.00	16.94	1/2/2019, 8
1-HR	1ST	37.17472	ug/m^3	S_075	980189.92	3741864.77	17.03	0.00	17.03	1/2/2019, 8
1-HR	1ST	38.08123	ug/m^3	S_076	980189.92	3741884.77	17.15	0.00	17.15	1/4/2022, 8
1-HR	1ST	40.08457	ug/m^3	S_077	980189.92	3741904.77	17.25	0.00	17.25	1/4/2022, 8
1-HR	1ST	42.62265	ug/m^3	S_078	980189.92	3741924.77	17.33	0.00	17.33	1/4/2022, 8
1-HR	1ST	45.81005	ug/m^3	S_079	980189.92	3741944.77	17.28	0.00	17.28	1/4/2022, 8
1-HR	1ST	49.86401	ug/m^3	S_080	980189.92	3741964.77	17.21	0.00	17.21	1/4/2022, 8
1-HR	1ST	55.10259	ug/m^3	S_081	980189.92	3741984.77	17.14	0.00	17.14	1/4/2022, 8
1-HR	1ST	62.21306	ug/m^3	S_082	980189.92	3742004.77	17.30	0.00	17.30	1/4/2022, 8
1-HR	1ST	72.20179	ug/m^3	S_083	980189.92	3742024.77	17.56	0.00	17.56	1/4/2022, 8
1-HR	1ST	87.36324	ug/m^3	S_084	980189.92	3742044.77	17.88	0.00	17.88	1/4/2022, 8
1-HR	1ST	40.40634	ug/m^3	S_085	980209.92	3741724.77	16.33	0.00	16.33	1/2/2019, 8
1-HR	1ST	40.44817	ug/m^3	S_086	980209.92	3741744.77	16.26	0.00	16.26	1/2/2019, 8
1-HR	1ST	40.47380	ug/m^3	S_087	980209.92	3741764.77	16.43	0.00	16.43	1/2/2019, 8
1-HR	1ST	40.37261	ug/m^3	S_088	980209.92	3741784.77	16.59	0.00	16.59	1/2/2019, 8
1-HR	1ST	40.15017	ug/m^3	S_089	980209.92	3741804.77	16.75	0.00	16.75	1/2/2019, 8
1-HR	1ST	39.81180	ug/m^3	S_090	980209.92	3741824.77	16.83	0.00	16.83	1/2/2019, 8

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	39.42115	ug/m^3	S_091	980209.92	3741844.77	16.93	0.00	16.93	1/2/2019, 8
1-HR	1ST	39.02137	ug/m^3	S_092	980209.92	3741864.77	17.05	0.00	17.05	1/2/2019, 8
1-HR	1ST	38.66712	ug/m^3	S_093	980209.92	3741884.77	17.24	0.00	17.24	1/2/2019, 8
1-HR	1ST	39.21882	ug/m^3	S_094	980209.92	3741904.77	17.43	0.00	17.43	1/4/2022, 8
1-HR	1ST	41.42415	ug/m^3	S_095	980209.92	3741924.77	17.63	0.00	17.63	1/4/2022, 8
1-HR	1ST	44.21582	ug/m^3	S_096	980209.92	3741944.77	17.60	0.00	17.60	1/4/2022, 8
1-HR	1ST	47.76188	ug/m^3	S_097	980209.92	3741964.77	17.46	0.00	17.46	1/4/2022, 8
1-HR	1ST	52.28662	ug/m^3	S_098	980209.92	3741984.77	17.20	0.00	17.20	1/4/2022, 8
1-HR	1ST	58.35664	ug/m^3	S_099	980209.92	3742004.77	17.19	0.00	17.19	1/4/2022, 8
1-HR	1ST	66.74586	ug/m^3	S_100	980209.92	3742024.77	17.35	0.00	17.35	1/4/2022, 8
1-HR	1ST	79.37561	ug/m^3	S_101	980209.92	3742044.77	17.75	0.00	17.75	12/19/2023, 8
1-HR	1ST	103.43309	ug/m^3	S_102	980209.92	3742064.77	17.97	0.00	17.97	12/19/2023, 8
1-HR	1ST	42.85210	ug/m^3	S_103	980229.92	3741704.77	16.26	0.00	16.26	1/2/2019, 8
1-HR	1ST	42.89847	ug/m^3	S_104	980229.92	3741724.77	16.15	0.00	16.15	1/2/2019, 8
1-HR	1ST	42.99187	ug/m^3	S_105	980229.92	3741744.77	16.23	0.00	16.23	1/2/2019, 8
1-HR	1ST	43.01237	ug/m^3	S_106	980229.92	3741764.77	16.38	0.00	16.38	1/2/2019, 8
1-HR	1ST	42.88913	ug/m^3	S_107	980229.92	3741784.77	16.52	0.00	16.52	1/2/2019, 8
1-HR	1ST	42.61895	ug/m^3	S_108	980229.92	3741804.77	16.65	0.00	16.65	1/2/2019, 8
1-HR	1ST	42.22402	ug/m^3	S_109	980229.92	3741824.77	16.79	0.00	16.79	1/2/2019, 8
1-HR	1ST	41.75063	ug/m^3	S_110	980229.92	3741844.77	16.95	0.00	16.95	1/2/2019, 8

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	41.24554	ug/m^3	S_111	980229.92	3741864.77	17.16	0.00	17.16	1/2/2019, 8
1-HR	1ST	40.74812	ug/m^3	S_112	980229.92	3741884.77	17.36	0.00	17.36	1/2/2019, 8
1-HR	1ST	40.30805	ug/m^3	S_113	980229.92	3741904.77	17.57	0.00	17.57	1/2/2019, 8
1-HR	1ST	40.35427	ug/m^3	S_114	980229.92	3741924.77	17.81	0.00	17.81	1/4/2022, 8
1-HR	1ST	42.71465	ug/m^3	S_115	980229.92	3741944.77	17.82	0.00	17.82	1/4/2022, 8
1-HR	1ST	45.74471	ug/m^3	S_116	980229.92	3741964.77	17.68	0.00	17.68	1/4/2022, 8
1-HR	1ST	49.57540	ug/m^3	S_117	980229.92	3741984.77	17.30	0.00	17.30	1/4/2022, 8
1-HR	1ST	54.66191	ug/m^3	S_118	980229.92	3742004.77	17.17	0.00	17.17	1/4/2022, 8
1-HR	1ST	61.54309	ug/m^3	S_119	980229.92	3742024.77	17.20	0.00	17.20	1/4/2022, 8
1-HR	1ST	71.57877	ug/m^3	S_120	980229.92	3742044.77	17.62	0.00	17.62	1/4/2022, 8
1-HR	1ST	96.74753	ug/m^3	S_121	980229.92	3742064.77	17.87	0.00	17.87	12/19/2023, 8
1-HR	1ST	45.88013	ug/m^3	S_122	980249.92	3741704.77	16.07	0.00	16.07	1/2/2019, 8
1-HR	1ST	45.89217	ug/m^3	S_123	980249.92	3741724.77	16.05	0.00	16.05	1/2/2019, 8
1-HR	1ST	45.99720	ug/m^3	S_124	980249.92	3741744.77	16.19	0.00	16.19	1/2/2019, 8
1-HR	1ST	46.01153	ug/m^3	S_125	980249.92	3741764.77	16.33	0.00	16.33	1/2/2019, 8
1-HR	1ST	45.86217	ug/m^3	S_126	980249.92	3741784.77	16.45	0.00	16.45	1/2/2019, 8
1-HR	1ST	45.52690	ug/m^3	S_127	980249.92	3741804.77	16.57	0.00	16.57	1/2/2019, 8
1-HR	1ST	45.05827	ug/m^3	S_128	980249.92	3741824.77	16.74	0.00	16.74	1/2/2019, 8
1-HR	1ST	44.48767	ug/m^3	S_129	980249.92	3741844.77	16.95	0.00	16.95	1/2/2019, 8
1-HR	1ST	43.85886	ug/m^3	S_130	980249.92	3741864.77	17.20	0.00	17.20	1/2/2019, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	43.22381	ug/m^3	S_131	980249.92	3741884.77	17.41	0.00	17.41	1/2/2019, 8
1-HR	1ST	42.62699	ug/m^3	S_132	980249.92	3741904.77	17.62	0.00	17.62	1/2/2019, 8
1-HR	1ST	42.10996	ug/m^3	S_133	980249.92	3741924.77	17.91	0.00	17.91	1/2/2019, 8
1-HR	1ST	41.69822	ug/m^3	S_134	980249.92	3741944.77	17.95	0.00	17.95	1/2/2019, 8
1-HR	1ST	43.92937	ug/m^3	S_135	980249.92	3741964.77	17.83	0.00	17.83	1/4/2022, 8
1-HR	1ST	47.12069	ug/m^3	S_136	980249.92	3741984.77	17.44	0.00	17.44	1/4/2022, 8
1-HR	1ST	51.33152	ug/m^3	S_137	980249.92	3742004.77	17.23	0.00	17.23	1/4/2022, 8
1-HR	1ST	56.96789	ug/m^3	S_138	980249.92	3742024.77	17.19	0.00	17.19	1/4/2022, 8
1-HR	1ST	64.96568	ug/m^3	S_139	980249.92	3742044.77	17.55	0.00	17.55	1/4/2022, 8
1-HR	1ST	81.88677	ug/m^3	S_140	980249.92	3742064.77	17.82	0.00	17.82	12/19/2023, 8
1-HR	1ST	116.98536	ug/m^3	S_141	980249.92	3742084.77	17.99	0.00	17.99	12/19/2023, 8
1-HR	1ST	49.87125	ug/m^3	S_142	980269.92	3741684.77	15.98	0.00	15.98	1/2/2019, 8
1-HR	1ST	49.62264	ug/m^3	S_143	980269.92	3741704.77	15.93	0.00	15.93	1/2/2019, 8
1-HR	1ST	49.56293	ug/m^3	S_144	980269.92	3741724.77	16.00	0.00	16.00	1/2/2019, 8
1-HR	1ST	49.62398	ug/m^3	S_145	980269.92	3741744.77	16.14	0.00	16.14	1/2/2019, 8
1-HR	1ST	49.62211	ug/m^3	S_146	980269.92	3741764.77	16.28	0.00	16.28	1/2/2019, 8
1-HR	1ST	49.44410	ug/m^3	S_147	980269.92	3741784.77	16.41	0.00	16.41	1/2/2019, 8
1-HR	1ST	49.03656	ug/m^3	S_148	980269.92	3741804.77	16.54	0.00	16.54	1/2/2019, 8
1-HR	1ST	48.45804	ug/m^3	S_149	980269.92	3741824.77	16.74	0.00	16.74	1/2/2019, 8
1-HR	1ST	47.74054	ug/m^3	S_150	980269.92	3741844.77	16.96	0.00	16.96	1/2/2019, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	46.94492	ug/m^3	S_151	980269.92	3741864.77	17.20	0.00	17.20	1/2/2019, 8
1-HR	1ST	46.14665	ug/m^3	S_152	980269.92	3741884.77	17.42	0.00	17.42	1/2/2019, 8
1-HR	1ST	45.38445	ug/m^3	S_153	980269.92	3741904.77	17.65	0.00	17.65	1/2/2019, 8
1-HR	1ST	44.68501	ug/m^3	S_154	980269.92	3741924.77	17.83	0.00	17.83	1/2/2019, 8
1-HR	1ST	44.09675	ug/m^3	S_155	980269.92	3741944.77	17.87	0.00	17.87	1/2/2019, 8
1-HR	1ST	44.08841	ug/m^3	S_156	980269.92	3741964.77	17.81	0.00	17.81	12/23/2022, 8
1-HR	1ST	45.03775	ug/m^3	S_157	980269.92	3741984.77	17.53	0.00	17.53	1/4/2022, 8
1-HR	1ST	48.49996	ug/m^3	S_158	980269.92	3742004.77	17.37	0.00	17.37	1/4/2022, 8
1-HR	1ST	53.09311	ug/m^3	S_159	980269.92	3742024.77	17.32	0.00	17.32	1/4/2022, 8
1-HR	1ST	59.40916	ug/m^3	S_160	980269.92	3742044.77	17.57	0.00	17.57	1/4/2022, 8
1-HR	1ST	68.94443	ug/m^3	S_161	980269.92	3742064.77	17.80	0.00	17.80	12/19/2023, 8
1-HR	1ST	93.06585	ug/m^3	S_162	980269.92	3742084.77	18.02	0.00	18.02	12/19/2023, 8
1-HR	1ST	138.10285	ug/m^3	S_163	980269.92	3742104.77	18.10	0.00	18.10	12/19/2023, 8
1-HR	1ST	55.04284	ug/m^3	S_164	980289.92	3741684.77	15.88	0.00	19.14	1/2/2019, 8
1-HR	1ST	54.96153	ug/m^3	S_165	980289.92	3741704.77	15.82	0.00	15.82	12/23/2022, 8
1-HR	1ST	55.01964	ug/m^3	S_166	980289.92	3741724.77	15.94	0.00	15.94	12/23/2022, 8
1-HR	1ST	54.19224	ug/m^3	S_167	980289.92	3741744.77	16.09	0.00	16.09	12/23/2022, 8
1-HR	1ST	54.06779	ug/m^3	S_168	980289.92	3741764.77	16.24	0.00	16.24	1/2/2019, 8
1-HR	1ST	53.87001	ug/m^3	S_169	980289.92	3741784.77	16.40	0.00	16.40	1/2/2019, 8
1-HR	1ST	53.39439	ug/m^3	S_170	980289.92	3741804.77	16.58	0.00	16.58	1/2/2019, 8

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PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	52.64398	ug/m^3	S_171	980289.92	3741824.77	16.80	0.00	16.80	1/2/2019, 8
1-HR	1ST	51.68468	ug/m^3	S_172	980289.92	3741844.77	17.02	0.00	17.02	1/2/2019, 8
1-HR	1ST	50.65103	ug/m^3	S_173	980289.92	3741864.77	17.23	0.00	17.23	1/2/2019, 8
1-HR	1ST	49.63429	ug/m^3	S_174	980289.92	3741884.77	17.46	0.00	17.46	1/2/2019, 8
1-HR	1ST	48.65607	ug/m^3	S_175	980289.92	3741904.77	17.66	0.00	17.66	1/2/2019, 8
1-HR	1ST	47.74028	ug/m^3	S_176	980289.92	3741924.77	17.71	0.00	17.71	1/2/2019, 8
1-HR	1ST	46.95876	ug/m^3	S_177	980289.92	3741944.77	17.76	0.00	17.76	1/2/2019, 8
1-HR	1ST	46.54282	ug/m^3	S_178	980289.92	3741964.77	17.80	0.00	17.80	12/23/2022, 8
1-HR	1ST	47.24350	ug/m^3	S_179	980289.92	3741984.77	17.62	0.00	17.62	12/23/2022, 8
1-HR	1ST	48.44361	ug/m^3	S_180	980289.92	3742004.77	17.48	0.00	17.48	12/23/2022, 8
1-HR	1ST	50.19517	ug/m^3	S_181	980289.92	3742024.77	17.36	0.00	17.36	12/23/2022, 8
1-HR	1ST	54.89014	ug/m^3	S_182	980289.92	3742044.77	17.56	0.00	17.56	1/4/2022, 8
1-HR	1ST	61.64418	ug/m^3	S_183	980289.92	3742064.77	17.78	0.00	17.78	1/4/2022, 8
1-HR	1ST	76.21888	ug/m^3	S_184	980289.92	3742084.77	18.02	0.00	18.02	12/19/2023, 8
1-HR	1ST	103.90744	ug/m^3	S_185	980289.92	3742104.77	18.15	0.00	18.15	12/19/2023, 8
1-HR	1ST	155.66073	ug/m^3	S_186	980289.92	3742124.77	18.24	0.00	18.24	12/19/2023, 8
1-HR	1ST	63.25388	ug/m^3	S_187	980309.92	3741684.77	15.84	0.00	15.84	12/23/2022, 8
1-HR	1ST	64.38024	ug/m^3	S_188	980309.92	3741704.77	15.78	0.00	15.78	12/23/2022, 8
1-HR	1ST	63.12063	ug/m^3	S_189	980309.92	3741724.77	15.91	0.00	15.91	12/23/2022, 8
1-HR	1ST	61.54697	ug/m^3	S_190	980309.92	3741744.77	16.07	0.00	16.07	12/23/2022, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	60.17245	ug/m^3	S_191	980309.92	3741764.77	16.25	0.00	16.25	12/23/2022, 8
1-HR	1ST	59.50485	ug/m^3	S_192	980309.92	3741784.77	16.44	0.00	16.44	1/2/2019, 8
1-HR	1ST	58.94376	ug/m^3	S_193	980309.92	3741804.77	16.66	0.00	16.66	1/2/2019, 8
1-HR	1ST	57.92486	ug/m^3	S_194	980309.92	3741824.77	16.89	0.00	16.89	1/2/2019, 8
1-HR	1ST	56.59689	ug/m^3	S_195	980309.92	3741844.77	17.13	0.00	17.13	1/2/2019, 8
1-HR	1ST	55.19632	ug/m^3	S_196	980309.92	3741864.77	17.37	0.00	17.37	1/2/2019, 8
1-HR	1ST	53.86850	ug/m^3	S_197	980309.92	3741884.77	17.55	0.00	17.55	1/2/2019, 8
1-HR	1ST	52.59222	ug/m^3	S_198	980309.92	3741904.77	17.68	0.00	17.68	1/2/2019, 8
1-HR	1ST	51.38458	ug/m^3	S_199	980309.92	3741924.77	17.67	0.00	17.67	1/2/2019, 8
1-HR	1ST	50.35154	ug/m^3	S_200	980309.92	3741944.77	17.76	0.00	17.76	1/2/2019, 8
1-HR	1ST	49.57673	ug/m^3	S_201	980309.92	3741964.77	17.93	0.00	17.93	1/2/2019, 8
1-HR	1ST	49.95912	ug/m^3	S_202	980309.92	3741984.77	17.75	0.00	17.75	12/23/2022, 8
1-HR	1ST	51.11399	ug/m^3	S_203	980309.92	3742004.77	17.56	0.00	17.56	12/23/2022, 8
1-HR	1ST	52.95045	ug/m^3	S_204	980309.92	3742024.77	17.38	0.00	17.38	12/23/2022, 8
1-HR	1ST	55.57513	ug/m^3	S_205	980309.92	3742044.77	17.53	0.00	17.53	12/23/2022, 8
1-HR	1ST	58.96017	ug/m^3	S_206	980309.92	3742064.77	17.73	0.00	17.73	12/23/2022, 8
1-HR	1ST	64.73979	ug/m^3	S_207	980309.92	3742084.77	17.96	0.00	17.96	12/19/2023, 8
1-HR	1ST	83.73373	ug/m^3	S_208	980309.92	3742104.77	18.13	0.00	18.13	12/19/2023, 8
1-HR	1ST	113.22692	ug/m^3	S_209	980309.92	3742124.77	18.25	0.00	18.25	12/19/2023, 8
1-HR	1ST	163.26771	ug/m^3	S_210	980309.92	3742144.77	18.25	0.00	18.25	12/19/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	78.93590	ug/m^3	S_211	980329.92	3741684.77	16.06	0.00	16.06	12/23/2022, 8
1-HR	1ST	77.09042	ug/m^3	S_212	980329.92	3741704.77	16.00	0.00	16.00	12/23/2022, 8
1-HR	1ST	74.20822	ug/m^3	S_213	980329.92	3741724.77	16.05	0.00	16.05	12/23/2022, 8
1-HR	1ST	71.68325	ug/m^3	S_214	980329.92	3741744.77	16.15	0.00	16.15	12/23/2022, 8
1-HR	1ST	69.61374	ug/m^3	S_215	980329.92	3741764.77	16.32	0.00	16.32	12/23/2022, 8
1-HR	1ST	67.75282	ug/m^3	S_216	980329.92	3741784.77	16.51	0.00	16.51	12/23/2022, 8
1-HR	1ST	66.19916	ug/m^3	S_217	980329.92	3741804.77	16.74	0.00	16.74	1/2/2019, 8
1-HR	1ST	64.81337	ug/m^3	S_218	980329.92	3741824.77	17.00	0.00	17.00	1/2/2019, 8
1-HR	1ST	62.85619	ug/m^3	S_219	980329.92	3741844.77	17.28	0.00	17.28	1/2/2019, 8
1-HR	1ST	60.91863	ug/m^3	S_220	980329.92	3741864.77	17.57	0.00	17.57	1/2/2019, 8
1-HR	1ST	59.14070	ug/m^3	S_221	980329.92	3741884.77	17.75	0.00	17.75	1/2/2019, 8
1-HR	1ST	57.43800	ug/m^3	S_222	980329.92	3741904.77	17.84	0.00	17.84	1/2/2019, 8
1-HR	1ST	55.82125	ug/m^3	S_223	980329.92	3741924.77	17.88	0.00	17.88	1/2/2019, 8
1-HR	1ST	54.40595	ug/m^3	S_224	980329.92	3741944.77	18.03	0.00	18.03	1/2/2019, 8
1-HR	1ST	53.34563	ug/m^3	S_225	980329.92	3741964.77	18.30	0.00	18.30	1/2/2019, 8
1-HR	1ST	53.13320	ug/m^3	S_226	980329.92	3741984.77	17.94	0.00	17.94	12/23/2022, 8
1-HR	1ST	54.16685	ug/m^3	S_227	980329.92	3742004.77	17.62	0.00	17.62	12/23/2022, 8
1-HR	1ST	56.06208	ug/m^3	S_228	980329.92	3742024.77	17.39	0.00	17.39	12/23/2022, 8
1-HR	1ST	58.96337	ug/m^3	S_229	980329.92	3742044.77	17.47	0.00	17.47	12/23/2022, 8
1-HR	1ST	62.85778	ug/m^3	S_230	980329.92	3742064.77	17.64	0.00	17.64	12/23/2022, 8

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Sensitive Receptor Summary

Tustin District Office Project
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PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	67.71078	ug/m^3	S_231	980329.92	3742084.77	17.88	0.00	17.88	12/23/2022, 8
1-HR	1ST	73.59194	ug/m^3	S_232	980329.92	3742104.77	18.07	0.00	18.07	12/23/2022, 8
1-HR	1ST	91.77143	ug/m^3	S_233	980329.92	3742124.77	18.21	0.00	18.21	12/19/2023, 8
1-HR	1ST	119.49585	ug/m^3	S_234	980329.92	3742144.77	18.22	0.00	18.22	12/19/2023, 8
1-HR	1ST	162.70385	ug/m^3	S_235	980329.92	3742164.77	18.20	0.00	18.20	12/19/2023, 8
1-HR	1ST	85.33305	ug/m^3	S_236	980349.92	3741744.77	16.24	0.00	16.24	12/23/2022, 8
1-HR	1ST	82.37119	ug/m^3	S_237	980349.92	3741764.77	16.37	0.00	16.37	12/23/2022, 8
1-HR	1ST	79.85052	ug/m^3	S_238	980349.92	3741784.77	16.56	0.00	16.56	12/23/2022, 8
1-HR	1ST	77.48805	ug/m^3	S_239	980349.92	3741804.77	16.80	0.00	16.80	12/23/2022, 8
1-HR	1ST	74.64911	ug/m^3	S_240	980349.92	3741824.77	17.05	0.00	17.05	12/23/2022, 8
1-HR	1ST	71.15272	ug/m^3	S_241	980349.92	3741844.77	17.32	0.00	17.32	1/2/2019, 8
1-HR	1ST	68.36260	ug/m^3	S_242	980349.92	3741864.77	17.60	0.00	17.60	1/2/2019, 8
1-HR	1ST	65.91327	ug/m^3	S_243	980349.92	3741884.77	17.79	0.00	17.79	1/2/2019, 8
1-HR	1ST	63.61192	ug/m^3	S_244	980349.92	3741904.77	17.90	0.00	17.90	1/2/2019, 8
1-HR	1ST	61.37186	ug/m^3	S_245	980349.92	3741924.77	17.84	0.00	17.84	1/2/2019, 8
1-HR	1ST	59.33239	ug/m^3	S_246	980349.92	3741944.77	17.81	0.00	17.81	1/2/2019, 8
1-HR	1ST	57.75937	ug/m^3	S_247	980349.92	3741964.77	17.84	0.00	17.84	1/2/2019, 8
1-HR	1ST	56.92677	ug/m^3	S_248	980349.92	3741984.77	17.73	0.00	17.73	12/23/2022, 8
1-HR	1ST	57.69892	ug/m^3	S_249	980349.92	3742004.77	17.58	0.00	17.58	12/23/2022, 8
1-HR	1ST	59.60277	ug/m^3	S_250	980349.92	3742024.77	17.33	0.00	17.33	12/23/2022, 8

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PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	62.81463	ug/m^3	S_251	980349.92	3742044.77	17.37	0.00	17.37	12/23/2022, 8
1-HR	1ST	67.33700	ug/m^3	S_252	980349.92	3742064.77	17.53	0.00	17.53	12/23/2022, 8
1-HR	1ST	73.16480	ug/m^3	S_253	980349.92	3742084.77	17.81	0.00	17.81	12/23/2022, 8
1-HR	1ST	80.31365	ug/m^3	S_254	980349.92	3742104.77	17.98	0.00	17.98	12/23/2022, 8
1-HR	1ST	89.12483	ug/m^3	S_255	980349.92	3742124.77	18.10	0.00	18.10	12/23/2022, 8
1-HR	1ST	100.80919	ug/m^3	S_256	980349.92	3742144.77	18.16	0.00	18.16	12/19/2023, 8
1-HR	1ST	122.03523	ug/m^3	S_257	980349.92	3742164.77	18.18	0.00	18.18	12/19/2023, 8
1-HR	1ST	89.24628	ug/m^3	S_258	980369.92	3741824.77	17.01	0.00	17.01	12/23/2022, 8
1-HR	1ST	84.07971	ug/m^3	S_259	980369.92	3741844.77	17.24	0.00	17.24	12/23/2022, 8
1-HR	1ST	78.57363	ug/m^3	S_260	980369.92	3741864.77	17.49	0.00	17.49	12/23/2022, 8
1-HR	1ST	74.94949	ug/m^3	S_261	980369.92	3741884.77	17.68	0.00	17.68	1/2/2019, 8
1-HR	1ST	71.77108	ug/m^3	S_262	980369.92	3741904.77	17.82	0.00	17.82	1/2/2019, 8
1-HR	1ST	68.63018	ug/m^3	S_263	980369.92	3741924.77	17.71	0.00	17.71	1/2/2019, 8
1-HR	1ST	65.60093	ug/m^3	S_264	980369.92	3741944.77	17.60	0.00	17.60	1/2/2019, 8
1-HR	1ST	63.15264	ug/m^3	S_265	980369.92	3741964.77	17.52	0.00	17.52	1/2/2019, 8
1-HR	1ST	61.64823	ug/m^3	S_266	980369.92	3741984.77	17.46	0.00	17.46	1/2/2019, 8
1-HR	1ST	61.86203	ug/m^3	S_267	980369.92	3742004.77	17.39	0.00	17.39	12/23/2022, 8
1-HR	1ST	63.69175	ug/m^3	S_268	980369.92	3742024.77	17.26	0.00	17.26	12/23/2022, 8
1-HR	1ST	67.26175	ug/m^3	S_269	980369.92	3742044.77	17.32	0.00	17.32	12/23/2022, 8
1-HR	1ST	72.58228	ug/m^3	S_270	980369.92	3742064.77	17.47	0.00	17.47	12/23/2022, 8

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PM2.5 - Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	79.67882	ug/m^3	S_271	980369.92	3742084.77	17.75	0.00	17.75	12/23/2022, 8
1-HR	1ST	88.54776	ug/m^3	S_272	980369.92	3742104.77	17.92	0.00	17.92	12/23/2022, 8
1-HR	1ST	99.70905	ug/m^3	S_273	980369.92	3742124.77	18.02	0.00	18.02	12/23/2022, 8
1-HR	1ST	114.03082	ug/m^3	S_274	980369.92	3742144.77	18.07	0.00	18.07	12/23/2022, 8
1-HR	1ST	87.26175	ug/m^3	S_275	980389.92	3741884.77	17.46	0.00	17.46	1/2/2019, 8
1-HR	1ST	82.94565	ug/m^3	S_276	980389.92	3741904.77	17.62	0.00	17.62	1/2/2019, 8
1-HR	1ST	78.55141	ug/m^3	S_277	980389.92	3741924.77	17.52	0.00	17.52	1/2/2019, 8
1-HR	1ST	73.97577	ug/m^3	S_278	980389.92	3741944.77	17.34	0.00	17.34	1/2/2019, 8
1-HR	1ST	69.93985	ug/m^3	S_279	980389.92	3741964.77	17.07	0.00	17.07	1/2/2019, 8
1-HR	1ST	67.41051	ug/m^3	S_280	980389.92	3741984.77	17.06	0.00	17.06	12/23/2022, 8
1-HR	1ST	66.88432	ug/m^3	S_281	980389.92	3742004.77	17.13	0.00	17.13	12/23/2022, 8
1-HR	1ST	68.48209	ug/m^3	S_282	980389.92	3742024.77	17.14	0.00	17.14	12/23/2022, 8
1-HR	1ST	72.45078	ug/m^3	S_283	980389.92	3742044.77	17.26	0.00	17.26	12/23/2022, 8
1-HR	1ST	78.78460	ug/m^3	S_284	980389.92	3742064.77	17.43	0.00	17.43	12/23/2022, 8
1-HR	1ST	87.56856	ug/m^3	S_285	980389.92	3742084.77	17.71	0.00	17.71	12/23/2022, 8
1-HR	1ST	98.79930	ug/m^3	S_286	980389.92	3742104.77	17.88	0.00	17.88	12/23/2022, 8
1-HR	1ST	113.24722	ug/m^3	S_287	980389.92	3742124.77	17.96	0.00	17.96	12/23/2022, 8
1-HR	1ST	85.79650	ug/m^3	S_288	980409.92	3741944.77	17.05	0.00	17.05	1/2/2019, 8
1-HR	1ST	78.86443	ug/m^3	S_289	980409.92	3741964.77	16.48	0.00	16.48	12/23/2022, 8
1-HR	1ST	74.74689	ug/m^3	S_290	980409.92	3741984.77	16.56	0.00	16.56	12/23/2022, 8

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	73.13189	ug/m^3	S_291	980409.92	3742004.77	16.85	0.00	16.85	12/23/2022, 8
1-HR	1ST	74.23021	ug/m^3	S_292	980409.92	3742024.77	16.99	0.00	16.99	12/23/2022, 8
1-HR	1ST	78.58482	ug/m^3	S_293	980409.92	3742044.77	17.19	0.00	17.19	12/23/2022, 8
1-HR	1ST	86.25293	ug/m^3	S_294	980409.92	3742064.77	17.43	0.00	17.43	12/23/2022, 8
1-HR	1ST	97.31792	ug/m^3	S_295	980409.92	3742084.77	17.69	0.00	17.69	12/23/2022, 8
1-HR	1ST	111.72203	ug/m^3	S_296	980409.92	3742104.77	17.82	0.00	17.82	12/23/2022, 8
1-HR	1ST	130.36745	ug/m^3	S_297	980409.92	3742124.77	17.86	0.00	17.86	12/23/2022, 8
1-HR	1ST	94.43189	ug/m^3	S_298	980429.92	3741964.77	16.39	0.00	16.39	1/18/2021, 8
1-HR	1ST	84.58148	ug/m^3	S_299	980429.92	3741984.77	16.38	0.00	16.38	12/23/2022, 8
1-HR	1ST	81.04146	ug/m^3	S_300	980429.92	3742004.77	16.60	0.00	16.60	12/23/2022, 8
1-HR	1ST	81.32186	ug/m^3	S_301	980429.92	3742024.77	16.84	0.00	16.84	12/23/2022, 8
1-HR	1ST	85.99887	ug/m^3	S_302	980429.92	3742044.77	17.14	0.00	17.14	12/23/2022, 8
1-HR	1ST	95.41269	ug/m^3	S_303	980429.92	3742064.77	17.46	0.00	17.46	12/23/2022, 8
1-HR	1ST	109.54642	ug/m^3	S_304	980429.92	3742084.77	17.66	0.00	17.66	12/23/2022, 8
1-HR	1ST	127.98572	ug/m^3	S_305	980429.92	3742104.77	17.75	0.00	17.75	12/23/2022, 8
1-HR	1ST	92.19637	ug/m^3	S_306	980449.92	3742004.77	16.68	0.00	16.68	12/23/2022, 8
1-HR	1ST	90.61280	ug/m^3	S_307	980449.92	3742024.77	16.90	0.00	16.90	12/23/2022, 8
1-HR	1ST	95.21713	ug/m^3	S_308	980449.92	3742044.77	17.15	0.00	17.15	12/23/2022, 8
1-HR	1ST	106.72268	ug/m^3	S_309	980449.92	3742064.77	17.44	0.00	17.44	12/23/2022, 8
1-HR	1ST	124.70480	ug/m^3	S_310	980449.92	3742084.77	17.53	0.00	17.53	12/23/2022, 8

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	102.78800	ug/m^3	S_311	980469.92	3742024.77	16.97	0.00	16.97	12/23/2022, 8
1-HR	1ST	106.66450	ug/m^3	S_312	980469.92	3742044.77	17.17	0.00	17.17	12/23/2022, 8
1-HR	1ST	120.81877	ug/m^3	S_313	980469.92	3742064.77	17.36	0.00	17.36	12/23/2022, 8
1-HR	1ST	142.84387	ug/m^3	S_314	980469.92	3742084.77	17.43	0.00	17.43	12/23/2022, 8
1-HR	1ST	119.90889	ug/m^3	S_315	980489.92	3742044.77	17.16	0.00	17.16	12/23/2022, 8
1-HR	1ST	138.25844	ug/m^3	S_316	980489.92	3742064.77	17.28	0.00	17.28	12/23/2022, 8
1-HR	1ST	116.47110	ug/m^3	W_001	980404.60	3742206.17	18.79	0.00	18.79	2/5/2021, 8
1-HR	1ST	130.85051	ug/m^3	W_002	980395.70	3742240.27	18.75	0.00	18.75	2/5/2021, 8
1-HR	1ST	119.43463	ug/m^3	W_003	980504.67	3742161.69	18.52	0.00	18.52	2/5/2021, 8
1-HR	1ST	103.18413	ug/m^3	W_004	980443.89	3742297.35	19.09	0.00	19.09	2/5/2021, 8
1-HR	1ST	120.57211	ug/m^3	W_005	980480.95	3742379.63	18.99	0.00	18.99	2/5/2021, 8
1-HR	1ST	83.67594	ug/m^3	W_006	980519.50	3742227.67	18.81	0.00	18.81	2/5/2021, 8
1-HR	1ST	77.92419	ug/m^3	W_007	980546.18	3742255.09	19.11	0.00	19.11	2/5/2021, 8
1-HR	1ST	70.59150	ug/m^3	W_008	980555.82	3742291.42	19.22	0.00	19.22	2/5/2021, 8
1-HR	1ST	70.52857	ug/m^3	W_009	980578.06	3742308.47	19.33	0.00	19.33	2/5/2021, 8
1-HR	1ST	67.18574	ug/m^3	W_010	980601.04	3742345.53	19.42	0.00	19.42	2/5/2021, 8
1-HR	1ST	127.94849	ug/m^3	W_011	980500.96	3742427.81	19.03	0.00	19.03	2/5/2021, 8
1-HR	1ST	113.47342	ug/m^3	W_012	980518.78	3742452.39	19.29	0.00	19.29	2/5/2021, 8
1-HR	1ST	63.31196	ug/m^3	W_013	980625.18	3742376.52	19.47	0.00	19.47	2/5/2021, 8
1-HR	1ST	57.78446	ug/m^3	W_014	980640.01	3742414.89	19.45	0.00	19.45	2/5/2021, 8

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	82.94845	ug/m^3	W_015	980561.52	3742496.87	19.93	0.00	19.93	2/5/2021, 8
1-HR	1ST	51.47243	ug/m^3	W_016	980665.30	3742472.45	19.69	0.00	19.69	2/5/2021, 8
1-HR	1ST	86.50632	ug/m^3	W_017	980513.48	3742577.06	19.19	0.00	19.19	2/5/2021, 8
1-HR	1ST	60.29512	ug/m^3	W_018	979899.40	3742334.47	19.24	0.00	19.24	12/23/2022, 8
1-HR	1ST	74.08913	ug/m^3	W_019	979936.77	3742099.68	17.99	0.00	17.99	12/23/2022, 8
1-HR	1ST	46.11247	ug/m^3	W_020	979761.24	3742285.82	19.04	0.00	19.04	12/23/2022, 8
1-HR	1ST	44.94864	ug/m^3	W_021	979733.51	3742181.86	18.30	0.00	18.30	12/11/2020, 8
1-HR	1ST	75.43839	ug/m^3	W_022	979924.14	3742077.70	17.92	0.00	17.92	12/23/2022, 8
1-HR	1ST	50.39581	ug/m^3	W_023	979822.04	3741883.42	17.43	0.00	17.43	1/2/2019, 8
1-HR	1ST	42.91136	ug/m^3	W_024	979674.08	3742101.64	18.09	0.00	18.09	12/11/2020, 8
1-HR	1ST	76.00560	ug/m^3	W_025	979851.61	3742394.38	19.48	0.00	19.48	12/23/2022, 8
1-HR	1ST	63.59662	ug/m^3	W_026	979873.78	3742356.02	19.42	0.00	19.42	12/23/2022, 8
1-HR	1ST	37.50913	ug/m^3	W_027	979586.82	3742234.43	19.12	0.00	19.12	12/11/2020, 8
1-HR	1ST	38.65541	ug/m^3	W_028	979600.20	3742183.36	18.86	0.00	18.86	12/11/2020, 8
1-HR	1ST	36.62481	ug/m^3	W_029	979550.35	3742193.09	18.98	0.00	18.98	12/11/2020, 8
1-HR	1ST	39.90873	ug/m^3	W_030	979618.44	3742121.35	18.69	0.00	18.69	12/11/2020, 8
1-HR	1ST	58.76679	ug/m^3	W_031	979858.81	3741944.73	17.56	0.00	17.56	1/2/2019, 8
1-HR	1ST	43.52462	ug/m^3	W_032	979760.89	3741849.21	17.63	0.00	17.63	1/2/2019, 8

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.08970	ug/m^3	RES_001	979660.30	3742498.81	19.96	0.00	19.96	
PERIOD		0.08741	ug/m^3	RES_002	979660.30	3742518.81	20.04	0.00	20.04	
PERIOD		0.08490	ug/m^3	RES_003	979660.30	3742538.81	20.10	0.00	20.10	
PERIOD		0.08218	ug/m^3	RES_004	979660.30	3742558.81	20.16	0.00	20.16	
PERIOD		0.07926	ug/m^3	RES_005	979660.30	3742578.81	20.25	0.00	20.25	
PERIOD		0.07623	ug/m^3	RES_006	979660.30	3742598.81	20.26	0.00	20.26	
PERIOD		0.07310	ug/m^3	RES_007	979660.30	3742618.81	20.30	0.00	20.30	
PERIOD		0.06989	ug/m^3	RES_008	979660.30	3742638.81	20.42	0.00	20.42	
PERIOD		0.06670	ug/m^3	RES_009	979660.30	3742658.81	20.49	0.00	20.49	
PERIOD		0.06357	ug/m^3	RES_010	979660.30	3742678.81	20.53	0.00	20.53	
PERIOD		0.06054	ug/m^3	RES_011	979660.30	3742698.81	20.51	0.00	20.51	
PERIOD		0.05754	ug/m^3	RES_012	979660.30	3742718.81	20.73	0.00	20.73	
PERIOD		0.05464	ug/m^3	RES_013	979660.30	3742738.81	21.08	0.00	21.08	
PERIOD		0.05198	ug/m^3	RES_014	979660.30	3742758.81	21.12	0.00	21.12	
PERIOD		0.04950	ug/m^3	RES_015	979660.30	3742778.81	21.10	0.00	21.10	
PERIOD		0.09523	ug/m^3	RES_016	979680.30	3742498.81	20.06	0.00	20.06	
PERIOD		0.09246	ug/m^3	RES_017	979680.30	3742518.81	20.14	0.00	20.14	
PERIOD		0.08946	ug/m^3	RES_018	979680.30	3742538.81	20.21	0.00	20.21	
PERIOD		0.08624	ug/m^3	RES_019	979680.30	3742558.81	20.28	0.00	20.28	
PERIOD		0.08287	ug/m^3	RES_020	979680.30	3742578.81	20.34	0.00	20.34	

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.07943	ug/m^3	RES_021	979680.30	3742598.81	20.33	0.00	20.33	
PERIOD		0.07591	ug/m^3	RES_022	979680.30	3742618.81	20.35	0.00	20.35	
PERIOD		0.07232	ug/m^3	RES_023	979680.30	3742638.81	20.51	0.00	20.51	
PERIOD		0.06879	ug/m^3	RES_024	979680.30	3742658.81	20.64	0.00	20.64	
PERIOD		0.06538	ug/m^3	RES_025	979680.30	3742678.81	20.73	0.00	20.73	
PERIOD		0.06213	ug/m^3	RES_026	979680.30	3742698.81	20.68	0.00	20.68	
PERIOD		0.05893	ug/m^3	RES_027	979680.30	3742718.81	20.93	0.00	20.93	
PERIOD		0.05586	ug/m^3	RES_028	979680.30	3742738.81	21.36	0.00	21.36	
PERIOD		0.05311	ug/m^3	RES_029	979680.30	3742758.81	21.30	0.00	21.30	
PERIOD		0.05057	ug/m^3	RES_030	979680.30	3742778.81	21.17	0.00	21.17	
PERIOD		0.04823	ug/m^3	RES_031	979680.30	3742798.81	20.96	0.00	20.96	
PERIOD		0.10109	ug/m^3	RES_032	979700.30	3742498.81	20.19	0.00	20.19	
PERIOD		0.09776	ug/m^3	RES_033	979700.30	3742518.81	20.27	0.00	20.27	
PERIOD		0.09419	ug/m^3	RES_034	979700.30	3742538.81	20.36	0.00	20.36	
PERIOD		0.09044	ug/m^3	RES_035	979700.30	3742558.81	20.44	0.00	20.44	
PERIOD		0.08658	ug/m^3	RES_036	979700.30	3742578.81	20.47	0.00	20.47	
PERIOD		0.08267	ug/m^3	RES_037	979700.30	3742598.81	20.47	0.00	20.47	
PERIOD		0.07873	ug/m^3	RES_038	979700.30	3742618.81	20.50	0.00	20.50	
PERIOD		0.07476	ug/m^3	RES_039	979700.30	3742638.81	20.68	0.00	20.68	
PERIOD		0.07091	ug/m^3	RES_040	979700.30	3742658.81	20.81	0.00	20.81	

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.06723	ug/m^3	RES_041	979700.30	3742678.81	20.90	0.00	20.90	
PERIOD		0.06377	ug/m^3	RES_042	979700.30	3742698.81	20.85	0.00	20.85	
PERIOD		0.06040	ug/m^3	RES_043	979700.30	3742718.81	21.07	0.00	21.07	
PERIOD		0.05718	ug/m^3	RES_044	979700.30	3742738.81	21.49	0.00	21.49	
PERIOD		0.05434	ug/m^3	RES_045	979700.30	3742758.81	21.39	0.00	21.39	
PERIOD		0.05172	ug/m^3	RES_046	979700.30	3742778.81	21.24	0.00	21.24	
PERIOD		0.04930	ug/m^3	RES_047	979700.30	3742798.81	21.05	0.00	21.05	
PERIOD		0.10731	ug/m^3	RES_048	979720.30	3742498.81	20.32	0.00	20.32	
PERIOD		0.10333	ug/m^3	RES_049	979720.30	3742518.81	20.42	0.00	20.42	
PERIOD		0.09914	ug/m^3	RES_050	979720.30	3742538.81	20.51	0.00	20.51	
PERIOD		0.09480	ug/m^3	RES_051	979720.30	3742558.81	20.58	0.00	20.58	
PERIOD		0.09041	ug/m^3	RES_052	979720.30	3742578.81	20.59	0.00	20.59	
PERIOD		0.08600	ug/m^3	RES_053	979720.30	3742598.81	20.61	0.00	20.61	
PERIOD		0.08161	ug/m^3	RES_054	979720.30	3742618.81	20.65	0.00	20.65	
PERIOD		0.07726	ug/m^3	RES_055	979720.30	3742638.81	20.85	0.00	20.85	
PERIOD		0.07309	ug/m^3	RES_056	979720.30	3742658.81	20.98	0.00	20.98	
PERIOD		0.06915	ug/m^3	RES_057	979720.30	3742678.81	21.05	0.00	21.05	
PERIOD		0.06546	ug/m^3	RES_058	979720.30	3742698.81	21.03	0.00	21.03	
PERIOD		0.06194	ug/m^3	RES_059	979720.30	3742718.81	21.21	0.00	21.21	
PERIOD		0.05859	ug/m^3	RES_060	979720.30	3742738.81	21.59	0.00	21.59	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.05565	ug/m^3	RES_061	979720.30	3742758.81	21.48	0.00	21.48	
PERIOD		0.05295	ug/m^3	RES_062	979720.30	3742778.81	21.36	0.00	21.36	
PERIOD		0.11844	ug/m^3	RES_063	979740.30	3742478.81	20.28	0.00	20.28	
PERIOD		0.11393	ug/m^3	RES_064	979740.30	3742498.81	20.42	0.00	20.42	
PERIOD		0.10922	ug/m^3	RES_065	979740.30	3742518.81	20.52	0.00	20.52	
PERIOD		0.10433	ug/m^3	RES_066	979740.30	3742538.81	20.61	0.00	20.61	
PERIOD		0.09935	ug/m^3	RES_067	979740.30	3742558.81	20.68	0.00	20.68	
PERIOD		0.09437	ug/m^3	RES_068	979740.30	3742578.81	20.70	0.00	20.70	
PERIOD		0.08943	ug/m^3	RES_069	979740.30	3742598.81	20.74	0.00	20.74	
PERIOD		0.08458	ug/m^3	RES_070	979740.30	3742618.81	20.80	0.00	20.80	
PERIOD		0.07983	ug/m^3	RES_071	979740.30	3742638.81	21.00	0.00	21.00	
PERIOD		0.07535	ug/m^3	RES_072	979740.30	3742658.81	21.11	0.00	21.11	
PERIOD		0.07117	ug/m^3	RES_073	979740.30	3742678.81	21.15	0.00	21.15	
PERIOD		0.06725	ug/m^3	RES_074	979740.30	3742698.81	21.19	0.00	21.19	
PERIOD		0.06357	ug/m^3	RES_075	979740.30	3742718.81	21.35	0.00	21.35	
PERIOD		0.06011	ug/m^3	RES_076	979740.30	3742738.81	21.67	0.00	21.67	
PERIOD		0.05708	ug/m^3	RES_077	979740.30	3742758.81	21.55	0.00	21.55	
PERIOD		0.05431	ug/m^3	RES_078	979740.30	3742778.81	21.39	0.00	21.39	
PERIOD		0.12633	ug/m^3	RES_079	979760.30	3742478.81	20.37	0.00	20.37	
PERIOD		0.12102	ug/m^3	RES_080	979760.30	3742498.81	20.44	0.00	20.44	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.11548	ug/m^3	RES_081	979760.30	3742518.81	20.54	0.00	20.54	
PERIOD		0.10982	ug/m^3	RES_082	979760.30	3742538.81	20.64	0.00	20.64	
PERIOD		0.10411	ug/m^3	RES_083	979760.30	3742558.81	20.74	0.00	20.74	
PERIOD		0.09848	ug/m^3	RES_084	979760.30	3742578.81	20.80	0.00	20.80	
PERIOD		0.09296	ug/m^3	RES_085	979760.30	3742598.81	20.87	0.00	20.87	
PERIOD		0.08762	ug/m^3	RES_086	979760.30	3742618.81	20.96	0.00	20.96	
PERIOD		0.08249	ug/m^3	RES_087	979760.30	3742638.81	21.15	0.00	21.15	
PERIOD		0.07770	ug/m^3	RES_088	979760.30	3742658.81	21.25	0.00	21.25	
PERIOD		0.07329	ug/m^3	RES_089	979760.30	3742678.81	21.25	0.00	21.25	
PERIOD		0.06915	ug/m^3	RES_090	979760.30	3742698.81	21.33	0.00	21.33	
PERIOD		0.06531	ug/m^3	RES_091	979760.30	3742718.81	21.49	0.00	21.49	
PERIOD		0.06176	ug/m^3	RES_092	979760.30	3742738.81	21.72	0.00	21.72	
PERIOD		0.05863	ug/m^3	RES_093	979760.30	3742758.81	21.61	0.00	21.61	
PERIOD		0.05579	ug/m^3	RES_094	979760.30	3742778.81	21.46	0.00	21.46	
PERIOD		0.13480	ug/m^3	RES_095	979780.30	3742478.81	20.44	0.00	20.44	
PERIOD		0.12851	ug/m^3	RES_096	979780.30	3742498.81	20.50	0.00	20.50	
PERIOD		0.12209	ug/m^3	RES_097	979780.30	3742518.81	20.56	0.00	20.56	
PERIOD		0.11556	ug/m^3	RES_098	979780.30	3742538.81	20.66	0.00	20.66	
PERIOD		0.10909	ug/m^3	RES_099	979780.30	3742558.81	20.77	0.00	20.77	
PERIOD		0.10278	ug/m^3	RES_100	979780.30	3742578.81	20.84	0.00	20.84	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.09665	ug/m^3	RES_101	979780.30	3742598.81	20.96	0.00	20.96	
PERIOD		0.09078	ug/m^3	RES_102	979780.30	3742618.81	21.13	0.00	21.13	
PERIOD		0.08525	ug/m^3	RES_103	979780.30	3742638.81	21.32	0.00	21.32	
PERIOD		0.08017	ug/m^3	RES_104	979780.30	3742658.81	21.40	0.00	21.40	
PERIOD		0.07553	ug/m^3	RES_105	979780.30	3742678.81	21.35	0.00	21.35	
PERIOD		0.07120	ug/m^3	RES_106	979780.30	3742698.81	21.44	0.00	21.44	
PERIOD		0.06722	ug/m^3	RES_107	979780.30	3742718.81	21.57	0.00	21.57	
PERIOD		0.06359	ug/m^3	RES_108	979780.30	3742738.81	21.71	0.00	21.71	
PERIOD		0.06036	ug/m^3	RES_109	979780.30	3742758.81	21.60	0.00	21.60	
PERIOD		0.05742	ug/m^3	RES_110	979780.30	3742778.81	21.48	0.00	21.48	
PERIOD		0.14384	ug/m^3	RES_111	979800.30	3742478.81	20.53	0.00	20.53	
PERIOD		0.13645	ug/m^3	RES_112	979800.30	3742498.81	20.59	0.00	20.59	
PERIOD		0.12901	ug/m^3	RES_113	979800.30	3742518.81	20.62	0.00	20.62	
PERIOD		0.12155	ug/m^3	RES_114	979800.30	3742538.81	20.73	0.00	20.73	
PERIOD		0.11418	ug/m^3	RES_115	979800.30	3742558.81	20.91	0.00	20.91	
PERIOD		0.10715	ug/m^3	RES_116	979800.30	3742578.81	21.00	0.00	21.00	
PERIOD		0.10044	ug/m^3	RES_117	979800.30	3742598.81	21.10	0.00	21.10	
PERIOD		0.09412	ug/m^3	RES_118	979800.30	3742618.81	21.22	0.00	21.22	
PERIOD		0.08820	ug/m^3	RES_119	979800.30	3742638.81	21.42	0.00	21.42	
PERIOD		0.08280	ug/m^3	RES_120	979800.30	3742658.81	21.51	0.00	21.51	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.07796	ug/m^3	RES_121	979800.30	3742678.81	21.41	0.00	21.41	
PERIOD		0.07345	ug/m^3	RES_122	979800.30	3742698.81	21.47	0.00	21.47	
PERIOD		0.06934	ug/m^3	RES_123	979800.30	3742718.81	21.56	0.00	21.56	
PERIOD		0.06560	ug/m^3	RES_124	979800.30	3742738.81	21.62	0.00	21.62	
PERIOD		0.06228	ug/m^3	RES_125	979800.30	3742758.81	21.50	0.00	21.50	
PERIOD		0.05925	ug/m^3	RES_126	979800.30	3742778.81	21.39	0.00	21.39	
PERIOD		0.15339	ug/m^3	RES_127	979820.30	3742478.81	20.72	0.00	20.72	
PERIOD		0.14475	ug/m^3	RES_128	979820.30	3742498.81	20.79	0.00	20.79	
PERIOD		0.13618	ug/m^3	RES_129	979820.30	3742518.81	20.81	0.00	20.81	
PERIOD		0.12772	ug/m^3	RES_130	979820.30	3742538.81	20.90	0.00	20.90	
PERIOD		0.11951	ug/m^3	RES_131	979820.30	3742558.81	21.04	0.00	21.04	
PERIOD		0.11177	ug/m^3	RES_132	979820.30	3742578.81	21.08	0.00	21.08	
PERIOD		0.10450	ug/m^3	RES_133	979820.30	3742598.81	21.14	0.00	21.14	
PERIOD		0.09770	ug/m^3	RES_134	979820.30	3742618.81	21.24	0.00	21.24	
PERIOD		0.09136	ug/m^3	RES_135	979820.30	3742638.81	21.47	0.00	21.47	
PERIOD		0.08566	ug/m^3	RES_136	979820.30	3742658.81	21.57	0.00	21.57	
PERIOD		0.08062	ug/m^3	RES_137	979820.30	3742678.81	21.38	0.00	21.38	
PERIOD		0.07596	ug/m^3	RES_138	979820.30	3742698.81	21.37	0.00	21.37	
PERIOD		0.07170	ug/m^3	RES_139	979820.30	3742718.81	21.41	0.00	21.41	
PERIOD		0.06785	ug/m^3	RES_140	979820.30	3742738.81	21.44	0.00	21.44	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.06443	ug/m^3	RES_141	979820.30	3742758.81	21.28	0.00	21.28	
PERIOD		0.06134	ug/m^3	RES_142	979820.30	3742778.81	21.08	0.00	21.08	
PERIOD		0.16348	ug/m^3	RES_143	979840.30	3742478.81	20.99	0.00	20.99	
PERIOD		0.15337	ug/m^3	RES_144	979840.30	3742498.81	21.12	0.00	21.12	
PERIOD		0.14357	ug/m^3	RES_145	979840.30	3742518.81	21.15	0.00	21.15	
PERIOD		0.13407	ug/m^3	RES_146	979840.30	3742538.81	21.18	0.00	21.18	
PERIOD		0.12506	ug/m^3	RES_147	979840.30	3742558.81	21.19	0.00	21.19	
PERIOD		0.11668	ug/m^3	RES_148	979840.30	3742578.81	21.11	0.00	21.11	
PERIOD		0.10886	ug/m^3	RES_149	979840.30	3742598.81	21.08	0.00	21.08	
PERIOD		0.10160	ug/m^3	RES_150	979840.30	3742618.81	21.14	0.00	21.14	
PERIOD		0.09493	ug/m^3	RES_151	979840.30	3742638.81	21.27	0.00	21.27	
PERIOD		0.08893	ug/m^3	RES_152	979840.30	3742658.81	21.32	0.00	21.32	
PERIOD		0.08364	ug/m^3	RES_153	979840.30	3742678.81	21.15	0.00	21.15	
PERIOD		0.07876	ug/m^3	RES_154	979840.30	3742698.81	21.15	0.00	21.15	
PERIOD		0.07433	ug/m^3	RES_155	979840.30	3742718.81	21.20	0.00	21.20	
PERIOD		0.07035	ug/m^3	RES_156	979840.30	3742738.81	21.19	0.00	21.19	
PERIOD		0.06680	ug/m^3	RES_157	979840.30	3742758.81	21.07	0.00	21.07	
PERIOD		0.06359	ug/m^3	RES_158	979840.30	3742778.81	20.91	0.00	20.91	
PERIOD		0.17448	ug/m^3	RES_159	979860.30	3742478.81	21.09	0.00	21.09	
PERIOD		0.16270	ug/m^3	RES_160	979860.30	3742498.81	21.28	0.00	21.28	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.15136	ug/m^3	RES_161	979860.30	3742518.81	21.44	0.00	21.44	
PERIOD		0.14067	ug/m^3	RES_162	979860.30	3742538.81	21.51	0.00	21.51	
PERIOD		0.13082	ug/m^3	RES_163	979860.30	3742558.81	21.42	0.00	21.42	
PERIOD		0.12183	ug/m^3	RES_164	979860.30	3742578.81	21.18	0.00	21.18	
PERIOD		0.11356	ug/m^3	RES_165	979860.30	3742598.81	20.98	0.00	20.98	
PERIOD		0.10586	ug/m^3	RES_166	979860.30	3742618.81	20.95	0.00	20.95	
PERIOD		0.09888	ug/m^3	RES_167	979860.30	3742638.81	20.95	0.00	20.95	
PERIOD		0.09258	ug/m^3	RES_168	979860.30	3742658.81	20.95	0.00	20.95	
PERIOD		0.08694	ug/m^3	RES_169	979860.30	3742678.81	20.92	0.00	20.92	
PERIOD		0.08182	ug/m^3	RES_170	979860.30	3742698.81	20.98	0.00	20.98	
PERIOD		0.07720	ug/m^3	RES_171	979860.30	3742718.81	21.06	0.00	21.06	
PERIOD		0.07310	ug/m^3	RES_172	979860.30	3742738.81	21.00	0.00	21.00	
PERIOD		0.06939	ug/m^3	RES_173	979860.30	3742758.81	20.91	0.00	20.91	
PERIOD		0.06604	ug/m^3	RES_174	979860.30	3742778.81	20.80	0.00	20.80	
PERIOD		0.20053	ug/m^3	RES_175	979880.30	3742458.81	20.87	0.00	20.87	
PERIOD		0.18633	ug/m^3	RES_176	979880.30	3742478.81	21.14	0.00	21.14	
PERIOD		0.17272	ug/m^3	RES_177	979880.30	3742498.81	21.35	0.00	21.35	
PERIOD		0.15985	ug/m^3	RES_178	979880.30	3742518.81	21.52	0.00	21.52	
PERIOD		0.14791	ug/m^3	RES_179	979880.30	3742538.81	21.61	0.00	21.61	
PERIOD		0.13703	ug/m^3	RES_180	979880.30	3742558.81	21.56	0.00	21.56	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.12733	ug/m^3	RES_181	979880.30	3742578.81	21.27	0.00	21.27	
PERIOD		0.11847	ug/m^3	RES_182	979880.30	3742598.81	21.04	0.00	21.04	
PERIOD		0.11017	ug/m^3	RES_183	979880.30	3742618.81	21.14	0.00	21.14	
PERIOD		0.10278	ug/m^3	RES_184	979880.30	3742638.81	21.17	0.00	21.17	
PERIOD		0.09621	ug/m^3	RES_185	979880.30	3742658.81	21.16	0.00	21.16	
PERIOD		0.09039	ug/m^3	RES_186	979880.30	3742678.81	21.04	0.00	21.04	
PERIOD		0.08509	ug/m^3	RES_187	979880.30	3742698.81	21.05	0.00	21.05	
PERIOD		0.08029	ug/m^3	RES_188	979880.30	3742718.81	21.11	0.00	21.11	
PERIOD		0.07607	ug/m^3	RES_189	979880.30	3742738.81	20.96	0.00	20.96	
PERIOD		0.07224	ug/m^3	RES_190	979880.30	3742758.81	20.81	0.00	20.81	
PERIOD		0.21567	ug/m^3	RES_191	979900.30	3742458.81	20.86	0.00	20.86	
PERIOD		0.19918	ug/m^3	RES_192	979900.30	3742478.81	21.10	0.00	21.10	
PERIOD		0.18361	ug/m^3	RES_193	979900.30	3742498.81	21.29	0.00	21.29	
PERIOD		0.16908	ug/m^3	RES_194	979900.30	3742518.81	21.47	0.00	21.47	
PERIOD		0.15581	ug/m^3	RES_195	979900.30	3742538.81	21.58	0.00	21.58	
PERIOD		0.14386	ug/m^3	RES_196	979900.30	3742558.81	21.58	0.00	21.58	
PERIOD		0.13332	ug/m^3	RES_197	979900.30	3742578.81	21.34	0.00	21.34	
PERIOD		0.12380	ug/m^3	RES_198	979900.30	3742598.81	21.13	0.00	21.13	
PERIOD		0.11498	ug/m^3	RES_199	979900.30	3742618.81	21.26	0.00	21.26	
PERIOD		0.10719	ug/m^3	RES_200	979900.30	3742638.81	21.32	0.00	21.32	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.10031	ug/m^3	RES_201	979900.30	3742658.81	21.32	0.00	21.32	
PERIOD		0.09424	ug/m^3	RES_202	979900.30	3742678.81	21.20	0.00	21.20	
PERIOD		0.08870	ug/m^3	RES_203	979900.30	3742698.81	21.23	0.00	21.23	
PERIOD		0.08366	ug/m^3	RES_204	979900.30	3742718.81	21.34	0.00	21.34	
PERIOD		0.07929	ug/m^3	RES_205	979900.30	3742738.81	21.12	0.00	21.12	
PERIOD		0.07537	ug/m^3	RES_206	979900.30	3742758.81	20.80	0.00	20.80	
PERIOD		0.23225	ug/m^3	RES_207	979920.30	3742458.81	20.79	0.00	20.79	
PERIOD		0.21325	ug/m^3	RES_208	979920.30	3742478.81	20.98	0.00	20.98	
PERIOD		0.19549	ug/m^3	RES_209	979920.30	3742498.81	21.17	0.00	21.17	
PERIOD		0.17918	ug/m^3	RES_210	979920.30	3742518.81	21.36	0.00	21.36	
PERIOD		0.16445	ug/m^3	RES_211	979920.30	3742538.81	21.52	0.00	21.52	
PERIOD		0.15141	ug/m^3	RES_212	979920.30	3742558.81	21.53	0.00	21.53	
PERIOD		0.13999	ug/m^3	RES_213	979920.30	3742578.81	21.34	0.00	21.34	
PERIOD		0.12982	ug/m^3	RES_214	979920.30	3742598.81	21.16	0.00	21.16	
PERIOD		0.12042	ug/m^3	RES_215	979920.30	3742618.81	21.36	0.00	21.36	
PERIOD		0.11222	ug/m^3	RES_216	979920.30	3742638.81	21.43	0.00	21.43	
PERIOD		0.10502	ug/m^3	RES_217	979920.30	3742658.81	21.41	0.00	21.41	
PERIOD		0.09863	ug/m^3	RES_218	979920.30	3742678.81	21.33	0.00	21.33	
PERIOD		0.09281	ug/m^3	RES_219	979920.30	3742698.81	21.37	0.00	21.37	
PERIOD		0.08750	ug/m^3	RES_220	979920.30	3742718.81	21.50	0.00	21.50	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.08294	ug/m^3	RES_221	979920.30	3742738.81	21.21	0.00	21.21	
PERIOD		0.07876	ug/m^3	RES_222	979920.30	3742758.81	20.94	0.00	20.94	
PERIOD		0.25054	ug/m^3	RES_223	979940.30	3742458.81	20.69	0.00	20.69	
PERIOD		0.22863	ug/m^3	RES_224	979940.30	3742478.81	20.87	0.00	20.87	
PERIOD		0.20846	ug/m^3	RES_225	979940.30	3742498.81	21.09	0.00	21.09	
PERIOD		0.19015	ug/m^3	RES_226	979940.30	3742518.81	21.34	0.00	21.34	
PERIOD		0.17393	ug/m^3	RES_227	979940.30	3742538.81	21.51	0.00	21.51	
PERIOD		0.15993	ug/m^3	RES_228	979940.30	3742558.81	21.42	0.00	21.42	
PERIOD		0.14766	ug/m^3	RES_229	979940.30	3742578.81	21.26	0.00	21.26	
PERIOD		0.13682	ug/m^3	RES_230	979940.30	3742598.81	21.12	0.00	21.12	
PERIOD		0.12679	ug/m^3	RES_231	979940.30	3742618.81	21.38	0.00	21.38	
PERIOD		0.11810	ug/m^3	RES_232	979940.30	3742638.81	21.47	0.00	21.47	
PERIOD		0.11051	ug/m^3	RES_233	979940.30	3742658.81	21.42	0.00	21.42	
PERIOD		0.10371	ug/m^3	RES_234	979940.30	3742678.81	21.39	0.00	21.39	
PERIOD		0.09754	ug/m^3	RES_235	979940.30	3742698.81	21.43	0.00	21.43	
PERIOD		0.09191	ug/m^3	RES_236	979940.30	3742718.81	21.54	0.00	21.54	
PERIOD		0.08708	ug/m^3	RES_237	979940.30	3742738.81	21.21	0.00	21.21	
PERIOD		0.08262	ug/m^3	RES_238	979940.30	3742758.81	20.96	0.00	20.96	
PERIOD		0.27112	ug/m^3	RES_239	979960.30	3742458.81	20.56	0.00	20.56	
PERIOD		0.24595	ug/m^3	RES_240	979960.30	3742478.81	20.73	0.00	20.73	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.22313	ug/m^3	RES_241	979960.30	3742498.81	20.96	0.00	20.96	
PERIOD		0.20277	ug/m^3	RES_242	979960.30	3742518.81	21.20	0.00	21.20	
PERIOD		0.18497	ug/m^3	RES_243	979960.30	3742538.81	21.38	0.00	21.38	
PERIOD		0.16992	ug/m^3	RES_244	979960.30	3742558.81	21.25	0.00	21.25	
PERIOD		0.15675	ug/m^3	RES_245	979960.30	3742578.81	21.11	0.00	21.11	
PERIOD		0.14513	ug/m^3	RES_246	979960.30	3742598.81	21.00	0.00	21.00	
PERIOD		0.13437	ug/m^3	RES_247	979960.30	3742618.81	21.29	0.00	21.29	
PERIOD		0.12508	ug/m^3	RES_248	979960.30	3742638.81	21.40	0.00	21.40	
PERIOD		0.11697	ug/m^3	RES_249	979960.30	3742658.81	21.34	0.00	21.34	
PERIOD		0.10964	ug/m^3	RES_250	979960.30	3742678.81	21.35	0.00	21.35	
PERIOD		0.10302	ug/m^3	RES_251	979960.30	3742698.81	21.38	0.00	21.38	
PERIOD		0.09699	ug/m^3	RES_252	979960.30	3742718.81	21.45	0.00	21.45	
PERIOD		0.09180	ug/m^3	RES_253	979960.30	3742738.81	21.12	0.00	21.12	
PERIOD		0.08702	ug/m^3	RES_254	979960.30	3742758.81	20.84	0.00	20.84	
PERIOD		0.29492	ug/m^3	RES_255	979980.30	3742458.81	20.41	0.00	20.41	
PERIOD		0.26605	ug/m^3	RES_256	979980.30	3742478.81	20.57	0.00	20.57	
PERIOD		0.24029	ug/m^3	RES_257	979980.30	3742498.81	20.78	0.00	20.78	
PERIOD		0.21778	ug/m^3	RES_258	979980.30	3742518.81	20.98	0.00	20.98	
PERIOD		0.19836	ug/m^3	RES_259	979980.30	3742538.81	21.14	0.00	21.14	
PERIOD		0.18196	ug/m^3	RES_260	979980.30	3742558.81	21.05	0.00	21.05	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.16769	ug/m^3	RES_261	979980.30	3742578.81	20.93	0.00	20.93	
PERIOD		0.15518	ug/m^3	RES_262	979980.30	3742598.81	20.80	0.00	20.80	
PERIOD		0.14355	ug/m^3	RES_263	979980.30	3742618.81	21.07	0.00	21.07	
PERIOD		0.13347	ug/m^3	RES_264	979980.30	3742638.81	21.17	0.00	21.17	
PERIOD		0.12466	ug/m^3	RES_265	979980.30	3742658.81	21.11	0.00	21.11	
PERIOD		0.11665	ug/m^3	RES_266	979980.30	3742678.81	21.15	0.00	21.15	
PERIOD		0.10941	ug/m^3	RES_267	979980.30	3742698.81	21.21	0.00	21.21	
PERIOD		0.10285	ug/m^3	RES_268	979980.30	3742718.81	21.27	0.00	21.27	
PERIOD		0.09722	ug/m^3	RES_269	979980.30	3742738.81	20.91	0.00	20.91	
PERIOD		0.09204	ug/m^3	RES_270	979980.30	3742758.81	20.58	0.00	20.58	
PERIOD		0.32383	ug/m^3	RES_271	980000.30	3742458.81	20.18	0.00	20.18	
PERIOD		0.29048	ug/m^3	RES_272	980000.30	3742478.81	20.34	0.00	20.34	
PERIOD		0.26152	ug/m^3	RES_273	980000.30	3742498.81	20.51	0.00	20.51	
PERIOD		0.23649	ug/m^3	RES_274	980000.30	3742518.81	20.69	0.00	20.69	
PERIOD		0.21494	ug/m^3	RES_275	980000.30	3742538.81	20.86	0.00	20.86	
PERIOD		0.19683	ug/m^3	RES_276	980000.30	3742558.81	20.80	0.00	20.80	
PERIOD		0.18108	ug/m^3	RES_277	980000.30	3742578.81	20.71	0.00	20.71	
PERIOD		0.16728	ug/m^3	RES_278	980000.30	3742598.81	20.61	0.00	20.61	
PERIOD		0.15453	ug/m^3	RES_279	980000.30	3742618.81	20.84	0.00	20.84	
PERIOD		0.14349	ug/m^3	RES_280	980000.30	3742638.81	20.89	0.00	20.89	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.13394	ug/m^3	RES_281	980000.30	3742658.81	20.70	0.00	20.70	
PERIOD		0.12501	ug/m^3	RES_282	980000.30	3742678.81	20.78	0.00	20.78	
PERIOD		0.11694	ug/m^3	RES_283	980000.30	3742698.81	20.88	0.00	20.88	
PERIOD		0.10966	ug/m^3	RES_284	980000.30	3742718.81	20.97	0.00	20.97	
PERIOD		0.10337	ug/m^3	RES_285	980000.30	3742738.81	20.73	0.00	20.73	
PERIOD		0.09762	ug/m^3	RES_286	980000.30	3742758.81	20.49	0.00	20.49	
PERIOD		0.26049	ug/m^3	RES_287	980020.30	3742518.81	20.33	0.00	20.33	
PERIOD		0.23599	ug/m^3	RES_288	980020.30	3742538.81	20.52	0.00	20.52	
PERIOD		0.21553	ug/m^3	RES_289	980020.30	3742558.81	20.48	0.00	20.48	
PERIOD		0.19771	ug/m^3	RES_290	980020.30	3742578.81	20.43	0.00	20.43	
PERIOD		0.18206	ug/m^3	RES_291	980020.30	3742598.81	20.40	0.00	20.40	
PERIOD		0.16781	ug/m^3	RES_292	980020.30	3742618.81	20.58	0.00	20.58	
PERIOD		0.15544	ug/m^3	RES_293	980020.30	3742638.81	20.61	0.00	20.61	
PERIOD		0.14480	ug/m^3	RES_294	980020.30	3742658.81	20.38	0.00	20.38	
PERIOD		0.13473	ug/m^3	RES_295	980020.30	3742678.81	20.49	0.00	20.49	
PERIOD		0.12563	ug/m^3	RES_296	980020.30	3742698.81	20.65	0.00	20.65	
PERIOD		0.11750	ug/m^3	RES_297	980020.30	3742718.81	20.75	0.00	20.75	
PERIOD		0.11042	ug/m^3	RES_298	980020.30	3742738.81	20.61	0.00	20.61	
PERIOD		0.10397	ug/m^3	RES_299	980020.30	3742758.81	20.47	0.00	20.47	
PERIOD		0.16978	ug/m^3	RES_300	980040.30	3742638.81	20.36	0.00	20.36	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.15752	ug/m^3	RES_301	980040.30	3742658.81	20.23	0.00	20.23	
PERIOD		0.14609	ug/m^3	RES_302	980040.30	3742678.81	20.34	0.00	20.34	
PERIOD		0.13584	ug/m^3	RES_303	980040.30	3742698.81	20.47	0.00	20.47	
PERIOD		0.12672	ug/m^3	RES_304	980040.30	3742718.81	20.54	0.00	20.54	
PERIOD		0.11870	ug/m^3	RES_305	980040.30	3742738.81	20.47	0.00	20.47	
PERIOD		0.48710	ug/m^3	RES_306	980047.32	3742438.94	19.50	0.00	19.50	
PERIOD		0.42976	ug/m^3	RES_307	980047.32	3742458.94	19.54	0.00	19.54	
PERIOD		0.38095	ug/m^3	RES_308	980047.32	3742478.94	19.63	0.00	19.63	
PERIOD		0.33969	ug/m^3	RES_309	980047.32	3742498.94	19.73	0.00	19.73	
PERIOD		0.30463	ug/m^3	RES_310	980047.32	3742518.94	19.83	0.00	19.83	
PERIOD		0.27468	ug/m^3	RES_311	980047.32	3742538.94	19.93	0.00	19.93	
PERIOD		0.65421	ug/m^3	RES_312	980067.32	3742418.94	19.54	0.00	19.54	
PERIOD		0.56824	ug/m^3	RES_313	980067.32	3742438.94	19.61	0.00	19.61	
PERIOD		0.49741	ug/m^3	RES_314	980067.32	3742458.94	19.66	0.00	19.66	
PERIOD		0.43887	ug/m^3	RES_315	980067.32	3742478.94	19.67	0.00	19.67	
PERIOD		0.38896	ug/m^3	RES_316	980067.32	3742498.94	19.74	0.00	19.74	
PERIOD		0.34696	ug/m^3	RES_317	980067.32	3742518.94	19.80	0.00	19.80	
PERIOD		0.31142	ug/m^3	RES_318	980067.32	3742538.94	19.83	0.00	19.83	
PERIOD		0.28122	ug/m^3	RES_319	980067.32	3742558.94	19.82	0.00	19.82	
PERIOD		0.25494	ug/m^3	RES_320	980067.32	3742578.94	19.83	0.00	19.83	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.79106	ug/m^3	RES_321	980087.32	3742418.94	19.57	0.00	19.57	
PERIOD		0.67661	ug/m^3	RES_322	980087.32	3742438.94	19.76	0.00	19.76	
PERIOD		0.58592	ug/m^3	RES_323	980087.32	3742458.94	19.86	0.00	19.86	
PERIOD		0.51319	ug/m^3	RES_324	980087.32	3742478.94	19.84	0.00	19.84	
PERIOD		0.45119	ug/m^3	RES_325	980087.32	3742498.94	19.90	0.00	19.90	
PERIOD		0.39966	ug/m^3	RES_326	980087.32	3742518.94	19.93	0.00	19.93	
PERIOD		0.35662	ug/m^3	RES_327	980087.32	3742538.94	19.90	0.00	19.90	
PERIOD		0.31987	ug/m^3	RES_328	980087.32	3742558.94	19.87	0.00	19.87	
PERIOD		0.28814	ug/m^3	RES_329	980087.32	3742578.94	19.87	0.00	19.87	
PERIOD		1.16344	ug/m^3	RES_330	980107.32	3742398.94	19.38	0.00	19.38	
PERIOD		0.97529	ug/m^3	RES_331	980107.32	3742418.94	19.62	0.00	19.62	
PERIOD		0.82375	ug/m^3	RES_332	980107.32	3742438.94	19.87	0.00	19.87	
PERIOD		0.70398	ug/m^3	RES_333	980107.32	3742458.94	20.01	0.00	20.01	
PERIOD		0.60861	ug/m^3	RES_334	980107.32	3742478.94	20.03	0.00	20.03	
PERIOD		0.52959	ug/m^3	RES_335	980107.32	3742498.94	20.07	0.00	20.07	
PERIOD		0.46471	ug/m^3	RES_336	980107.32	3742518.94	20.08	0.00	20.08	
PERIOD		0.41100	ug/m^3	RES_337	980107.32	3742538.94	20.05	0.00	20.05	
PERIOD		0.36594	ug/m^3	RES_338	980107.32	3742558.94	20.01	0.00	20.01	
PERIOD		0.32767	ug/m^3	RES_339	980107.32	3742578.94	19.98	0.00	19.98	
PERIOD		1.40125	ug/m^3	RES_340	980127.32	3742398.94	19.43	0.00	19.43	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.20252	ug/m^3	RES_341	980127.32	3742418.94	19.68	0.00	19.68	
PERIOD		1.01940	ug/m^3	RES_342	980127.32	3742438.94	19.89	0.00	19.89	
PERIOD		0.85541	ug/m^3	RES_343	980127.32	3742458.94	20.05	0.00	20.05	
PERIOD		0.72608	ug/m^3	RES_344	980127.32	3742478.94	20.16	0.00	20.16	
PERIOD		0.62460	ug/m^3	RES_345	980127.32	3742498.94	20.20	0.00	20.20	
PERIOD		0.54292	ug/m^3	RES_346	980127.32	3742518.94	20.21	0.00	20.21	
PERIOD		0.47608	ug/m^3	RES_347	980127.32	3742538.94	20.20	0.00	20.20	
PERIOD		0.42085	ug/m^3	RES_348	980127.32	3742558.94	20.17	0.00	20.17	
PERIOD		0.37448	ug/m^3	RES_349	980127.32	3742578.94	20.15	0.00	20.15	
PERIOD		0.33524	ug/m^3	RES_350	980127.32	3742598.94	20.14	0.00	20.14	
PERIOD		2.04607	ug/m^3	RES_351	980147.32	3742378.94	19.27	0.00	19.27	
PERIOD		1.70685	ug/m^3	RES_352	980147.32	3742398.94	19.54	0.00	19.54	
PERIOD		1.46911	ug/m^3	RES_353	980147.32	3742418.94	19.69	0.00	19.69	
PERIOD		1.25604	ug/m^3	RES_354	980147.32	3742438.94	19.83	0.00	19.83	
PERIOD		1.03828	ug/m^3	RES_355	980147.32	3742458.94	19.97	0.00	19.97	
PERIOD		0.86924	ug/m^3	RES_356	980147.32	3742478.94	20.13	0.00	20.13	
PERIOD		0.73902	ug/m^3	RES_357	980147.32	3742498.94	20.24	0.00	20.24	
PERIOD		0.63613	ug/m^3	RES_358	980147.32	3742518.94	20.31	0.00	20.31	
PERIOD		0.55402	ug/m^3	RES_359	980147.32	3742538.94	20.30	0.00	20.30	
PERIOD		0.48637	ug/m^3	RES_360	980147.32	3742558.94	20.31	0.00	20.31	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.43020	ug/m^3	RES_361	980147.32	3742578.94	20.32	0.00	20.32	
PERIOD		0.38301	ug/m^3	RES_362	980147.32	3742598.94	20.34	0.00	20.34	
PERIOD		0.34264	ug/m^3	RES_363	980147.32	3742618.94	20.43	0.00	20.43	
PERIOD		2.64504	ug/m^3	RES_364	980167.32	3742378.94	19.31	0.00	19.31	
PERIOD		2.18195	ug/m^3	RES_365	980167.32	3742398.94	19.53	0.00	19.53	
PERIOD		1.82263	ug/m^3	RES_366	980167.32	3742418.94	19.73	0.00	19.73	
PERIOD		1.52171	ug/m^3	RES_367	980167.32	3742438.94	19.87	0.00	19.87	
PERIOD		1.24687	ug/m^3	RES_368	980167.32	3742458.94	20.01	0.00	20.01	
PERIOD		1.03462	ug/m^3	RES_369	980167.32	3742478.94	20.19	0.00	20.19	
PERIOD		0.87358	ug/m^3	RES_370	980167.32	3742498.94	20.29	0.00	20.29	
PERIOD		0.74798	ug/m^3	RES_371	980167.32	3742518.94	20.33	0.00	20.33	
PERIOD		0.64709	ug/m^3	RES_372	980167.32	3742538.94	20.36	0.00	20.36	
PERIOD		0.56542	ug/m^3	RES_373	980167.32	3742558.94	20.34	0.00	20.34	
PERIOD		0.49823	ug/m^3	RES_374	980167.32	3742578.94	20.29	0.00	20.29	
PERIOD		0.44143	ug/m^3	RES_375	980167.32	3742598.94	20.31	0.00	20.31	
PERIOD		0.39285	ug/m^3	RES_376	980167.32	3742618.94	20.43	0.00	20.43	
PERIOD		0.35122	ug/m^3	RES_377	980167.32	3742638.94	20.62	0.00	20.62	
PERIOD		0.31576	ug/m^3	RES_378	980167.32	3742658.94	20.80	0.00	20.80	
PERIOD		4.42189	ug/m^3	RES_379	980187.32	3742358.94	19.11	0.00	19.11	
PERIOD		3.50382	ug/m^3	RES_380	980187.32	3742378.94	19.26	0.00	19.26	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.82963	ug/m^3	RES_381	980187.32	3742398.94	19.43	0.00	19.43	
PERIOD		2.27476	ug/m^3	RES_382	980187.32	3742418.94	19.67	0.00	19.67	
PERIOD		1.82967	ug/m^3	RES_383	980187.32	3742438.94	19.85	0.00	19.85	
PERIOD		1.48592	ug/m^3	RES_384	980187.32	3742458.94	20.02	0.00	20.02	
PERIOD		1.22860	ug/m^3	RES_385	980187.32	3742478.94	20.17	0.00	20.17	
PERIOD		1.03350	ug/m^3	RES_386	980187.32	3742498.94	20.22	0.00	20.22	
PERIOD		0.88108	ug/m^3	RES_387	980187.32	3742518.94	20.22	0.00	20.22	
PERIOD		0.75847	ug/m^3	RES_388	980187.32	3742538.94	20.25	0.00	20.25	
PERIOD		0.65876	ug/m^3	RES_389	980187.32	3742558.94	20.29	0.00	20.29	
PERIOD		0.57648	ug/m^3	RES_390	980187.32	3742578.94	20.36	0.00	20.36	
PERIOD		0.50802	ug/m^3	RES_391	980187.32	3742598.94	20.44	0.00	20.44	
PERIOD		0.44989	ug/m^3	RES_392	980187.32	3742618.94	20.61	0.00	20.61	
PERIOD		0.40030	ug/m^3	RES_393	980187.32	3742638.94	20.86	0.00	20.86	
PERIOD		0.35916	ug/m^3	RES_394	980187.32	3742658.94	20.93	0.00	20.93	
PERIOD		0.32429	ug/m^3	RES_395	980187.32	3742678.94	20.90	0.00	20.90	
PERIOD		7.83466	ug/m^3	RES_396	980207.32	3742338.94	18.87	0.00	18.87	
PERIOD		5.46348	ug/m^3	RES_397	980207.32	3742358.94	19.03	0.00	19.03	
PERIOD		4.34648	ug/m^3	RES_398	980207.32	3742378.94	19.15	0.00	19.15	
PERIOD		3.44362	ug/m^3	RES_399	980207.32	3742398.94	19.30	0.00	19.30	
PERIOD		2.69440	ug/m^3	RES_400	980207.32	3742418.94	19.53	0.00	19.53	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.14572	ug/m^3	RES_401	980207.32	3742438.94	19.78	0.00	19.78	
PERIOD		1.74141	ug/m^3	RES_402	980207.32	3742458.94	20.00	0.00	20.00	
PERIOD		1.44068	ug/m^3	RES_403	980207.32	3742478.94	20.08	0.00	20.08	
PERIOD		1.20989	ug/m^3	RES_404	980207.32	3742498.94	20.10	0.00	20.10	
PERIOD		1.02878	ug/m^3	RES_405	980207.32	3742518.94	20.08	0.00	20.08	
PERIOD		0.88298	ug/m^3	RES_406	980207.32	3742538.94	20.10	0.00	20.10	
PERIOD		0.76356	ug/m^3	RES_407	980207.32	3742558.94	20.20	0.00	20.20	
PERIOD		0.66479	ug/m^3	RES_408	980207.32	3742578.94	20.37	0.00	20.37	
PERIOD		0.58265	ug/m^3	RES_409	980207.32	3742598.94	20.58	0.00	20.58	
PERIOD		0.51406	ug/m^3	RES_410	980207.32	3742618.94	20.79	0.00	20.79	
PERIOD		0.45650	ug/m^3	RES_411	980207.32	3742638.94	20.97	0.00	20.97	
PERIOD		0.40897	ug/m^3	RES_412	980207.32	3742658.94	20.92	0.00	20.92	
PERIOD		0.36807	ug/m^3	RES_413	980207.32	3742678.94	20.88	0.00	20.88	
PERIOD		0.33231	ug/m^3	RES_414	980207.32	3742698.94	20.93	0.00	20.93	
PERIOD		7.92018	ug/m^3	RES_415	980227.32	3742338.94	18.91	0.00	18.91	
PERIOD		5.93015	ug/m^3	RES_416	980227.32	3742358.94	18.95	0.00	18.95	
PERIOD		4.78271	ug/m^3	RES_417	980227.32	3742378.94	19.13	0.00	19.13	
PERIOD		3.75026	ug/m^3	RES_418	980227.32	3742398.94	19.35	0.00	19.35	
PERIOD		2.98760	ug/m^3	RES_419	980227.32	3742418.94	19.53	0.00	19.53	
PERIOD		2.41381	ug/m^3	RES_420	980227.32	3742438.94	19.76	0.00	19.76	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.97683	ug/m^3	RES_421	980227.32	3742458.94	19.98	0.00	19.98	
PERIOD		1.64600	ug/m^3	RES_422	980227.32	3742478.94	19.98	0.00	19.98	
PERIOD		1.38601	ug/m^3	RES_423	980227.32	3742498.94	19.98	0.00	19.98	
PERIOD		1.17915	ug/m^3	RES_424	980227.32	3742518.94	19.97	0.00	19.97	
PERIOD		1.01185	ug/m^3	RES_425	980227.32	3742538.94	19.99	0.00	19.99	
PERIOD		0.87377	ug/m^3	RES_426	980227.32	3742558.94	20.12	0.00	20.12	
PERIOD		0.75890	ug/m^3	RES_427	980227.32	3742578.94	20.36	0.00	20.36	
PERIOD		0.66317	ug/m^3	RES_428	980227.32	3742598.94	20.66	0.00	20.66	
PERIOD		0.58399	ug/m^3	RES_429	980227.32	3742618.94	20.88	0.00	20.88	
PERIOD		0.51829	ug/m^3	RES_430	980227.32	3742638.94	20.96	0.00	20.96	
PERIOD		0.46332	ug/m^3	RES_431	980227.32	3742658.94	20.89	0.00	20.89	
PERIOD		0.41579	ug/m^3	RES_432	980227.32	3742678.94	20.88	0.00	20.88	
PERIOD		0.37395	ug/m^3	RES_433	980227.32	3742698.94	21.04	0.00	21.04	
PERIOD		0.33809	ug/m^3	RES_434	980227.32	3742718.94	21.12	0.00	21.12	
PERIOD		0.30687	ug/m^3	RES_435	980227.32	3742738.94	21.20	0.00	21.20	
PERIOD		9.54732	ug/m^3	RES_436	980247.32	3742318.94	18.81	0.00	18.81	
PERIOD		7.37602	ug/m^3	RES_437	980247.32	3742338.94	18.91	0.00	18.91	
PERIOD		5.87245	ug/m^3	RES_438	980247.32	3742358.94	19.02	0.00	19.02	
PERIOD		4.73547	ug/m^3	RES_439	980247.32	3742378.94	19.18	0.00	19.18	
PERIOD		3.84585	ug/m^3	RES_440	980247.32	3742398.94	19.35	0.00	19.35	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.14491	ug/m^3	RES_441	980247.32	3742418.94	19.55	0.00	19.55	
PERIOD		2.59156	ug/m^3	RES_442	980247.32	3742438.94	19.78	0.00	19.78	
PERIOD		2.15440	ug/m^3	RES_443	980247.32	3742458.94	19.99	0.00	19.99	
PERIOD		1.81214	ug/m^3	RES_444	980247.32	3742478.94	19.99	0.00	19.99	
PERIOD		1.53795	ug/m^3	RES_445	980247.32	3742498.94	19.95	0.00	19.95	
PERIOD		1.31609	ug/m^3	RES_446	980247.32	3742518.94	19.89	0.00	19.89	
PERIOD		1.13197	ug/m^3	RES_447	980247.32	3742538.94	19.98	0.00	19.98	
PERIOD		0.97921	ug/m^3	RES_448	980247.32	3742558.94	20.15	0.00	20.15	
PERIOD		0.85142	ug/m^3	RES_449	980247.32	3742578.94	20.42	0.00	20.42	
PERIOD		0.74536	ug/m^3	RES_450	980247.32	3742598.94	20.65	0.00	20.65	
PERIOD		0.65711	ug/m^3	RES_451	980247.32	3742618.94	20.79	0.00	20.79	
PERIOD		0.58319	ug/m^3	RES_452	980247.32	3742638.94	20.82	0.00	20.82	
PERIOD		0.52016	ug/m^3	RES_453	980247.32	3742658.94	20.84	0.00	20.84	
PERIOD		0.46581	ug/m^3	RES_454	980247.32	3742678.94	20.90	0.00	20.90	
PERIOD		0.41857	ug/m^3	RES_455	980247.32	3742698.94	21.03	0.00	21.03	
PERIOD		0.37774	ug/m^3	RES_456	980247.32	3742718.94	21.14	0.00	21.14	
PERIOD		0.34213	ug/m^3	RES_457	980247.32	3742738.94	21.26	0.00	21.26	
PERIOD		0.31104	ug/m^3	RES_458	980247.32	3742758.94	21.37	0.00	21.37	
PERIOD		10.47128	ug/m^3	RES_459	980267.32	3742298.94	18.83	0.00	18.83	
PERIOD		8.30760	ug/m^3	RES_460	980267.32	3742318.94	18.86	0.00	18.86	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		6.68444	ug/m^3	RES_461	980267.32	3742338.94	18.88	0.00	18.88	
PERIOD		5.46767	ug/m^3	RES_462	980267.32	3742358.94	19.08	0.00	19.08	
PERIOD		4.53058	ug/m^3	RES_463	980267.32	3742378.94	19.23	0.00	19.23	
PERIOD		3.78031	ug/m^3	RES_464	980267.32	3742398.94	19.36	0.00	19.36	
PERIOD		3.16817	ug/m^3	RES_465	980267.32	3742418.94	19.54	0.00	19.54	
PERIOD		2.66736	ug/m^3	RES_466	980267.32	3742438.94	19.74	0.00	19.74	
PERIOD		2.25714	ug/m^3	RES_467	980267.32	3742458.94	19.93	0.00	19.93	
PERIOD		1.92456	ug/m^3	RES_468	980267.32	3742478.94	19.93	0.00	19.93	
PERIOD		1.65034	ug/m^3	RES_469	980267.32	3742498.94	19.92	0.00	19.92	
PERIOD		1.42338	ug/m^3	RES_470	980267.32	3742518.94	19.90	0.00	19.90	
PERIOD		1.23252	ug/m^3	RES_471	980267.32	3742538.94	20.00	0.00	20.00	
PERIOD		1.07217	ug/m^3	RES_472	980267.32	3742558.94	20.16	0.00	20.16	
PERIOD		0.93647	ug/m^3	RES_473	980267.32	3742578.94	20.41	0.00	20.41	
PERIOD		0.82380	ug/m^3	RES_474	980267.32	3742598.94	20.50	0.00	20.50	
PERIOD		0.72854	ug/m^3	RES_475	980267.32	3742618.94	20.55	0.00	20.55	
PERIOD		0.64745	ug/m^3	RES_476	980267.32	3742638.94	20.57	0.00	20.57	
PERIOD		0.57680	ug/m^3	RES_477	980267.32	3742658.94	20.74	0.00	20.74	
PERIOD		0.51603	ug/m^3	RES_478	980267.32	3742678.94	20.91	0.00	20.91	
PERIOD		0.46445	ug/m^3	RES_479	980267.32	3742698.94	20.90	0.00	20.90	
PERIOD		0.41870	ug/m^3	RES_480	980267.32	3742718.94	21.07	0.00	21.07	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.37857	ug/m^3	RES_481	980267.32	3742738.94	21.30	0.00	21.30	
PERIOD		0.34360	ug/m^3	RES_482	980267.32	3742758.94	21.49	0.00	21.49	
PERIOD		0.31351	ug/m^3	RES_483	980267.32	3742778.94	21.48	0.00	21.48	
PERIOD		10.61292	ug/m^3	RES_484	980287.32	3742278.94	18.85	0.00	18.85	
PERIOD		8.70101	ug/m^3	RES_485	980287.32	3742298.94	18.91	0.00	18.91	
PERIOD		7.18323	ug/m^3	RES_486	980287.32	3742318.94	18.89	0.00	18.89	
PERIOD		5.97584	ug/m^3	RES_487	980287.32	3742338.94	18.90	0.00	18.90	
PERIOD		5.01182	ug/m^3	RES_488	980287.32	3742358.94	19.08	0.00	19.08	
PERIOD		4.23783	ug/m^3	RES_489	980287.32	3742378.94	19.24	0.00	19.24	
PERIOD		3.60643	ug/m^3	RES_490	980287.32	3742398.94	19.39	0.00	19.39	
PERIOD		3.08454	ug/m^3	RES_491	980287.32	3742418.94	19.53	0.00	19.53	
PERIOD		2.64849	ug/m^3	RES_492	980287.32	3742438.94	19.66	0.00	19.66	
PERIOD		2.28160	ug/m^3	RES_493	980287.32	3742458.94	19.80	0.00	19.80	
PERIOD		1.97437	ug/m^3	RES_494	980287.32	3742478.94	19.82	0.00	19.82	
PERIOD		1.71401	ug/m^3	RES_495	980287.32	3742498.94	19.86	0.00	19.86	
PERIOD		1.49284	ug/m^3	RES_496	980287.32	3742518.94	19.93	0.00	19.93	
PERIOD		1.30431	ug/m^3	RES_497	980287.32	3742538.94	20.05	0.00	20.05	
PERIOD		1.14356	ug/m^3	RES_498	980287.32	3742558.94	20.20	0.00	20.20	
PERIOD		1.00627	ug/m^3	RES_499	980287.32	3742578.94	20.37	0.00	20.37	
PERIOD		0.89092	ug/m^3	RES_500	980287.32	3742598.94	20.34	0.00	20.34	

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.79180	ug/m^3	RES_501	980287.32	3742618.94	20.31	0.00	20.31	
PERIOD		0.70459	ug/m^3	RES_502	980287.32	3742638.94	20.49	0.00	20.49	
PERIOD		0.62921	ug/m^3	RES_503	980287.32	3742658.94	20.68	0.00	20.68	
PERIOD		0.56402	ug/m^3	RES_504	980287.32	3742678.94	20.85	0.00	20.85	
PERIOD		0.50787	ug/m^3	RES_505	980287.32	3742698.94	20.92	0.00	20.92	
PERIOD		0.45872	ug/m^3	RES_506	980287.32	3742718.94	21.01	0.00	21.01	
PERIOD		0.41559	ug/m^3	RES_507	980287.32	3742738.94	21.11	0.00	21.11	
PERIOD		0.37734	ug/m^3	RES_508	980287.32	3742758.94	21.29	0.00	21.29	
PERIOD		0.34434	ug/m^3	RES_509	980287.32	3742778.94	21.26	0.00	21.26	
PERIOD		8.21939	ug/m^3	RES_510	980307.32	3742278.94	18.95	0.00	18.95	
PERIOD		7.04465	ug/m^3	RES_511	980307.32	3742298.94	19.01	0.00	19.01	
PERIOD		6.04152	ug/m^3	RES_512	980307.32	3742318.94	19.09	0.00	19.09	
PERIOD		5.19084	ug/m^3	RES_513	980307.32	3742338.94	19.19	0.00	19.19	
PERIOD		4.47528	ug/m^3	RES_514	980307.32	3742358.94	19.13	0.00	19.13	
PERIOD		3.86903	ug/m^3	RES_515	980307.32	3742378.94	19.22	0.00	19.22	
PERIOD		3.35571	ug/m^3	RES_516	980307.32	3742398.94	19.42	0.00	19.42	
PERIOD		2.92204	ug/m^3	RES_517	980307.32	3742418.94	19.52	0.00	19.52	
PERIOD		2.55266	ug/m^3	RES_518	980307.32	3742438.94	19.60	0.00	19.60	
PERIOD		2.23630	ug/m^3	RES_519	980307.32	3742458.94	19.64	0.00	19.64	
PERIOD		1.96347	ug/m^3	RES_520	980307.32	3742478.94	19.69	0.00	19.69	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.72681	ug/m^3	RES_521	980307.32	3742498.94	19.79	0.00	19.79	
PERIOD		1.52092	ug/m^3	RES_522	980307.32	3742518.94	19.96	0.00	19.96	
PERIOD		1.34262	ug/m^3	RES_523	980307.32	3742538.94	20.12	0.00	20.12	
PERIOD		1.18852	ug/m^3	RES_524	980307.32	3742558.94	20.24	0.00	20.24	
PERIOD		1.05536	ug/m^3	RES_525	980307.32	3742578.94	20.31	0.00	20.31	
PERIOD		0.94090	ug/m^3	RES_526	980307.32	3742598.94	20.25	0.00	20.25	
PERIOD		0.84078	ug/m^3	RES_527	980307.32	3742618.94	20.24	0.00	20.24	
PERIOD		0.75142	ug/m^3	RES_528	980307.32	3742638.94	20.49	0.00	20.49	
PERIOD		0.67400	ug/m^3	RES_529	980307.32	3742658.94	20.66	0.00	20.66	
PERIOD		0.60658	ug/m^3	RES_530	980307.32	3742678.94	20.78	0.00	20.78	
PERIOD		0.54732	ug/m^3	RES_531	980307.32	3742698.94	20.92	0.00	20.92	
PERIOD		0.49548	ug/m^3	RES_532	980307.32	3742718.94	21.01	0.00	21.01	
PERIOD		0.45000	ug/m^3	RES_533	980307.32	3742738.94	21.04	0.00	21.04	
PERIOD		0.40997	ug/m^3	RES_534	980307.32	3742758.94	21.02	0.00	21.02	
PERIOD		0.37460	ug/m^3	RES_535	980307.32	3742778.94	20.96	0.00	20.96	
PERIOD		6.65787	ug/m^3	RES_536	980327.32	3742258.94	18.84	0.00	18.84	
PERIOD		6.07938	ug/m^3	RES_537	980327.32	3742278.94	19.00	0.00	19.00	
PERIOD		5.49346	ug/m^3	RES_538	980327.32	3742298.94	19.09	0.00	19.09	
PERIOD		4.91642	ug/m^3	RES_539	980327.32	3742318.94	19.20	0.00	19.20	
PERIOD		4.37514	ug/m^3	RES_540	980327.32	3742338.94	19.30	0.00	19.30	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.88289	ug/m^3	RES_541	980327.32	3742358.94	19.30	0.00	19.30	
PERIOD		3.43944	ug/m^3	RES_542	980327.32	3742378.94	19.33	0.00	19.33	
PERIOD		3.04683	ug/m^3	RES_543	980327.32	3742398.94	19.36	0.00	19.36	
PERIOD		2.70184	ug/m^3	RES_544	980327.32	3742418.94	19.43	0.00	19.43	
PERIOD		2.39919	ug/m^3	RES_545	980327.32	3742438.94	19.51	0.00	19.51	
PERIOD		2.13340	ug/m^3	RES_546	980327.32	3742458.94	19.60	0.00	19.60	
PERIOD		1.89946	ug/m^3	RES_547	980327.32	3742478.94	19.68	0.00	19.68	
PERIOD		1.69260	ug/m^3	RES_548	980327.32	3742498.94	19.81	0.00	19.81	
PERIOD		1.50856	ug/m^3	RES_549	980327.32	3742518.94	20.06	0.00	20.06	
PERIOD		1.34711	ug/m^3	RES_550	980327.32	3742538.94	20.20	0.00	20.20	
PERIOD		1.20521	ug/m^3	RES_551	980327.32	3742558.94	20.27	0.00	20.27	
PERIOD		1.08098	ug/m^3	RES_552	980327.32	3742578.94	20.22	0.00	20.22	
PERIOD		0.97068	ug/m^3	RES_553	980327.32	3742598.94	20.24	0.00	20.24	
PERIOD		0.87276	ug/m^3	RES_554	980327.32	3742618.94	20.32	0.00	20.32	
PERIOD		0.78551	ug/m^3	RES_555	980327.32	3742638.94	20.50	0.00	20.50	
PERIOD		0.70866	ug/m^3	RES_556	980327.32	3742658.94	20.64	0.00	20.64	
PERIOD		0.64084	ug/m^3	RES_557	980327.32	3742678.94	20.75	0.00	20.75	
PERIOD		0.58066	ug/m^3	RES_558	980327.32	3742698.94	20.88	0.00	20.88	
PERIOD		0.52760	ug/m^3	RES_559	980327.32	3742718.94	20.94	0.00	20.94	
PERIOD		0.48077	ug/m^3	RES_560	980327.32	3742738.94	20.92	0.00	20.92	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.43937	ug/m^3	RES_561	980327.32	3742758.94	20.82	0.00	20.82	
PERIOD		4.52505	ug/m^3	RES_562	980347.32	3742258.94	18.77	0.00	18.77	
PERIOD		4.40817	ug/m^3	RES_563	980347.32	3742278.94	19.00	0.00	19.00	
PERIOD		4.18604	ug/m^3	RES_564	980347.32	3742298.94	19.17	0.00	19.17	
PERIOD		3.90625	ug/m^3	RES_565	980347.32	3742318.94	19.29	0.00	19.29	
PERIOD		3.60077	ug/m^3	RES_566	980347.32	3742338.94	19.35	0.00	19.35	
PERIOD		3.29054	ug/m^3	RES_567	980347.32	3742358.94	19.42	0.00	19.42	
PERIOD		2.98824	ug/m^3	RES_568	980347.32	3742378.94	19.44	0.00	19.44	
PERIOD		2.70372	ug/m^3	RES_569	980347.32	3742398.94	19.40	0.00	19.40	
PERIOD		2.44274	ug/m^3	RES_570	980347.32	3742418.94	19.35	0.00	19.35	
PERIOD		2.20574	ug/m^3	RES_571	980347.32	3742438.94	19.35	0.00	19.35	
PERIOD		1.99099	ug/m^3	RES_572	980347.32	3742458.94	19.47	0.00	19.47	
PERIOD		1.79723	ug/m^3	RES_573	980347.32	3742478.94	19.60	0.00	19.60	
PERIOD		1.62222	ug/m^3	RES_574	980347.32	3742498.94	19.77	0.00	19.77	
PERIOD		1.46409	ug/m^3	RES_575	980347.32	3742518.94	19.99	0.00	19.99	
PERIOD		1.32259	ug/m^3	RES_576	980347.32	3742538.94	20.11	0.00	20.11	
PERIOD		1.19591	ug/m^3	RES_577	980347.32	3742558.94	20.16	0.00	20.16	
PERIOD		1.08298	ug/m^3	RES_578	980347.32	3742578.94	20.10	0.00	20.10	
PERIOD		0.98055	ug/m^3	RES_579	980347.32	3742598.94	20.18	0.00	20.18	
PERIOD		0.88819	ug/m^3	RES_580	980347.32	3742618.94	20.33	0.00	20.33	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.80560	ug/m^3	RES_581	980347.32	3742638.94	20.45	0.00	20.45	
PERIOD		0.73144	ug/m^3	RES_582	980347.32	3742658.94	20.60	0.00	20.60	
PERIOD		0.66486	ug/m^3	RES_583	980347.32	3742678.94	20.78	0.00	20.78	
PERIOD		0.60604	ug/m^3	RES_584	980347.32	3742698.94	20.80	0.00	20.80	
PERIOD		0.55348	ug/m^3	RES_585	980347.32	3742718.94	20.78	0.00	20.78	
PERIOD		0.50651	ug/m^3	RES_586	980347.32	3742738.94	20.71	0.00	20.71	
PERIOD		3.19890	ug/m^3	RES_587	980367.32	3742298.94	19.21	0.00	19.21	
PERIOD		3.08465	ug/m^3	RES_588	980367.32	3742318.94	19.35	0.00	19.35	
PERIOD		2.92977	ug/m^3	RES_589	980367.32	3742338.94	19.38	0.00	19.38	
PERIOD		2.74841	ug/m^3	RES_590	980367.32	3742358.94	19.47	0.00	19.47	
PERIOD		2.55425	ug/m^3	RES_591	980367.32	3742378.94	19.49	0.00	19.49	
PERIOD		2.35855	ug/m^3	RES_592	980367.32	3742398.94	19.44	0.00	19.44	
PERIOD		2.16904	ug/m^3	RES_593	980367.32	3742418.94	19.35	0.00	19.35	
PERIOD		1.99031	ug/m^3	RES_594	980367.32	3742438.94	19.30	0.00	19.30	
PERIOD		1.82351	ug/m^3	RES_595	980367.32	3742458.94	19.31	0.00	19.31	
PERIOD		1.66859	ug/m^3	RES_596	980367.32	3742478.94	19.45	0.00	19.45	
PERIOD		1.52540	ug/m^3	RES_597	980367.32	3742498.94	19.63	0.00	19.63	
PERIOD		1.39346	ug/m^3	RES_598	980367.32	3742518.94	19.84	0.00	19.84	
PERIOD		1.27319	ug/m^3	RES_599	980367.32	3742538.94	19.92	0.00	19.92	
PERIOD		1.16340	ug/m^3	RES_600	980367.32	3742558.94	19.96	0.00	19.96	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.06272	ug/m^3	RES_601	980367.32	3742578.94	20.06	0.00	20.06	
PERIOD		0.97086	ug/m^3	RES_602	980367.32	3742598.94	20.16	0.00	20.16	
PERIOD		0.88721	ug/m^3	RES_603	980367.32	3742618.94	20.26	0.00	20.26	
PERIOD		0.81077	ug/m^3	RES_604	980367.32	3742638.94	20.42	0.00	20.42	
PERIOD		0.74140	ug/m^3	RES_605	980367.32	3742658.94	20.57	0.00	20.57	
PERIOD		0.67856	ug/m^3	RES_606	980367.32	3742678.94	20.70	0.00	20.70	
PERIOD		0.62239	ug/m^3	RES_607	980367.32	3742698.94	20.66	0.00	20.66	
PERIOD		0.57149	ug/m^3	RES_608	980367.32	3742718.94	20.61	0.00	20.61	
PERIOD		2.45890	ug/m^3	RES_609	980387.32	3742318.94	19.26	0.00	19.26	
PERIOD		2.38685	ug/m^3	RES_610	980387.32	3742338.94	19.45	0.00	19.45	
PERIOD		2.28596	ug/m^3	RES_611	980387.32	3742358.94	19.49	0.00	19.49	
PERIOD		2.16590	ug/m^3	RES_612	980387.32	3742378.94	19.47	0.00	19.47	
PERIOD		2.03597	ug/m^3	RES_613	980387.32	3742398.94	19.40	0.00	19.40	
PERIOD		1.90328	ug/m^3	RES_614	980387.32	3742418.94	19.39	0.00	19.39	
PERIOD		1.77217	ug/m^3	RES_615	980387.32	3742438.94	19.32	0.00	19.32	
PERIOD		1.64591	ug/m^3	RES_616	980387.32	3742458.94	19.17	0.00	19.17	
PERIOD		1.52567	ug/m^3	RES_617	980387.32	3742478.94	19.25	0.00	19.25	
PERIOD		1.41184	ug/m^3	RES_618	980387.32	3742498.94	19.41	0.00	19.41	
PERIOD		1.30464	ug/m^3	RES_619	980387.32	3742518.94	19.62	0.00	19.62	
PERIOD		1.20474	ug/m^3	RES_620	980387.32	3742538.94	19.73	0.00	19.73	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.11182	ug/m^3	RES_621	980387.32	3742558.94	19.81	0.00	19.81	
PERIOD		1.02499	ug/m^3	RES_622	980387.32	3742578.94	19.99	0.00	19.99	
PERIOD		0.94475	ug/m^3	RES_623	980387.32	3742598.94	20.12	0.00	20.12	
PERIOD		0.87083	ug/m^3	RES_624	980387.32	3742618.94	20.20	0.00	20.20	
PERIOD		0.80218	ug/m^3	RES_625	980387.32	3742638.94	20.37	0.00	20.37	
PERIOD		0.73918	ug/m^3	RES_626	980387.32	3742658.94	20.49	0.00	20.49	
PERIOD		0.68157	ug/m^3	RES_627	980387.32	3742678.94	20.54	0.00	20.54	
PERIOD		0.62903	ug/m^3	RES_628	980387.32	3742698.94	20.51	0.00	20.51	
PERIOD		1.90795	ug/m^3	RES_629	980407.32	3742358.94	19.32	0.00	19.32	
PERIOD		1.83600	ug/m^3	RES_630	980407.32	3742378.94	19.39	0.00	19.39	
PERIOD		1.75150	ug/m^3	RES_631	980407.32	3742398.94	19.39	0.00	19.39	
PERIOD		1.65935	ug/m^3	RES_632	980407.32	3742418.94	19.20	0.00	19.20	
PERIOD		1.56478	ug/m^3	RES_633	980407.32	3742438.94	19.00	0.00	19.00	
PERIOD		1.47126	ug/m^3	RES_634	980407.32	3742458.94	19.04	0.00	19.04	
PERIOD		1.37962	ug/m^3	RES_635	980407.32	3742478.94	19.09	0.00	19.09	
PERIOD		1.29089	ug/m^3	RES_636	980407.32	3742498.94	19.17	0.00	19.17	
PERIOD		1.20559	ug/m^3	RES_637	980407.32	3742518.94	19.39	0.00	19.39	
PERIOD		1.12421	ug/m^3	RES_638	980407.32	3742538.94	19.59	0.00	19.59	
PERIOD		1.04700	ug/m^3	RES_639	980407.32	3742558.94	19.78	0.00	19.78	
PERIOD		0.97423	ug/m^3	RES_640	980407.32	3742578.94	19.92	0.00	19.92	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.90582	ug/m^3	RES_641	980407.32	3742598.94	20.05	0.00	20.05	
PERIOD		0.84167	ug/m^3	RES_642	980407.32	3742618.94	20.18	0.00	20.18	
PERIOD		0.78167	ug/m^3	RES_643	980407.32	3742638.94	20.31	0.00	20.31	
PERIOD		0.72589	ug/m^3	RES_644	980407.32	3742658.94	20.38	0.00	20.38	
PERIOD		0.67414	ug/m^3	RES_645	980407.32	3742678.94	20.40	0.00	20.40	
PERIOD		0.62617	ug/m^3	RES_646	980407.32	3742698.94	20.39	0.00	20.39	
PERIOD		1.56275	ug/m^3	RES_647	980427.32	3742378.94	19.03	0.00	19.03	
PERIOD		1.50797	ug/m^3	RES_648	980427.32	3742398.94	19.02	0.00	19.02	
PERIOD		1.44483	ug/m^3	RES_649	980427.32	3742418.94	18.85	0.00	18.85	
PERIOD		1.37779	ug/m^3	RES_650	980427.32	3742438.94	18.71	0.00	18.71	
PERIOD		1.30876	ug/m^3	RES_651	980427.32	3742458.94	18.94	0.00	18.94	
PERIOD		1.23949	ug/m^3	RES_652	980427.32	3742478.94	19.10	0.00	19.10	
PERIOD		1.17077	ug/m^3	RES_653	980427.32	3742498.94	19.22	0.00	19.22	
PERIOD		1.10346	ug/m^3	RES_654	980427.32	3742518.94	19.44	0.00	19.44	
PERIOD		1.03810	ug/m^3	RES_655	980427.32	3742538.94	19.64	0.00	19.64	
PERIOD		0.97515	ug/m^3	RES_656	980427.32	3742558.94	19.82	0.00	19.82	
PERIOD		0.91521	ug/m^3	RES_657	980427.32	3742578.94	19.86	0.00	19.86	
PERIOD		0.85789	ug/m^3	RES_658	980427.32	3742598.94	19.98	0.00	19.98	
PERIOD		0.80313	ug/m^3	RES_659	980427.32	3742618.94	20.19	0.00	20.19	
PERIOD		0.75179	ug/m^3	RES_660	980427.32	3742638.94	20.23	0.00	20.23	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.70334	ug/m^3	RES_661	980427.32	3742658.94	20.26	0.00	20.26	
PERIOD		0.65772	ug/m^3	RES_662	980427.32	3742678.94	20.28	0.00	20.28	
PERIOD		1.21457	ug/m^3	RES_663	980447.32	3742438.94	18.48	0.00	18.48	
PERIOD		1.16320	ug/m^3	RES_664	980447.32	3742458.94	18.79	0.00	18.79	
PERIOD		1.11064	ug/m^3	RES_665	980447.32	3742478.94	19.05	0.00	19.05	
PERIOD		1.05757	ug/m^3	RES_666	980447.32	3742498.94	19.26	0.00	19.26	
PERIOD		1.00463	ug/m^3	RES_667	980447.32	3742518.94	19.45	0.00	19.45	
PERIOD		0.95248	ug/m^3	RES_668	980447.32	3742538.94	19.55	0.00	19.55	
PERIOD		0.90176	ug/m^3	RES_669	980447.32	3742558.94	19.57	0.00	19.57	
PERIOD		0.85246	ug/m^3	RES_670	980447.32	3742578.94	19.72	0.00	19.72	
PERIOD		0.80481	ug/m^3	RES_671	980447.32	3742598.94	19.90	0.00	19.90	
PERIOD		0.75902	ug/m^3	RES_672	980447.32	3742618.94	20.06	0.00	20.06	
PERIOD		0.71542	ug/m^3	RES_673	980447.32	3742638.94	20.11	0.00	20.11	
PERIOD		0.67382	ug/m^3	RES_674	980447.32	3742658.94	20.15	0.00	20.15	
PERIOD		0.99529	ug/m^3	RES_675	980467.32	3742478.94	18.84	0.00	18.84	
PERIOD		0.95412	ug/m^3	RES_676	980467.32	3742498.94	19.14	0.00	19.14	
PERIOD		0.91238	ug/m^3	RES_677	980467.32	3742518.94	19.33	0.00	19.33	
PERIOD		0.87065	ug/m^3	RES_678	980467.32	3742538.94	19.38	0.00	19.38	
PERIOD		0.82963	ug/m^3	RES_679	980467.32	3742558.94	19.26	0.00	19.26	
PERIOD		0.71186	ug/m^3	RES_680	980467.32	3742618.94	19.89	0.00	19.89	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.67505	ug/m^3	RES_681	980467.32	3742638.94	20.00	0.00	20.00	
PERIOD		0.82830	ug/m^3	RES_682	980487.32	3742518.94	19.06	0.00	19.06	
PERIOD		0.79472	ug/m^3	RES_683	980487.32	3742538.94	19.14	0.00	19.14	
PERIOD		0.22533	ug/m^3	P_001	980077.18	3742616.83	20.05	0.00	20.05	
PERIOD		0.20556	ug/m^3	P_002	980077.18	3742636.83	20.26	0.00	20.26	
PERIOD		0.18809	ug/m^3	P_003	980077.18	3742656.83	20.55	0.00	20.55	
PERIOD		0.17315	ug/m^3	P_004	980077.18	3742676.83	20.68	0.00	20.68	
PERIOD		0.16021	ug/m^3	P_005	980077.18	3742696.83	20.68	0.00	20.68	
PERIOD		0.14892	ug/m^3	P_006	980077.18	3742716.83	20.55	0.00	20.55	
PERIOD		0.13876	ug/m^3	P_007	980077.18	3742736.83	20.45	0.00	20.45	
PERIOD		0.25272	ug/m^3	P_008	980097.18	3742616.83	20.12	0.00	20.12	
PERIOD		0.22915	ug/m^3	P_009	980097.18	3742636.83	20.39	0.00	20.39	
PERIOD		0.20840	ug/m^3	P_010	980097.18	3742656.83	20.78	0.00	20.78	
PERIOD		0.19095	ug/m^3	P_011	980097.18	3742676.83	20.96	0.00	20.96	
PERIOD		0.17605	ug/m^3	P_012	980097.18	3742696.83	20.96	0.00	20.96	
PERIOD		0.16341	ug/m^3	P_013	980097.18	3742716.83	20.69	0.00	20.69	
PERIOD		0.15186	ug/m^3	P_014	980097.18	3742736.83	20.55	0.00	20.55	
PERIOD		0.25753	ug/m^3	P_015	980117.18	3742636.83	20.48	0.00	20.48	
PERIOD		0.23329	ug/m^3	P_016	980117.18	3742656.83	20.83	0.00	20.83	
PERIOD		0.21290	ug/m^3	P_017	980117.18	3742676.83	21.00	0.00	21.00	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.19562	ug/m^3	P_018	980117.18	3742696.83	20.97	0.00	20.97	
PERIOD		0.18095	ug/m^3	P_019	980117.18	3742716.83	20.70	0.00	20.70	
PERIOD		0.16754	ug/m^3	P_020	980117.18	3742736.83	20.59	0.00	20.59	
PERIOD		0.26330	ug/m^3	P_021	980137.18	3742656.83	20.81	0.00	20.81	
PERIOD		0.23943	ug/m^3	P_022	980137.18	3742676.83	20.94	0.00	20.94	
PERIOD		0.21929	ug/m^3	P_023	980137.18	3742696.83	20.86	0.00	20.86	
PERIOD		0.20203	ug/m^3	P_024	980137.18	3742716.83	20.62	0.00	20.62	
PERIOD		0.18623	ug/m^3	P_025	980137.18	3742736.83	20.58	0.00	20.58	
PERIOD		0.24736	ug/m^3	P_026	980157.18	3742696.83	20.73	0.00	20.73	
PERIOD		0.22664	ug/m^3	P_027	980157.18	3742716.83	20.61	0.00	20.61	
PERIOD		0.25463	ug/m^3	P_028	980177.18	3742716.83	20.77	0.00	20.77	
PERIOD		0.16822	ug/m^3	S_001	980089.92	3741804.77	17.51	0.00	17.51	
PERIOD		0.19045	ug/m^3	S_002	980089.92	3741824.77	17.50	0.00	17.50	
PERIOD		0.21767	ug/m^3	S_003	980089.92	3741844.77	17.49	0.00	17.49	
PERIOD		0.25143	ug/m^3	S_004	980089.92	3741864.77	17.48	0.00	17.48	
PERIOD		0.29414	ug/m^3	S_005	980089.92	3741884.77	17.50	0.00	17.50	
PERIOD		0.34916	ug/m^3	S_006	980089.92	3741904.77	17.51	0.00	17.51	
PERIOD		0.42211	ug/m^3	S_007	980089.92	3741924.77	17.51	0.00	17.51	
PERIOD		0.52188	ug/m^3	S_008	980089.92	3741944.77	17.53	0.00	17.53	
PERIOD		0.66445	ug/m^3	S_009	980089.92	3741964.77	17.60	0.00	17.60	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.88232	ug/m^3	S_010	980089.92	3741984.77	17.73	0.00	17.73	
PERIOD		1.22772	ug/m^3	S_011	980089.92	3742004.77	17.79	0.00	17.79	
PERIOD		1.84823	ug/m^3	S_012	980089.92	3742024.77	17.88	0.00	17.88	
PERIOD		0.16674	ug/m^3	S_013	980109.92	3741804.77	17.01	0.00	17.01	
PERIOD		0.18849	ug/m^3	S_014	980109.92	3741824.77	17.12	0.00	17.12	
PERIOD		0.21510	ug/m^3	S_015	980109.92	3741844.77	17.17	0.00	17.17	
PERIOD		0.24810	ug/m^3	S_016	980109.92	3741864.77	17.19	0.00	17.19	
PERIOD		0.28977	ug/m^3	S_017	980109.92	3741884.77	17.14	0.00	17.14	
PERIOD		0.34339	ug/m^3	S_018	980109.92	3741904.77	17.12	0.00	17.12	
PERIOD		0.41424	ug/m^3	S_019	980109.92	3741924.77	17.14	0.00	17.14	
PERIOD		0.51019	ug/m^3	S_020	980109.92	3741944.77	17.24	0.00	17.24	
PERIOD		0.64469	ug/m^3	S_021	980109.92	3741964.77	17.37	0.00	17.37	
PERIOD		0.84213	ug/m^3	S_022	980109.92	3741984.77	17.53	0.00	17.53	
PERIOD		1.15055	ug/m^3	S_023	980109.92	3742004.77	17.68	0.00	17.68	
PERIOD		1.68042	ug/m^3	S_024	980109.92	3742024.77	17.81	0.00	17.81	
PERIOD		0.14737	ug/m^3	S_025	980129.92	3741784.77	16.84	0.00	16.84	
PERIOD		0.16495	ug/m^3	S_026	980129.92	3741804.77	16.83	0.00	16.83	
PERIOD		0.18617	ug/m^3	S_027	980129.92	3741824.77	16.98	0.00	16.98	
PERIOD		0.21206	ug/m^3	S_028	980129.92	3741844.77	17.06	0.00	17.06	
PERIOD		0.24410	ug/m^3	S_029	980129.92	3741864.77	17.08	0.00	17.08	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.28435	ug/m^3	S_030	980129.92	3741884.77	16.92	0.00	16.92	
PERIOD		0.33586	ug/m^3	S_031	980129.92	3741904.77	16.85	0.00	16.85	
PERIOD		0.40318	ug/m^3	S_032	980129.92	3741924.77	16.84	0.00	16.84	
PERIOD		0.49378	ug/m^3	S_033	980129.92	3741944.77	17.00	0.00	17.00	
PERIOD		0.61901	ug/m^3	S_034	980129.92	3741964.77	17.17	0.00	17.17	
PERIOD		0.79926	ug/m^3	S_035	980129.92	3741984.77	17.36	0.00	17.36	
PERIOD		1.07222	ug/m^3	S_036	980129.92	3742004.77	17.59	0.00	17.59	
PERIOD		1.52385	ug/m^3	S_037	980129.92	3742024.77	17.79	0.00	17.79	
PERIOD		0.13131	ug/m^3	S_038	980149.92	3741764.77	16.72	0.00	16.72	
PERIOD		0.14572	ug/m^3	S_039	980149.92	3741784.77	16.69	0.00	16.69	
PERIOD		0.16285	ug/m^3	S_040	980149.92	3741804.77	16.79	0.00	16.79	
PERIOD		0.18347	ug/m^3	S_041	980149.92	3741824.77	16.94	0.00	16.94	
PERIOD		0.20852	ug/m^3	S_042	980149.92	3741844.77	17.06	0.00	17.06	
PERIOD		0.23929	ug/m^3	S_043	980149.92	3741864.77	17.15	0.00	17.15	
PERIOD		0.27773	ug/m^3	S_044	980149.92	3741884.77	17.01	0.00	17.01	
PERIOD		0.32659	ug/m^3	S_045	980149.92	3741904.77	16.86	0.00	16.86	
PERIOD		0.38989	ug/m^3	S_046	980149.92	3741924.77	16.70	0.00	16.70	
PERIOD		0.47398	ug/m^3	S_047	980149.92	3741944.77	16.84	0.00	16.84	
PERIOD		0.58877	ug/m^3	S_048	980149.92	3741964.77	17.04	0.00	17.04	
PERIOD		0.75104	ug/m^3	S_049	980149.92	3741984.77	17.25	0.00	17.25	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.99157	ug/m^3	S_050	980149.92	3742004.77	17.53	0.00	17.53	
PERIOD		1.37477	ug/m^3	S_051	980149.92	3742024.77	17.79	0.00	17.79	
PERIOD		2.04737	ug/m^3	S_052	980149.92	3742044.77	17.92	0.00	17.92	
PERIOD		0.11778	ug/m^3	S_053	980169.92	3741744.77	16.64	0.00	16.64	
PERIOD		0.12973	ug/m^3	S_054	980169.92	3741764.77	16.56	0.00	16.56	
PERIOD		0.14376	ug/m^3	S_055	980169.92	3741784.77	16.62	0.00	16.62	
PERIOD		0.16036	ug/m^3	S_056	980169.92	3741804.77	16.78	0.00	16.78	
PERIOD		0.18025	ug/m^3	S_057	980169.92	3741824.77	16.89	0.00	16.89	
PERIOD		0.20428	ug/m^3	S_058	980169.92	3741844.77	16.99	0.00	16.99	
PERIOD		0.23364	ug/m^3	S_059	980169.92	3741864.77	17.09	0.00	17.09	
PERIOD		0.27007	ug/m^3	S_060	980169.92	3741884.77	17.08	0.00	17.08	
PERIOD		0.31595	ug/m^3	S_061	980169.92	3741904.77	17.05	0.00	17.05	
PERIOD		0.37481	ug/m^3	S_062	980169.92	3741924.77	16.98	0.00	16.98	
PERIOD		0.45200	ug/m^3	S_063	980169.92	3741944.77	16.98	0.00	16.98	
PERIOD		0.55577	ug/m^3	S_064	980169.92	3741964.77	17.02	0.00	17.02	
PERIOD		0.69977	ug/m^3	S_065	980169.92	3741984.77	17.17	0.00	17.17	
PERIOD		0.90856	ug/m^3	S_066	980169.92	3742004.77	17.45	0.00	17.45	
PERIOD		1.22924	ug/m^3	S_067	980169.92	3742024.77	17.74	0.00	17.74	
PERIOD		1.77436	ug/m^3	S_068	980169.92	3742044.77	17.96	0.00	17.96	
PERIOD		0.11622	ug/m^3	S_069	980189.92	3741744.77	16.36	0.00	16.36	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.12781	ug/m^3	S_070	980189.92	3741764.77	16.46	0.00	16.46	
PERIOD		0.14138	ug/m^3	S_071	980189.92	3741784.77	16.60	0.00	16.60	
PERIOD		0.15739	ug/m^3	S_072	980189.92	3741804.77	16.77	0.00	16.77	
PERIOD		0.17644	ug/m^3	S_073	980189.92	3741824.77	16.85	0.00	16.85	
PERIOD		0.19935	ug/m^3	S_074	980189.92	3741844.77	16.94	0.00	16.94	
PERIOD		0.22721	ug/m^3	S_075	980189.92	3741864.77	17.03	0.00	17.03	
PERIOD		0.26145	ug/m^3	S_076	980189.92	3741884.77	17.15	0.00	17.15	
PERIOD		0.30418	ug/m^3	S_077	980189.92	3741904.77	17.25	0.00	17.25	
PERIOD		0.35840	ug/m^3	S_078	980189.92	3741924.77	17.33	0.00	17.33	
PERIOD		0.42858	ug/m^3	S_079	980189.92	3741944.77	17.28	0.00	17.28	
PERIOD		0.52138	ug/m^3	S_080	980189.92	3741964.77	17.21	0.00	17.21	
PERIOD		0.64794	ug/m^3	S_081	980189.92	3741984.77	17.14	0.00	17.14	
PERIOD		0.82735	ug/m^3	S_082	980189.92	3742004.77	17.30	0.00	17.30	
PERIOD		1.09513	ug/m^3	S_083	980189.92	3742024.77	17.56	0.00	17.56	
PERIOD		1.53129	ug/m^3	S_084	980189.92	3742044.77	17.88	0.00	17.88	
PERIOD		0.10468	ug/m^3	S_085	980209.92	3741724.77	16.33	0.00	16.33	
PERIOD		0.11434	ug/m^3	S_086	980209.92	3741744.77	16.26	0.00	16.26	
PERIOD		0.12553	ug/m^3	S_087	980209.92	3741764.77	16.43	0.00	16.43	
PERIOD		0.13859	ug/m^3	S_088	980209.92	3741784.77	16.59	0.00	16.59	
PERIOD		0.15390	ug/m^3	S_089	980209.92	3741804.77	16.75	0.00	16.75	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.17206	ug/m^3	S_090	980209.92	3741824.77	16.83	0.00	16.83	
PERIOD		0.19375	ug/m^3	S_091	980209.92	3741844.77	16.93	0.00	16.93	
PERIOD		0.21995	ug/m^3	S_092	980209.92	3741864.77	17.05	0.00	17.05	
PERIOD		0.25193	ug/m^3	S_093	980209.92	3741884.77	17.24	0.00	17.24	
PERIOD		0.29144	ug/m^3	S_094	980209.92	3741904.77	17.43	0.00	17.43	
PERIOD		0.34102	ug/m^3	S_095	980209.92	3741924.77	17.63	0.00	17.63	
PERIOD		0.40432	ug/m^3	S_096	980209.92	3741944.77	17.60	0.00	17.60	
PERIOD		0.48689	ug/m^3	S_097	980209.92	3741964.77	17.46	0.00	17.46	
PERIOD		0.59756	ug/m^3	S_098	980209.92	3741984.77	17.20	0.00	17.20	
PERIOD		0.75120	ug/m^3	S_099	980209.92	3742004.77	17.19	0.00	17.19	
PERIOD		0.97468	ug/m^3	S_100	980209.92	3742024.77	17.35	0.00	17.35	
PERIOD		1.32352	ug/m^3	S_101	980209.92	3742044.77	17.75	0.00	17.75	
PERIOD		1.93797	ug/m^3	S_102	980209.92	3742064.77	17.97	0.00	17.97	
PERIOD		0.09471	ug/m^3	S_103	980229.92	3741704.77	16.26	0.00	16.26	
PERIOD		0.10283	ug/m^3	S_104	980229.92	3741724.77	16.15	0.00	16.15	
PERIOD		0.11215	ug/m^3	S_105	980229.92	3741744.77	16.23	0.00	16.23	
PERIOD		0.12289	ug/m^3	S_106	980229.92	3741764.77	16.38	0.00	16.38	
PERIOD		0.13536	ug/m^3	S_107	980229.92	3741784.77	16.52	0.00	16.52	
PERIOD		0.14995	ug/m^3	S_108	980229.92	3741804.77	16.65	0.00	16.65	
PERIOD		0.16712	ug/m^3	S_109	980229.92	3741824.77	16.79	0.00	16.79	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.18753	ug/m^3	S_110	980229.92	3741844.77	16.95	0.00	16.95	
PERIOD		0.21200	ug/m^3	S_111	980229.92	3741864.77	17.16	0.00	17.16	
PERIOD		0.24164	ug/m^3	S_112	980229.92	3741884.77	17.36	0.00	17.36	
PERIOD		0.27794	ug/m^3	S_113	980229.92	3741904.77	17.57	0.00	17.57	
PERIOD		0.32297	ug/m^3	S_114	980229.92	3741924.77	17.81	0.00	17.81	
PERIOD		0.37979	ug/m^3	S_115	980229.92	3741944.77	17.82	0.00	17.82	
PERIOD		0.45291	ug/m^3	S_116	980229.92	3741964.77	17.68	0.00	17.68	
PERIOD		0.54938	ug/m^3	S_117	980229.92	3741984.77	17.30	0.00	17.30	
PERIOD		0.68063	ug/m^3	S_118	980229.92	3742004.77	17.17	0.00	17.17	
PERIOD		0.86685	ug/m^3	S_119	980229.92	3742024.77	17.20	0.00	17.20	
PERIOD		1.14670	ug/m^3	S_120	980229.92	3742044.77	17.62	0.00	17.62	
PERIOD		1.60461	ug/m^3	S_121	980229.92	3742064.77	17.87	0.00	17.87	
PERIOD		0.09291	ug/m^3	S_122	980249.92	3741704.77	16.07	0.00	16.07	
PERIOD		0.10072	ug/m^3	S_123	980249.92	3741724.77	16.05	0.00	16.05	
PERIOD		0.10965	ug/m^3	S_124	980249.92	3741744.77	16.19	0.00	16.19	
PERIOD		0.11991	ug/m^3	S_125	980249.92	3741764.77	16.33	0.00	16.33	
PERIOD		0.13176	ug/m^3	S_126	980249.92	3741784.77	16.45	0.00	16.45	
PERIOD		0.14554	ug/m^3	S_127	980249.92	3741804.77	16.57	0.00	16.57	
PERIOD		0.16170	ug/m^3	S_128	980249.92	3741824.77	16.74	0.00	16.74	
PERIOD		0.18078	ug/m^3	S_129	980249.92	3741844.77	16.95	0.00	16.95	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.20349	ug/m^3	S_130	980249.92	3741864.77	17.20	0.00	17.20	
PERIOD		0.23077	ug/m^3	S_131	980249.92	3741884.77	17.41	0.00	17.41	
PERIOD		0.26388	ug/m^3	S_132	980249.92	3741904.77	17.62	0.00	17.62	
PERIOD		0.30458	ug/m^3	S_133	980249.92	3741924.77	17.91	0.00	17.91	
PERIOD		0.35533	ug/m^3	S_134	980249.92	3741944.77	17.95	0.00	17.95	
PERIOD		0.41981	ug/m^3	S_135	980249.92	3741964.77	17.83	0.00	17.83	
PERIOD		0.50361	ug/m^3	S_136	980249.92	3741984.77	17.44	0.00	17.44	
PERIOD		0.61539	ug/m^3	S_137	980249.92	3742004.77	17.23	0.00	17.23	
PERIOD		0.77011	ug/m^3	S_138	980249.92	3742024.77	17.19	0.00	17.19	
PERIOD		0.99449	ug/m^3	S_139	980249.92	3742044.77	17.55	0.00	17.55	
PERIOD		1.34076	ug/m^3	S_140	980249.92	3742064.77	17.82	0.00	17.82	
PERIOD		1.92676	ug/m^3	S_141	980249.92	3742084.77	17.99	0.00	17.99	
PERIOD		0.08430	ug/m^3	S_142	980269.92	3741684.77	15.98	0.00	15.98	
PERIOD		0.09091	ug/m^3	S_143	980269.92	3741704.77	15.93	0.00	15.93	
PERIOD		0.09838	ug/m^3	S_144	980269.92	3741724.77	16.00	0.00	16.00	
PERIOD		0.10688	ug/m^3	S_145	980269.92	3741744.77	16.14	0.00	16.14	
PERIOD		0.11662	ug/m^3	S_146	980269.92	3741764.77	16.28	0.00	16.28	
PERIOD		0.12781	ug/m^3	S_147	980269.92	3741784.77	16.41	0.00	16.41	
PERIOD		0.14076	ug/m^3	S_148	980269.92	3741804.77	16.54	0.00	16.54	
PERIOD		0.15586	ug/m^3	S_149	980269.92	3741824.77	16.74	0.00	16.74	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.17358	ug/m^3	S_150	980269.92	3741844.77	16.96	0.00	16.96	
PERIOD		0.19451	ug/m^3	S_151	980269.92	3741864.77	17.20	0.00	17.20	
PERIOD		0.21946	ug/m^3	S_152	980269.92	3741884.77	17.42	0.00	17.42	
PERIOD		0.24948	ug/m^3	S_153	980269.92	3741904.77	17.65	0.00	17.65	
PERIOD		0.28603	ug/m^3	S_154	980269.92	3741924.77	17.83	0.00	17.83	
PERIOD		0.33112	ug/m^3	S_155	980269.92	3741944.77	17.87	0.00	17.87	
PERIOD		0.38770	ug/m^3	S_156	980269.92	3741964.77	17.81	0.00	17.81	
PERIOD		0.46008	ug/m^3	S_157	980269.92	3741984.77	17.53	0.00	17.53	
PERIOD		0.55492	ug/m^3	S_158	980269.92	3742004.77	17.37	0.00	17.37	
PERIOD		0.68307	ug/m^3	S_159	980269.92	3742024.77	17.32	0.00	17.32	
PERIOD		0.86305	ug/m^3	S_160	980269.92	3742044.77	17.57	0.00	17.57	
PERIOD		1.12889	ug/m^3	S_161	980269.92	3742064.77	17.80	0.00	17.80	
PERIOD		1.54700	ug/m^3	S_162	980269.92	3742084.77	18.02	0.00	18.02	
PERIOD		2.26187	ug/m^3	S_163	980269.92	3742104.77	18.10	0.00	18.10	
PERIOD		0.08242	ug/m^3	S_164	980289.92	3741684.77	15.88	0.00	19.14	
PERIOD		0.08872	ug/m^3	S_165	980289.92	3741704.77	15.82	0.00	15.82	
PERIOD		0.09584	ug/m^3	S_166	980289.92	3741724.77	15.94	0.00	15.94	
PERIOD		0.10390	ug/m^3	S_167	980289.92	3741744.77	16.09	0.00	16.09	
PERIOD		0.11308	ug/m^3	S_168	980289.92	3741764.77	16.24	0.00	16.24	
PERIOD		0.12359	ug/m^3	S_169	980289.92	3741784.77	16.40	0.00	16.40	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.13570	ug/m^3	S_170	980289.92	3741804.77	16.58	0.00	16.58	
PERIOD		0.14971	ug/m^3	S_171	980289.92	3741824.77	16.80	0.00	16.80	
PERIOD		0.16606	ug/m^3	S_172	980289.92	3741844.77	17.02	0.00	17.02	
PERIOD		0.18524	ug/m^3	S_173	980289.92	3741864.77	17.23	0.00	17.23	
PERIOD		0.20791	ug/m^3	S_174	980289.92	3741884.77	17.46	0.00	17.46	
PERIOD		0.23495	ug/m^3	S_175	980289.92	3741904.77	17.66	0.00	17.66	
PERIOD		0.26758	ug/m^3	S_176	980289.92	3741924.77	17.71	0.00	17.71	
PERIOD		0.30742	ug/m^3	S_177	980289.92	3741944.77	17.76	0.00	17.76	
PERIOD		0.35674	ug/m^3	S_178	980289.92	3741964.77	17.80	0.00	17.80	
PERIOD		0.41893	ug/m^3	S_179	980289.92	3741984.77	17.62	0.00	17.62	
PERIOD		0.49897	ug/m^3	S_180	980289.92	3742004.77	17.48	0.00	17.48	
PERIOD		0.60473	ug/m^3	S_181	980289.92	3742024.77	17.36	0.00	17.36	
PERIOD		0.74905	ug/m^3	S_182	980289.92	3742044.77	17.56	0.00	17.56	
PERIOD		0.95412	ug/m^3	S_183	980289.92	3742064.77	17.78	0.00	17.78	
PERIOD		1.25981	ug/m^3	S_184	980289.92	3742084.77	18.02	0.00	18.02	
PERIOD		1.74138	ug/m^3	S_185	980289.92	3742104.77	18.15	0.00	18.15	
PERIOD		2.54828	ug/m^3	S_186	980289.92	3742124.77	18.24	0.00	18.24	
PERIOD		0.08040	ug/m^3	S_187	980309.92	3741684.77	15.84	0.00	15.84	
PERIOD		0.08639	ug/m^3	S_188	980309.92	3741704.77	15.78	0.00	15.78	
PERIOD		0.09313	ug/m^3	S_189	980309.92	3741724.77	15.91	0.00	15.91	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.10073	ug/m^3	S_190	980309.92	3741744.77	16.07	0.00	16.07	
PERIOD		0.10936	ug/m^3	S_191	980309.92	3741764.77	16.25	0.00	16.25	
PERIOD		0.11918	ug/m^3	S_192	980309.92	3741784.77	16.44	0.00	16.44	
PERIOD		0.13042	ug/m^3	S_193	980309.92	3741804.77	16.66	0.00	16.66	
PERIOD		0.14336	ug/m^3	S_194	980309.92	3741824.77	16.89	0.00	16.89	
PERIOD		0.15836	ug/m^3	S_195	980309.92	3741844.77	17.13	0.00	17.13	
PERIOD		0.17582	ug/m^3	S_196	980309.92	3741864.77	17.37	0.00	17.37	
PERIOD		0.19630	ug/m^3	S_197	980309.92	3741884.77	17.55	0.00	17.55	
PERIOD		0.22053	ug/m^3	S_198	980309.92	3741904.77	17.68	0.00	17.68	
PERIOD		0.24948	ug/m^3	S_199	980309.92	3741924.77	17.67	0.00	17.67	
PERIOD		0.28444	ug/m^3	S_200	980309.92	3741944.77	17.76	0.00	17.76	
PERIOD		0.32718	ug/m^3	S_201	980309.92	3741964.77	17.93	0.00	17.93	
PERIOD		0.38032	ug/m^3	S_202	980309.92	3741984.77	17.75	0.00	17.75	
PERIOD		0.44756	ug/m^3	S_203	980309.92	3742004.77	17.56	0.00	17.56	
PERIOD		0.53454	ug/m^3	S_204	980309.92	3742024.77	17.38	0.00	17.38	
PERIOD		0.65015	ug/m^3	S_205	980309.92	3742044.77	17.53	0.00	17.53	
PERIOD		0.80897	ug/m^3	S_206	980309.92	3742064.77	17.73	0.00	17.73	
PERIOD		1.03553	ug/m^3	S_207	980309.92	3742084.77	17.96	0.00	17.96	
PERIOD		1.37185	ug/m^3	S_208	980309.92	3742104.77	18.13	0.00	18.13	
PERIOD		1.89196	ug/m^3	S_209	980309.92	3742124.77	18.25	0.00	18.25	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.73614	ug/m^3	S_210	980309.92	3742144.77	18.25	0.00	18.25	
PERIOD		0.07828	ug/m^3	S_211	980329.92	3741684.77	16.06	0.00	16.06	
PERIOD		0.08395	ug/m^3	S_212	980329.92	3741704.77	16.00	0.00	16.00	
PERIOD		0.09031	ug/m^3	S_213	980329.92	3741724.77	16.05	0.00	16.05	
PERIOD		0.09745	ug/m^3	S_214	980329.92	3741744.77	16.15	0.00	16.15	
PERIOD		0.10551	ug/m^3	S_215	980329.92	3741764.77	16.32	0.00	16.32	
PERIOD		0.11464	ug/m^3	S_216	980329.92	3741784.77	16.51	0.00	16.51	
PERIOD		0.12503	ug/m^3	S_217	980329.92	3741804.77	16.74	0.00	16.74	
PERIOD		0.13692	ug/m^3	S_218	980329.92	3741824.77	17.00	0.00	17.00	
PERIOD		0.15059	ug/m^3	S_219	980329.92	3741844.77	17.28	0.00	17.28	
PERIOD		0.16640	ug/m^3	S_220	980329.92	3741864.77	17.57	0.00	17.57	
PERIOD		0.18481	ug/m^3	S_221	980329.92	3741884.77	17.75	0.00	17.75	
PERIOD		0.20641	ug/m^3	S_222	980329.92	3741904.77	17.84	0.00	17.84	
PERIOD		0.23197	ug/m^3	S_223	980329.92	3741924.77	17.88	0.00	17.88	
PERIOD		0.26248	ug/m^3	S_224	980329.92	3741944.77	18.03	0.00	18.03	
PERIOD		0.29929	ug/m^3	S_225	980329.92	3741964.77	18.30	0.00	18.30	
PERIOD		0.34456	ug/m^3	S_226	980329.92	3741984.77	17.94	0.00	17.94	
PERIOD		0.40087	ug/m^3	S_227	980329.92	3742004.77	17.62	0.00	17.62	
PERIOD		0.47231	ug/m^3	S_228	980329.92	3742024.77	17.39	0.00	17.39	
PERIOD		0.56496	ug/m^3	S_229	980329.92	3742044.77	17.47	0.00	17.47	

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Sensitive Receptor Summary

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.68858	ug/m^3	S_230	980329.92	3742064.77	17.64	0.00	17.64	
PERIOD		0.85855	ug/m^3	S_231	980329.92	3742084.77	17.88	0.00	17.88	
PERIOD		1.09949	ug/m^3	S_232	980329.92	3742104.77	18.07	0.00	18.07	
PERIOD		1.45008	ug/m^3	S_233	980329.92	3742124.77	18.21	0.00	18.21	
PERIOD		1.96968	ug/m^3	S_234	980329.92	3742144.77	18.22	0.00	18.22	
PERIOD		2.74017	ug/m^3	S_235	980329.92	3742164.77	18.20	0.00	18.20	
PERIOD		0.09409	ug/m^3	S_236	980349.92	3741744.77	16.24	0.00	16.24	
PERIOD		0.10159	ug/m^3	S_237	980349.92	3741764.77	16.37	0.00	16.37	
PERIOD		0.11004	ug/m^3	S_238	980349.92	3741784.77	16.56	0.00	16.56	
PERIOD		0.11961	ug/m^3	S_239	980349.92	3741804.77	16.80	0.00	16.80	
PERIOD		0.13048	ug/m^3	S_240	980349.92	3741824.77	17.05	0.00	17.05	
PERIOD		0.14290	ug/m^3	S_241	980349.92	3741844.77	17.32	0.00	17.32	
PERIOD		0.15716	ug/m^3	S_242	980349.92	3741864.77	17.60	0.00	17.60	
PERIOD		0.17364	ug/m^3	S_243	980349.92	3741884.77	17.79	0.00	17.79	
PERIOD		0.19281	ug/m^3	S_244	980349.92	3741904.77	17.90	0.00	17.90	
PERIOD		0.21529	ug/m^3	S_245	980349.92	3741924.77	17.84	0.00	17.84	
PERIOD		0.24187	ug/m^3	S_246	980349.92	3741944.77	17.81	0.00	17.81	
PERIOD		0.27359	ug/m^3	S_247	980349.92	3741964.77	17.84	0.00	17.84	
PERIOD		0.31194	ug/m^3	S_248	980349.92	3741984.77	17.73	0.00	17.73	
PERIOD		0.35898	ug/m^3	S_249	980349.92	3742004.77	17.58	0.00	17.58	

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Sensitive Receptor Summary

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.41762	ug/m^3	S_250	980349.92	3742024.77	17.33	0.00	17.33	
PERIOD		0.49208	ug/m^3	S_251	980349.92	3742044.77	17.37	0.00	17.37	
PERIOD		0.58886	ug/m^3	S_252	980349.92	3742064.77	17.53	0.00	17.53	
PERIOD		0.71779	ug/m^3	S_253	980349.92	3742084.77	17.81	0.00	17.81	
PERIOD		0.89385	ug/m^3	S_254	980349.92	3742104.77	17.98	0.00	17.98	
PERIOD		1.13881	ug/m^3	S_255	980349.92	3742124.77	18.10	0.00	18.10	
PERIOD		1.48227	ug/m^3	S_256	980349.92	3742144.77	18.16	0.00	18.16	
PERIOD		1.95648	ug/m^3	S_257	980349.92	3742164.77	18.18	0.00	18.18	
PERIOD		0.12412	ug/m^3	S_258	980369.92	3741824.77	17.01	0.00	17.01	
PERIOD		0.13537	ug/m^3	S_259	980369.92	3741844.77	17.24	0.00	17.24	
PERIOD		0.14818	ug/m^3	S_260	980369.92	3741864.77	17.49	0.00	17.49	
PERIOD		0.16289	ug/m^3	S_261	980369.92	3741884.77	17.68	0.00	17.68	
PERIOD		0.17985	ug/m^3	S_262	980369.92	3741904.77	17.82	0.00	17.82	
PERIOD		0.19958	ug/m^3	S_263	980369.92	3741924.77	17.71	0.00	17.71	
PERIOD		0.22266	ug/m^3	S_264	980369.92	3741944.77	17.60	0.00	17.60	
PERIOD		0.24992	ug/m^3	S_265	980369.92	3741964.77	17.52	0.00	17.52	
PERIOD		0.28243	ug/m^3	S_266	980369.92	3741984.77	17.46	0.00	17.46	
PERIOD		0.32172	ug/m^3	S_267	980369.92	3742004.77	17.39	0.00	17.39	
PERIOD		0.36990	ug/m^3	S_268	980369.92	3742024.77	17.26	0.00	17.26	
PERIOD		0.42994	ug/m^3	S_269	980369.92	3742044.77	17.32	0.00	17.32	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.50632	ug/m^3	S_270	980369.92	3742064.77	17.47	0.00	17.47	
PERIOD		0.60544	ug/m^3	S_271	980369.92	3742084.77	17.75	0.00	17.75	
PERIOD		0.73685	ug/m^3	S_272	980369.92	3742104.77	17.92	0.00	17.92	
PERIOD		0.91331	ug/m^3	S_273	980369.92	3742124.77	18.02	0.00	18.02	
PERIOD		1.15095	ug/m^3	S_274	980369.92	3742144.77	18.07	0.00	18.07	
PERIOD		0.15265	ug/m^3	S_275	980389.92	3741884.77	17.46	0.00	17.46	
PERIOD		0.16763	ug/m^3	S_276	980389.92	3741904.77	17.62	0.00	17.62	
PERIOD		0.18490	ug/m^3	S_277	980389.92	3741924.77	17.52	0.00	17.52	
PERIOD		0.20492	ug/m^3	S_278	980389.92	3741944.77	17.34	0.00	17.34	
PERIOD		0.22833	ug/m^3	S_279	980389.92	3741964.77	17.07	0.00	17.07	
PERIOD		0.25590	ug/m^3	S_280	980389.92	3741984.77	17.06	0.00	17.06	
PERIOD		0.28876	ug/m^3	S_281	980389.92	3742004.77	17.13	0.00	17.13	
PERIOD		0.32849	ug/m^3	S_282	980389.92	3742024.77	17.14	0.00	17.14	
PERIOD		0.37719	ug/m^3	S_283	980389.92	3742044.77	17.26	0.00	17.26	
PERIOD		0.43801	ug/m^3	S_284	980389.92	3742064.77	17.43	0.00	17.43	
PERIOD		0.51529	ug/m^3	S_285	980389.92	3742084.77	17.71	0.00	17.71	
PERIOD		0.61511	ug/m^3	S_286	980389.92	3742104.77	17.88	0.00	17.88	
PERIOD		0.74553	ug/m^3	S_287	980389.92	3742124.77	17.96	0.00	17.96	
PERIOD		0.18864	ug/m^3	S_288	980409.92	3741944.77	17.05	0.00	17.05	
PERIOD		0.20876	ug/m^3	S_289	980409.92	3741964.77	16.48	0.00	16.48	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.23217	ug/m^3	S_290	980409.92	3741984.77	16.56	0.00	16.56	
PERIOD		0.25974	ug/m^3	S_291	980409.92	3742004.77	16.85	0.00	16.85	
PERIOD		0.29265	ug/m^3	S_292	980409.92	3742024.77	16.99	0.00	16.99	
PERIOD		0.33245	ug/m^3	S_293	980409.92	3742044.77	17.19	0.00	17.19	
PERIOD		0.38131	ug/m^3	S_294	980409.92	3742064.77	17.43	0.00	17.43	
PERIOD		0.44229	ug/m^3	S_295	980409.92	3742084.77	17.69	0.00	17.69	
PERIOD		0.51951	ug/m^3	S_296	980409.92	3742104.77	17.82	0.00	17.82	
PERIOD		0.61826	ug/m^3	S_297	980409.92	3742124.77	17.86	0.00	17.86	
PERIOD		0.19107	ug/m^3	S_298	980429.92	3741964.77	16.39	0.00	16.39	
PERIOD		0.21101	ug/m^3	S_299	980429.92	3741984.77	16.38	0.00	16.38	
PERIOD		0.23426	ug/m^3	S_300	980429.92	3742004.77	16.60	0.00	16.60	
PERIOD		0.26167	ug/m^3	S_301	980429.92	3742024.77	16.84	0.00	16.84	
PERIOD		0.29439	ug/m^3	S_302	980429.92	3742044.77	17.14	0.00	17.14	
PERIOD		0.33403	ug/m^3	S_303	980429.92	3742064.77	17.46	0.00	17.46	
PERIOD		0.38281	ug/m^3	S_304	980429.92	3742084.77	17.66	0.00	17.66	
PERIOD		0.44353	ug/m^3	S_305	980429.92	3742104.77	17.75	0.00	17.75	
PERIOD		0.21187	ug/m^3	S_306	980449.92	3742004.77	16.68	0.00	16.68	
PERIOD		0.23483	ug/m^3	S_307	980449.92	3742024.77	16.90	0.00	16.90	
PERIOD		0.26197	ug/m^3	S_308	980449.92	3742044.77	17.15	0.00	17.15	
PERIOD		0.29447	ug/m^3	S_309	980449.92	3742064.77	17.44	0.00	17.44	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.33397	ug/m^3	S_310	980449.92	3742084.77	17.53	0.00	17.53	
PERIOD		0.21158	ug/m^3	S_311	980469.92	3742024.77	16.97	0.00	16.97	
PERIOD		0.23426	ug/m^3	S_312	980469.92	3742044.77	17.17	0.00	17.17	
PERIOD		0.26117	ug/m^3	S_313	980469.92	3742064.77	17.36	0.00	17.36	
PERIOD		0.29354	ug/m^3	S_314	980469.92	3742084.77	17.43	0.00	17.43	
PERIOD		0.21049	ug/m^3	S_315	980489.92	3742044.77	17.16	0.00	17.16	
PERIOD		0.23299	ug/m^3	S_316	980489.92	3742064.77	17.28	0.00	17.28	
PERIOD		1.42957	ug/m^3	W_001	980404.60	3742206.17	18.79	0.00	18.79	
PERIOD		2.02823	ug/m^3	W_002	980395.70	3742240.27	18.75	0.00	18.75	
PERIOD		0.38015	ug/m^3	W_003	980504.67	3742161.69	18.52	0.00	18.52	
PERIOD		1.37209	ug/m^3	W_004	980443.89	3742297.35	19.09	0.00	19.09	
PERIOD		1.05285	ug/m^3	W_005	980480.95	3742379.63	18.99	0.00	18.99	
PERIOD		0.51759	ug/m^3	W_006	980519.50	3742227.67	18.81	0.00	18.81	
PERIOD		0.48337	ug/m^3	W_007	980546.18	3742255.09	19.11	0.00	19.11	
PERIOD		0.52551	ug/m^3	W_008	980555.82	3742291.42	19.22	0.00	19.22	
PERIOD		0.47611	ug/m^3	W_009	980578.06	3742308.47	19.33	0.00	19.33	
PERIOD		0.45537	ug/m^3	W_010	980601.04	3742345.53	19.42	0.00	19.42	
PERIOD		0.89288	ug/m^3	W_011	980500.96	3742427.81	19.03	0.00	19.03	
PERIOD		0.78695	ug/m^3	W_012	980518.78	3742452.39	19.29	0.00	19.29	
PERIOD		0.42098	ug/m^3	W_013	980625.18	3742376.52	19.47	0.00	19.47	

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.41148	ug/m^3	W_014	980640.01	3742414.89	19.45	0.00	19.45	
PERIOD		0.60621	ug/m^3	W_015	980561.52	3742496.87	19.93	0.00	19.93	
PERIOD		0.37955	ug/m^3	W_016	980665.30	3742472.45	19.69	0.00	19.69	
PERIOD		0.65678	ug/m^3	W_017	980513.48	3742577.06	19.19	0.00	19.19	
PERIOD		0.32684	ug/m^3	W_018	979899.40	3742334.47	19.24	0.00	19.24	
PERIOD		0.85865	ug/m^3	W_019	979936.77	3742099.68	17.99	0.00	17.99	
PERIOD		0.16502	ug/m^3	W_020	979761.24	3742285.82	19.04	0.00	19.04	
PERIOD		0.16374	ug/m^3	W_021	979733.51	3742181.86	18.30	0.00	18.30	
PERIOD		0.77286	ug/m^3	W_022	979924.14	3742077.70	17.92	0.00	17.92	
PERIOD		0.21970	ug/m^3	W_023	979822.04	3741883.42	17.43	0.00	17.43	
PERIOD		0.13970	ug/m^3	W_024	979674.08	3742101.64	18.09	0.00	18.09	
PERIOD		0.21806	ug/m^3	W_025	979851.61	3742394.38	19.48	0.00	19.48	
PERIOD		0.26727	ug/m^3	W_026	979873.78	3742356.02	19.42	0.00	19.42	
PERIOD		0.08402	ug/m^3	W_027	979586.82	3742234.43	19.12	0.00	19.12	
PERIOD		0.09501	ug/m^3	W_028	979600.20	3742183.36	18.86	0.00	18.86	
PERIOD		0.07958	ug/m^3	W_029	979550.35	3742193.09	18.98	0.00	18.98	
PERIOD		0.11022	ug/m^3	W_030	979618.44	3742121.35	18.69	0.00	18.69	
PERIOD		0.32207	ug/m^3	W_031	979858.81	3741944.73	17.56	0.00	17.56	
PERIOD		0.16290	ug/m^3	W_032	979760.89	3741849.21	17.63	0.00	17.63	
1-HR	1ST	54.39653	ug/m^3	RES_001	979660.30	3742498.81	19.96	0.00	19.96	1/17/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	58.59176	ug/m^3	RES_002	979660.30	3742518.81	20.04	0.00	20.04	1/17/2023, 8
1-HR	1ST	62.28373	ug/m^3	RES_003	979660.30	3742538.81	20.10	0.00	20.10	1/17/2023, 8
1-HR	1ST	65.42759	ug/m^3	RES_004	979660.30	3742558.81	20.16	0.00	20.16	1/17/2023, 8
1-HR	1ST	67.92584	ug/m^3	RES_005	979660.30	3742578.81	20.25	0.00	20.25	1/17/2023, 8
1-HR	1ST	69.73515	ug/m^3	RES_006	979660.30	3742598.81	20.26	0.00	20.26	1/17/2023, 8
1-HR	1ST	70.79520	ug/m^3	RES_007	979660.30	3742618.81	20.30	0.00	20.30	1/17/2023, 8
1-HR	1ST	71.06343	ug/m^3	RES_008	979660.30	3742638.81	20.42	0.00	20.42	1/17/2023, 8
1-HR	1ST	70.53211	ug/m^3	RES_009	979660.30	3742658.81	20.49	0.00	20.49	1/17/2023, 8
1-HR	1ST	69.22710	ug/m^3	RES_010	979660.30	3742678.81	20.53	0.00	20.53	1/17/2023, 8
1-HR	1ST	67.14224	ug/m^3	RES_011	979660.30	3742698.81	20.51	0.00	20.51	1/17/2023, 8
1-HR	1ST	64.40451	ug/m^3	RES_012	979660.30	3742718.81	20.73	0.00	20.73	1/17/2023, 8
1-HR	1ST	61.05098	ug/m^3	RES_013	979660.30	3742738.81	21.08	0.00	21.08	1/17/2023, 8
1-HR	1ST	57.26443	ug/m^3	RES_014	979660.30	3742758.81	21.12	0.00	21.12	1/17/2023, 8
1-HR	1ST	53.11747	ug/m^3	RES_015	979660.30	3742778.81	21.10	0.00	21.10	1/17/2023, 8
1-HR	1ST	60.59957	ug/m^3	RES_016	979680.30	3742498.81	20.06	0.00	20.06	1/17/2023, 8
1-HR	1ST	64.50955	ug/m^3	RES_017	979680.30	3742518.81	20.14	0.00	20.14	1/17/2023, 8
1-HR	1ST	67.83693	ug/m^3	RES_018	979680.30	3742538.81	20.21	0.00	20.21	1/17/2023, 8
1-HR	1ST	70.51699	ug/m^3	RES_019	979680.30	3742558.81	20.28	0.00	20.28	1/17/2023, 8
1-HR	1ST	72.47848	ug/m^3	RES_020	979680.30	3742578.81	20.34	0.00	20.34	1/17/2023, 8
1-HR	1ST	73.64943	ug/m^3	RES_021	979680.30	3742598.81	20.33	0.00	20.33	1/17/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
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PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	74.00140	ug/m^3	RES_022	979680.30	3742618.81	20.35	0.00	20.35	1/17/2023, 8
1-HR	1ST	73.49848	ug/m^3	RES_023	979680.30	3742638.81	20.51	0.00	20.51	1/17/2023, 8
1-HR	1ST	72.13357	ug/m^3	RES_024	979680.30	3742658.81	20.64	0.00	20.64	1/17/2023, 8
1-HR	1ST	69.99460	ug/m^3	RES_025	979680.30	3742678.81	20.73	0.00	20.73	1/17/2023, 8
1-HR	1ST	67.13533	ug/m^3	RES_026	979680.30	3742698.81	20.68	0.00	20.68	1/17/2023, 8
1-HR	1ST	63.60522	ug/m^3	RES_027	979680.30	3742718.81	20.93	0.00	20.93	1/17/2023, 8
1-HR	1ST	59.56400	ug/m^3	RES_028	979680.30	3742738.81	21.36	0.00	21.36	1/17/2023, 8
1-HR	1ST	55.17182	ug/m^3	RES_029	979680.30	3742758.81	21.30	0.00	21.30	1/17/2023, 8
1-HR	1ST	50.54087	ug/m^3	RES_030	979680.30	3742778.81	21.17	0.00	21.17	1/17/2023, 8
1-HR	1ST	51.95811	ug/m^3	RES_031	979680.30	3742798.81	20.96	0.00	20.96	12/13/2023, 8
1-HR	1ST	66.89687	ug/m^3	RES_032	979700.30	3742498.81	20.19	0.00	20.19	1/17/2023, 8
1-HR	1ST	70.41955	ug/m^3	RES_033	979700.30	3742518.81	20.27	0.00	20.27	1/17/2023, 8
1-HR	1ST	73.26611	ug/m^3	RES_034	979700.30	3742538.81	20.36	0.00	20.36	1/17/2023, 8
1-HR	1ST	75.37549	ug/m^3	RES_035	979700.30	3742558.81	20.44	0.00	20.44	1/17/2023, 8
1-HR	1ST	76.67643	ug/m^3	RES_036	979700.30	3742578.81	20.47	0.00	20.47	1/17/2023, 8
1-HR	1ST	77.12150	ug/m^3	RES_037	979700.30	3742598.81	20.47	0.00	20.47	1/17/2023, 8
1-HR	1ST	76.65283	ug/m^3	RES_038	979700.30	3742618.81	20.50	0.00	20.50	1/17/2023, 8
1-HR	1ST	75.29449	ug/m^3	RES_039	979700.30	3742638.81	20.68	0.00	20.68	1/17/2023, 8
1-HR	1ST	73.07386	ug/m^3	RES_040	979700.30	3742658.81	20.81	0.00	20.81	1/17/2023, 8
1-HR	1ST	70.03665	ug/m^3	RES_041	979700.30	3742678.81	20.90	0.00	20.90	1/17/2023, 8

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Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	66.35447	ug/m^3	RES_042	979700.30	3742698.81	20.85	0.00	20.85	1/17/2023, 8
1-HR	1ST	62.08392	ug/m^3	RES_043	979700.30	3742718.81	21.07	0.00	21.07	1/17/2023, 8
1-HR	1ST	57.38389	ug/m^3	RES_044	979700.30	3742738.81	21.49	0.00	21.49	1/17/2023, 8
1-HR	1ST	53.47752	ug/m^3	RES_045	979700.30	3742758.81	21.39	0.00	21.39	12/13/2023, 8
1-HR	1ST	55.30869	ug/m^3	RES_046	979700.30	3742778.81	21.24	0.00	21.24	12/13/2023, 8
1-HR	1ST	56.85248	ug/m^3	RES_047	979700.30	3742798.81	21.05	0.00	21.05	12/13/2023, 8
1-HR	1ST	73.19367	ug/m^3	RES_048	979720.30	3742498.81	20.32	0.00	20.32	1/17/2023, 8
1-HR	1ST	76.22046	ug/m^3	RES_049	979720.30	3742518.81	20.42	0.00	20.42	1/17/2023, 8
1-HR	1ST	78.47081	ug/m^3	RES_050	979720.30	3742538.81	20.51	0.00	20.51	1/17/2023, 8
1-HR	1ST	79.90450	ug/m^3	RES_051	979720.30	3742558.81	20.58	0.00	20.58	1/17/2023, 8
1-HR	1ST	80.43368	ug/m^3	RES_052	979720.30	3742578.81	20.59	0.00	20.59	1/17/2023, 8
1-HR	1ST	80.03788	ug/m^3	RES_053	979720.30	3742598.81	20.61	0.00	20.61	1/17/2023, 8
1-HR	1ST	78.67214	ug/m^3	RES_054	979720.30	3742618.81	20.65	0.00	20.65	1/17/2023, 8
1-HR	1ST	76.35377	ug/m^3	RES_055	979720.30	3742638.81	20.85	0.00	20.85	1/17/2023, 8
1-HR	1ST	73.19980	ug/m^3	RES_056	979720.30	3742658.81	20.98	0.00	20.98	1/17/2023, 8
1-HR	1ST	69.29809	ug/m^3	RES_057	979720.30	3742678.81	21.05	0.00	21.05	1/17/2023, 8
1-HR	1ST	64.77556	ug/m^3	RES_058	979720.30	3742698.81	21.03	0.00	21.03	1/17/2023, 8
1-HR	1ST	59.79754	ug/m^3	RES_059	979720.30	3742718.81	21.21	0.00	21.21	1/17/2023, 8
1-HR	1ST	57.09676	ug/m^3	RES_060	979720.30	3742738.81	21.59	0.00	21.59	12/13/2023, 8
1-HR	1ST	58.86566	ug/m^3	RES_061	979720.30	3742758.81	21.48	0.00	21.48	12/13/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	60.33721	ug/m^3	RES_062	979720.30	3742778.81	21.36	0.00	21.36	12/13/2023, 8
1-HR	1ST	76.19330	ug/m^3	RES_063	979740.30	3742478.81	20.28	0.00	20.28	1/17/2023, 8
1-HR	1ST	79.39440	ug/m^3	RES_064	979740.30	3742498.81	20.42	0.00	20.42	1/17/2023, 8
1-HR	1ST	81.80844	ug/m^3	RES_065	979740.30	3742518.81	20.52	0.00	20.52	1/17/2023, 8
1-HR	1ST	83.37685	ug/m^3	RES_066	979740.30	3742538.81	20.61	0.00	20.61	1/17/2023, 8
1-HR	1ST	84.01769	ug/m^3	RES_067	979740.30	3742558.81	20.68	0.00	20.68	1/17/2023, 8
1-HR	1ST	83.66929	ug/m^3	RES_068	979740.30	3742578.81	20.70	0.00	20.70	1/17/2023, 8
1-HR	1ST	82.30043	ug/m^3	RES_069	979740.30	3742598.81	20.74	0.00	20.74	1/17/2023, 8
1-HR	1ST	79.94754	ug/m^3	RES_070	979740.30	3742618.81	20.80	0.00	20.80	1/17/2023, 8
1-HR	1ST	76.61947	ug/m^3	RES_071	979740.30	3742638.81	21.00	0.00	21.00	1/17/2023, 8
1-HR	1ST	72.47181	ug/m^3	RES_072	979740.30	3742658.81	21.11	0.00	21.11	1/17/2023, 8
1-HR	1ST	67.68530	ug/m^3	RES_073	979740.30	3742678.81	21.15	0.00	21.15	1/17/2023, 8
1-HR	1ST	62.38209	ug/m^3	RES_074	979740.30	3742698.81	21.19	0.00	21.19	1/17/2023, 8
1-HR	1ST	60.97982	ug/m^3	RES_075	979740.30	3742718.81	21.35	0.00	21.35	12/13/2023, 8
1-HR	1ST	62.65284	ug/m^3	RES_076	979740.30	3742738.81	21.67	0.00	21.67	12/13/2023, 8
1-HR	1ST	64.01334	ug/m^3	RES_077	979740.30	3742758.81	21.55	0.00	21.55	12/13/2023, 8
1-HR	1ST	65.02480	ug/m^3	RES_078	979740.30	3742778.81	21.39	0.00	21.39	12/13/2023, 8
1-HR	1ST	82.82350	ug/m^3	RES_079	979760.30	3742478.81	20.37	0.00	20.37	1/17/2023, 8
1-HR	1ST	85.39821	ug/m^3	RES_080	979760.30	3742498.81	20.44	0.00	20.44	1/17/2023, 8
1-HR	1ST	87.10281	ug/m^3	RES_081	979760.30	3742518.81	20.54	0.00	20.54	1/17/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	87.84606	ug/m^3	RES_082	979760.30	3742538.81	20.64	0.00	20.64	1/17/2023, 8
1-HR	1ST	87.56115	ug/m^3	RES_083	979760.30	3742558.81	20.74	0.00	20.74	1/17/2023, 8
1-HR	1ST	86.21189	ug/m^3	RES_084	979760.30	3742578.81	20.80	0.00	20.80	1/17/2023, 8
1-HR	1ST	83.76973	ug/m^3	RES_085	979760.30	3742598.81	20.87	0.00	20.87	1/17/2023, 8
1-HR	1ST	80.30526	ug/m^3	RES_086	979760.30	3742618.81	20.96	0.00	20.96	1/17/2023, 8
1-HR	1ST	75.93720	ug/m^3	RES_087	979760.30	3742638.81	21.15	0.00	21.15	1/17/2023, 8
1-HR	1ST	70.83939	ug/m^3	RES_088	979760.30	3742658.81	21.25	0.00	21.25	1/17/2023, 8
1-HR	1ST	65.18270	ug/m^3	RES_089	979760.30	3742678.81	21.25	0.00	21.25	1/17/2023, 8
1-HR	1ST	65.12915	ug/m^3	RES_090	979760.30	3742698.81	21.33	0.00	21.33	12/13/2023, 8
1-HR	1ST	66.69069	ug/m^3	RES_091	979760.30	3742718.81	21.49	0.00	21.49	12/13/2023, 8
1-HR	1ST	67.91340	ug/m^3	RES_092	979760.30	3742738.81	21.72	0.00	21.72	12/13/2023, 8
1-HR	1ST	68.76292	ug/m^3	RES_093	979760.30	3742758.81	21.61	0.00	21.61	12/13/2023, 8
1-HR	1ST	69.23195	ug/m^3	RES_094	979760.30	3742778.81	21.46	0.00	21.46	12/13/2023, 8
1-HR	1ST	89.24946	ug/m^3	RES_095	979780.30	3742478.81	20.44	0.00	20.44	1/17/2023, 8
1-HR	1ST	91.10768	ug/m^3	RES_096	979780.30	3742498.81	20.50	0.00	20.50	1/17/2023, 8
1-HR	1ST	91.97755	ug/m^3	RES_097	979780.30	3742518.81	20.56	0.00	20.56	1/17/2023, 8
1-HR	1ST	91.77548	ug/m^3	RES_098	979780.30	3742538.81	20.66	0.00	20.66	1/17/2023, 8
1-HR	1ST	90.44069	ug/m^3	RES_099	979780.30	3742558.81	20.77	0.00	20.77	1/17/2023, 8
1-HR	1ST	87.95375	ug/m^3	RES_100	979780.30	3742578.81	20.84	0.00	20.84	1/17/2023, 8
1-HR	1ST	84.34887	ug/m^3	RES_101	979780.30	3742598.81	20.96	0.00	20.96	1/17/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	79.73266	ug/m^3	RES_102	979780.30	3742618.81	21.13	0.00	21.13	1/17/2023, 8
1-HR	1ST	74.27673	ug/m^3	RES_103	979780.30	3742638.81	21.32	0.00	21.32	1/17/2023, 8
1-HR	1ST	68.21091	ug/m^3	RES_104	979780.30	3742658.81	21.40	0.00	21.40	1/17/2023, 8
1-HR	1ST	69.53246	ug/m^3	RES_105	979780.30	3742678.81	21.35	0.00	21.35	12/13/2023, 8
1-HR	1ST	70.98795	ug/m^3	RES_106	979780.30	3742698.81	21.44	0.00	21.44	12/13/2023, 8
1-HR	1ST	72.05132	ug/m^3	RES_107	979780.30	3742718.81	21.57	0.00	21.57	12/13/2023, 8
1-HR	1ST	72.70095	ug/m^3	RES_108	979780.30	3742738.81	21.71	0.00	21.71	12/13/2023, 8
1-HR	1ST	72.95442	ug/m^3	RES_109	979780.30	3742758.81	21.60	0.00	21.60	12/13/2023, 8
1-HR	1ST	72.75433	ug/m^3	RES_110	979780.30	3742778.81	21.48	0.00	21.48	12/13/2023, 8
1-HR	1ST	95.41847	ug/m^3	RES_111	979800.30	3742478.81	20.53	0.00	20.53	1/17/2023, 8
1-HR	1ST	96.41426	ug/m^3	RES_112	979800.30	3742498.81	20.59	0.00	20.59	1/17/2023, 8
1-HR	1ST	96.33182	ug/m^3	RES_113	979800.30	3742518.81	20.62	0.00	20.62	1/17/2023, 8
1-HR	1ST	95.03407	ug/m^3	RES_114	979800.30	3742538.81	20.73	0.00	20.73	1/17/2023, 8
1-HR	1ST	92.47210	ug/m^3	RES_115	979800.30	3742558.81	20.91	0.00	20.91	1/17/2023, 8
1-HR	1ST	88.71345	ug/m^3	RES_116	979800.30	3742578.81	21.00	0.00	21.00	1/17/2023, 8
1-HR	1ST	83.83707	ug/m^3	RES_117	979800.30	3742598.81	21.10	0.00	21.10	1/17/2023, 8
1-HR	1ST	78.03906	ug/m^3	RES_118	979800.30	3742618.81	21.22	0.00	21.22	1/17/2023, 8
1-HR	1ST	72.55210	ug/m^3	RES_119	979800.30	3742638.81	21.42	0.00	21.42	12/13/2023, 8
1-HR	1ST	74.21745	ug/m^3	RES_120	979800.30	3742658.81	21.51	0.00	21.51	12/13/2023, 8
1-HR	1ST	75.53302	ug/m^3	RES_121	979800.30	3742678.81	21.41	0.00	21.41	12/13/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	76.42625	ug/m^3	RES_122	979800.30	3742698.81	21.47	0.00	21.47	12/13/2023, 8
1-HR	1ST	76.89045	ug/m^3	RES_123	979800.30	3742718.81	21.56	0.00	21.56	12/13/2023, 8
1-HR	1ST	76.85297	ug/m^3	RES_124	979800.30	3742738.81	21.62	0.00	21.62	12/13/2023, 8
1-HR	1ST	76.41619	ug/m^3	RES_125	979800.30	3742758.81	21.50	0.00	21.50	12/13/2023, 8
1-HR	1ST	75.44907	ug/m^3	RES_126	979800.30	3742778.81	21.39	0.00	21.39	12/13/2023, 8
1-HR	1ST	101.18683	ug/m^3	RES_127	979820.30	3742478.81	20.72	0.00	20.72	1/17/2023, 8
1-HR	1ST	101.19857	ug/m^3	RES_128	979820.30	3742498.81	20.79	0.00	20.79	1/17/2023, 8
1-HR	1ST	99.95908	ug/m^3	RES_129	979820.30	3742518.81	20.81	0.00	20.81	1/17/2023, 8
1-HR	1ST	97.40932	ug/m^3	RES_130	979820.30	3742538.81	20.90	0.00	20.90	1/17/2023, 8
1-HR	1ST	93.49797	ug/m^3	RES_131	979820.30	3742558.81	21.04	0.00	21.04	1/17/2023, 8
1-HR	1ST	88.36920	ug/m^3	RES_132	979820.30	3742578.81	21.08	0.00	21.08	1/17/2023, 8
1-HR	1ST	82.19142	ug/m^3	RES_133	979820.30	3742598.81	21.14	0.00	21.14	1/17/2023, 8
1-HR	1ST	77.71226	ug/m^3	RES_134	979820.30	3742618.81	21.24	0.00	21.24	12/13/2023, 8
1-HR	1ST	79.22433	ug/m^3	RES_135	979820.30	3742638.81	21.47	0.00	21.47	12/13/2023, 8
1-HR	1ST	80.35011	ug/m^3	RES_136	979820.30	3742658.81	21.57	0.00	21.57	12/13/2023, 8
1-HR	1ST	81.06133	ug/m^3	RES_137	979820.30	3742678.81	21.38	0.00	21.38	12/13/2023, 8
1-HR	1ST	81.28805	ug/m^3	RES_138	979820.30	3742698.81	21.37	0.00	21.37	12/13/2023, 8
1-HR	1ST	81.00030	ug/m^3	RES_139	979820.30	3742718.81	21.41	0.00	21.41	12/13/2023, 8
1-HR	1ST	80.19046	ug/m^3	RES_140	979820.30	3742738.81	21.44	0.00	21.44	12/13/2023, 8
1-HR	1ST	78.91010	ug/m^3	RES_141	979820.30	3742758.81	21.28	0.00	21.28	12/13/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	77.13475	ug/m^3	RES_142	979820.30	3742778.81	21.08	0.00	21.08	12/13/2023, 8
1-HR	1ST	106.46098	ug/m^3	RES_143	979840.30	3742478.81	20.99	0.00	20.99	1/17/2023, 8
1-HR	1ST	105.28494	ug/m^3	RES_144	979840.30	3742498.81	21.12	0.00	21.12	1/17/2023, 8
1-HR	1ST	102.74006	ug/m^3	RES_145	979840.30	3742518.81	21.15	0.00	21.15	1/17/2023, 8
1-HR	1ST	98.73194	ug/m^3	RES_146	979840.30	3742538.81	21.18	0.00	21.18	1/17/2023, 8
1-HR	1ST	93.33826	ug/m^3	RES_147	979840.30	3742558.81	21.19	0.00	21.19	1/17/2023, 8
1-HR	1ST	86.77810	ug/m^3	RES_148	979840.30	3742578.81	21.11	0.00	21.11	1/17/2023, 8
1-HR	1ST	83.25671	ug/m^3	RES_149	979840.30	3742598.81	21.08	0.00	21.08	12/13/2023, 8
1-HR	1ST	84.59718	ug/m^3	RES_150	979840.30	3742618.81	21.14	0.00	21.14	12/13/2023, 8
1-HR	1ST	85.52607	ug/m^3	RES_151	979840.30	3742638.81	21.27	0.00	21.27	12/13/2023, 8
1-HR	1ST	85.99929	ug/m^3	RES_152	979840.30	3742658.81	21.32	0.00	21.32	12/13/2023, 8
1-HR	1ST	85.94091	ug/m^3	RES_153	979840.30	3742678.81	21.15	0.00	21.15	12/13/2023, 8
1-HR	1ST	85.36477	ug/m^3	RES_154	979840.30	3742698.81	21.15	0.00	21.15	12/13/2023, 8
1-HR	1ST	84.18702	ug/m^3	RES_155	979840.30	3742718.81	21.20	0.00	21.20	12/13/2023, 8
1-HR	1ST	82.47945	ug/m^3	RES_156	979840.30	3742738.81	21.19	0.00	21.19	12/13/2023, 8
1-HR	1ST	80.25670	ug/m^3	RES_157	979840.30	3742758.81	21.07	0.00	21.07	12/13/2023, 8
1-HR	1ST	79.28136	ug/m^3	RES_158	979840.30	3742778.81	20.91	0.00	20.91	1/28/2020, 8
1-HR	1ST	111.17130	ug/m^3	RES_159	979860.30	3742478.81	21.09	0.00	21.09	1/17/2023, 8
1-HR	1ST	108.58050	ug/m^3	RES_160	979860.30	3742498.81	21.28	0.00	21.28	1/17/2023, 8
1-HR	1ST	104.44258	ug/m^3	RES_161	979860.30	3742518.81	21.44	0.00	21.44	1/17/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	98.75122	ug/m^3	RES_162	979860.30	3742538.81	21.51	0.00	21.51	1/17/2023, 8
1-HR	1ST	91.74774	ug/m^3	RES_163	979860.30	3742558.81	21.42	0.00	21.42	1/17/2023, 8
1-HR	1ST	89.12830	ug/m^3	RES_164	979860.30	3742578.81	21.18	0.00	21.18	12/13/2023, 8
1-HR	1ST	90.31899	ug/m^3	RES_165	979860.30	3742598.81	20.98	0.00	20.98	12/13/2023, 8
1-HR	1ST	91.05177	ug/m^3	RES_166	979860.30	3742618.81	20.95	0.00	20.95	12/13/2023, 8
1-HR	1ST	91.27009	ug/m^3	RES_167	979860.30	3742638.81	20.95	0.00	20.95	12/13/2023, 8
1-HR	1ST	90.92770	ug/m^3	RES_168	979860.30	3742658.81	20.95	0.00	20.95	12/13/2023, 8
1-HR	1ST	89.94906	ug/m^3	RES_169	979860.30	3742678.81	20.92	0.00	20.92	12/13/2023, 8
1-HR	1ST	88.37961	ug/m^3	RES_170	979860.30	3742698.81	20.98	0.00	20.98	12/13/2023, 8
1-HR	1ST	86.18436	ug/m^3	RES_171	979860.30	3742718.81	21.06	0.00	21.06	12/13/2023, 8
1-HR	1ST	84.40591	ug/m^3	RES_172	979860.30	3742738.81	21.00	0.00	21.00	1/28/2020, 8
1-HR	1ST	83.53576	ug/m^3	RES_173	979860.30	3742758.81	20.91	0.00	20.91	1/28/2020, 8
1-HR	1ST	82.25257	ug/m^3	RES_174	979860.30	3742778.81	20.80	0.00	20.80	1/28/2020, 8
1-HR	1ST	117.63360	ug/m^3	RES_175	979880.30	3742458.81	20.87	0.00	20.87	1/17/2023, 8
1-HR	1ST	115.09660	ug/m^3	RES_176	979880.30	3742478.81	21.14	0.00	21.14	1/17/2023, 8
1-HR	1ST	110.85803	ug/m^3	RES_177	979880.30	3742498.81	21.35	0.00	21.35	1/17/2023, 8
1-HR	1ST	104.87197	ug/m^3	RES_178	979880.30	3742518.81	21.52	0.00	21.52	1/17/2023, 8
1-HR	1ST	97.34553	ug/m^3	RES_179	979880.30	3742538.81	21.61	0.00	21.61	1/17/2023, 8
1-HR	1ST	95.34919	ug/m^3	RES_180	979880.30	3742558.81	21.56	0.00	21.56	12/13/2023, 8
1-HR	1ST	96.35716	ug/m^3	RES_181	979880.30	3742578.81	21.27	0.00	21.27	12/13/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	96.88967	ug/m^3	RES_182	979880.30	3742598.81	21.04	0.00	21.04	12/13/2023, 8
1-HR	1ST	96.81978	ug/m^3	RES_183	979880.30	3742618.81	21.14	0.00	21.14	12/13/2023, 8
1-HR	1ST	96.13805	ug/m^3	RES_184	979880.30	3742638.81	21.17	0.00	21.17	12/13/2023, 8
1-HR	1ST	94.78060	ug/m^3	RES_185	979880.30	3742658.81	21.16	0.00	21.16	12/13/2023, 8
1-HR	1ST	92.72919	ug/m^3	RES_186	979880.30	3742678.81	21.04	0.00	21.04	12/13/2023, 8
1-HR	1ST	90.07283	ug/m^3	RES_187	979880.30	3742698.81	21.05	0.00	21.05	1/28/2020, 8
1-HR	1ST	89.23174	ug/m^3	RES_188	979880.30	3742718.81	21.11	0.00	21.11	1/28/2020, 8
1-HR	1ST	87.93455	ug/m^3	RES_189	979880.30	3742738.81	20.96	0.00	20.96	1/28/2020, 8
1-HR	1ST	86.11470	ug/m^3	RES_190	979880.30	3742758.81	20.81	0.00	20.81	1/28/2020, 8
1-HR	1ST	122.33465	ug/m^3	RES_191	979900.30	3742458.81	20.86	0.00	20.86	1/17/2023, 8
1-HR	1ST	118.01502	ug/m^3	RES_192	979900.30	3742478.81	21.10	0.00	21.10	1/17/2023, 8
1-HR	1ST	111.78362	ug/m^3	RES_193	979900.30	3742498.81	21.29	0.00	21.29	1/17/2023, 8
1-HR	1ST	103.66606	ug/m^3	RES_194	979900.30	3742518.81	21.47	0.00	21.47	1/17/2023, 8
1-HR	1ST	102.08323	ug/m^3	RES_195	979900.30	3742538.81	21.58	0.00	21.58	12/13/2023, 8
1-HR	1ST	102.83478	ug/m^3	RES_196	979900.30	3742558.81	21.58	0.00	21.58	12/13/2023, 8
1-HR	1ST	103.16235	ug/m^3	RES_197	979900.30	3742578.81	21.34	0.00	21.34	12/13/2023, 8
1-HR	1ST	102.84782	ug/m^3	RES_198	979900.30	3742598.81	21.13	0.00	21.13	12/13/2023, 8
1-HR	1ST	101.74840	ug/m^3	RES_199	979900.30	3742618.81	21.26	0.00	21.26	12/13/2023, 8
1-HR	1ST	99.90889	ug/m^3	RES_200	979900.30	3742638.81	21.32	0.00	21.32	12/13/2023, 8
1-HR	1ST	97.28935	ug/m^3	RES_201	979900.30	3742658.81	21.32	0.00	21.32	12/13/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	95.54692	ug/m^3	RES_202	979900.30	3742678.81	21.20	0.00	21.20	1/28/2020, 8
1-HR	1ST	94.23613	ug/m^3	RES_203	979900.30	3742698.81	21.23	0.00	21.23	1/28/2020, 8
1-HR	1ST	92.35434	ug/m^3	RES_204	979900.30	3742718.81	21.34	0.00	21.34	1/28/2020, 8
1-HR	1ST	90.00826	ug/m^3	RES_205	979900.30	3742738.81	21.12	0.00	21.12	1/28/2020, 8
1-HR	1ST	87.16013	ug/m^3	RES_206	979900.30	3742758.81	20.80	0.00	20.80	1/28/2020, 8
1-HR	1ST	126.14298	ug/m^3	RES_207	979920.30	3742458.81	20.79	0.00	20.79	1/17/2023, 8
1-HR	1ST	119.58709	ug/m^3	RES_208	979920.30	3742478.81	20.98	0.00	20.98	1/17/2023, 8
1-HR	1ST	110.86897	ug/m^3	RES_209	979920.30	3742498.81	21.17	0.00	21.17	1/17/2023, 8
1-HR	1ST	109.40554	ug/m^3	RES_210	979920.30	3742518.81	21.36	0.00	21.36	12/13/2023, 8
1-HR	1ST	109.93871	ug/m^3	RES_211	979920.30	3742538.81	21.52	0.00	21.52	12/13/2023, 8
1-HR	1ST	109.97897	ug/m^3	RES_212	979920.30	3742558.81	21.53	0.00	21.53	12/13/2023, 8
1-HR	1ST	109.34432	ug/m^3	RES_213	979920.30	3742578.81	21.34	0.00	21.34	12/13/2023, 8
1-HR	1ST	107.85424	ug/m^3	RES_214	979920.30	3742598.81	21.16	0.00	21.16	12/13/2023, 8
1-HR	1ST	105.41857	ug/m^3	RES_215	979920.30	3742618.81	21.36	0.00	21.36	12/13/2023, 8
1-HR	1ST	102.57377	ug/m^3	RES_216	979920.30	3742638.81	21.43	0.00	21.43	1/28/2020, 8
1-HR	1ST	101.30272	ug/m^3	RES_217	979920.30	3742658.81	21.41	0.00	21.41	1/28/2020, 8
1-HR	1ST	99.44762	ug/m^3	RES_218	979920.30	3742678.81	21.33	0.00	21.33	1/28/2020, 8
1-HR	1ST	96.92102	ug/m^3	RES_219	979920.30	3742698.81	21.37	0.00	21.37	1/28/2020, 8
1-HR	1ST	93.82764	ug/m^3	RES_220	979920.30	3742718.81	21.50	0.00	21.50	1/28/2020, 8
1-HR	1ST	90.30780	ug/m^3	RES_221	979920.30	3742738.81	21.21	0.00	21.21	1/28/2020, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	86.37413	ug/m^3	RES_222	979920.30	3742758.81	20.94	0.00	20.94	1/28/2020, 8
1-HR	1ST	128.40029	ug/m^3	RES_223	979940.30	3742458.81	20.69	0.00	20.69	1/17/2023, 8
1-HR	1ST	119.03525	ug/m^3	RES_224	979940.30	3742478.81	20.87	0.00	20.87	1/17/2023, 8
1-HR	1ST	117.36716	ug/m^3	RES_225	979940.30	3742498.81	21.09	0.00	21.09	12/13/2023, 8
1-HR	1ST	117.73662	ug/m^3	RES_226	979940.30	3742518.81	21.34	0.00	21.34	12/13/2023, 8
1-HR	1ST	117.50453	ug/m^3	RES_227	979940.30	3742538.81	21.51	0.00	21.51	12/13/2023, 8
1-HR	1ST	116.48137	ug/m^3	RES_228	979940.30	3742558.81	21.42	0.00	21.42	12/13/2023, 8
1-HR	1ST	114.47230	ug/m^3	RES_229	979940.30	3742578.81	21.26	0.00	21.26	12/13/2023, 8
1-HR	1ST	111.42356	ug/m^3	RES_230	979940.30	3742598.81	21.12	0.00	21.12	12/13/2023, 8
1-HR	1ST	109.31431	ug/m^3	RES_231	979940.30	3742618.81	21.38	0.00	21.38	1/28/2020, 8
1-HR	1ST	107.43301	ug/m^3	RES_232	979940.30	3742638.81	21.47	0.00	21.47	1/28/2020, 8
1-HR	1ST	104.83701	ug/m^3	RES_233	979940.30	3742658.81	21.42	0.00	21.42	1/28/2020, 8
1-HR	1ST	101.55498	ug/m^3	RES_234	979940.30	3742678.81	21.39	0.00	21.39	1/28/2020, 8
1-HR	1ST	97.67387	ug/m^3	RES_235	979940.30	3742698.81	21.43	0.00	21.43	1/28/2020, 8
1-HR	1ST	93.26126	ug/m^3	RES_236	979940.30	3742718.81	21.54	0.00	21.54	1/28/2020, 8
1-HR	1ST	88.55193	ug/m^3	RES_237	979940.30	3742738.81	21.21	0.00	21.21	1/28/2020, 8
1-HR	1ST	83.55010	ug/m^3	RES_238	979940.30	3742758.81	20.96	0.00	20.96	1/28/2020, 8
1-HR	1ST	128.39967	ug/m^3	RES_239	979960.30	3742458.81	20.56	0.00	20.56	1/17/2023, 8
1-HR	1ST	126.18481	ug/m^3	RES_240	979960.30	3742478.81	20.73	0.00	20.73	12/13/2023, 8
1-HR	1ST	126.44503	ug/m^3	RES_241	979960.30	3742498.81	20.96	0.00	20.96	12/13/2023, 8

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Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	125.98121	ug/m^3	RES_242	979960.30	3742518.81	21.20	0.00	21.20	12/13/2023, 8
1-HR	1ST	124.44846	ug/m^3	RES_243	979960.30	3742538.81	21.38	0.00	21.38	12/13/2023, 8
1-HR	1ST	121.81291	ug/m^3	RES_244	979960.30	3742558.81	21.25	0.00	21.25	12/13/2023, 8
1-HR	1ST	118.41141	ug/m^3	RES_245	979960.30	3742578.81	21.11	0.00	21.11	1/28/2020, 8
1-HR	1ST	116.66487	ug/m^3	RES_246	979960.30	3742598.81	21.00	0.00	21.00	1/28/2020, 8
1-HR	1ST	113.97592	ug/m^3	RES_247	979960.30	3742618.81	21.29	0.00	21.29	1/28/2020, 8
1-HR	1ST	110.47548	ug/m^3	RES_248	979960.30	3742638.81	21.40	0.00	21.40	1/28/2020, 8
1-HR	1ST	106.24183	ug/m^3	RES_249	979960.30	3742658.81	21.34	0.00	21.34	1/28/2020, 8
1-HR	1ST	101.40400	ug/m^3	RES_250	979960.30	3742678.81	21.35	0.00	21.35	1/28/2020, 8
1-HR	1ST	96.04638	ug/m^3	RES_251	979960.30	3742698.81	21.38	0.00	21.38	1/28/2020, 8
1-HR	1ST	90.35525	ug/m^3	RES_252	979960.30	3742718.81	21.45	0.00	21.45	1/28/2020, 8
1-HR	1ST	84.53928	ug/m^3	RES_253	979960.30	3742738.81	21.12	0.00	21.12	1/28/2020, 8
1-HR	1ST	80.19787	ug/m^3	RES_254	979960.30	3742758.81	20.84	0.00	20.84	12/29/2023, 8
1-HR	1ST	136.07119	ug/m^3	RES_255	979980.30	3742458.81	20.41	0.00	20.41	12/13/2023, 8
1-HR	1ST	136.31209	ug/m^3	RES_256	979980.30	3742478.81	20.57	0.00	20.57	12/13/2023, 8
1-HR	1ST	135.62674	ug/m^3	RES_257	979980.30	3742498.81	20.78	0.00	20.78	12/13/2023, 8
1-HR	1ST	133.57687	ug/m^3	RES_258	979980.30	3742518.81	20.98	0.00	20.98	12/13/2023, 8
1-HR	1ST	130.02909	ug/m^3	RES_259	979980.30	3742538.81	21.14	0.00	21.14	12/13/2023, 8
1-HR	1ST	127.14721	ug/m^3	RES_260	979980.30	3742558.81	21.05	0.00	21.05	1/28/2020, 8
1-HR	1ST	124.62379	ug/m^3	RES_261	979980.30	3742578.81	20.93	0.00	20.93	1/28/2020, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	121.02744	ug/m^3	RES_262	979980.30	3742598.81	20.80	0.00	20.80	1/28/2020, 8
1-HR	1ST	116.35708	ug/m^3	RES_263	979980.30	3742618.81	21.07	0.00	21.07	1/28/2020, 8
1-HR	1ST	110.94117	ug/m^3	RES_264	979980.30	3742638.81	21.17	0.00	21.17	1/28/2020, 8
1-HR	1ST	104.94145	ug/m^3	RES_265	979980.30	3742658.81	21.11	0.00	21.11	1/28/2020, 8
1-HR	1ST	98.48228	ug/m^3	RES_266	979980.30	3742678.81	21.15	0.00	21.15	1/28/2020, 8
1-HR	1ST	91.74305	ug/m^3	RES_267	979980.30	3742698.81	21.21	0.00	21.21	1/28/2020, 8
1-HR	1ST	87.56080	ug/m^3	RES_268	979980.30	3742718.81	21.27	0.00	21.27	12/29/2023, 8
1-HR	1ST	86.24758	ug/m^3	RES_269	979980.30	3742738.81	20.91	0.00	20.91	12/29/2023, 8
1-HR	1ST	84.70087	ug/m^3	RES_270	979980.30	3742758.81	20.58	0.00	20.58	12/29/2023, 8
1-HR	1ST	147.76844	ug/m^3	RES_271	980000.30	3742458.81	20.18	0.00	20.18	12/13/2023, 8
1-HR	1ST	146.83758	ug/m^3	RES_272	980000.30	3742478.81	20.34	0.00	20.34	12/13/2023, 8
1-HR	1ST	144.10330	ug/m^3	RES_273	980000.30	3742498.81	20.51	0.00	20.51	12/13/2023, 8
1-HR	1ST	139.43246	ug/m^3	RES_274	980000.30	3742518.81	20.69	0.00	20.69	12/13/2023, 8
1-HR	1ST	137.00869	ug/m^3	RES_275	980000.30	3742538.81	20.86	0.00	20.86	1/28/2020, 8
1-HR	1ST	133.35594	ug/m^3	RES_276	980000.30	3742558.81	20.80	0.00	20.80	1/28/2020, 8
1-HR	1ST	128.43096	ug/m^3	RES_277	980000.30	3742578.81	20.71	0.00	20.71	1/28/2020, 8
1-HR	1ST	122.44089	ug/m^3	RES_278	980000.30	3742598.81	20.61	0.00	20.61	1/28/2020, 8
1-HR	1ST	115.55908	ug/m^3	RES_279	980000.30	3742618.81	20.84	0.00	20.84	1/28/2020, 8
1-HR	1ST	108.11158	ug/m^3	RES_280	980000.30	3742638.81	20.89	0.00	20.89	1/28/2020, 8
1-HR	1ST	100.40760	ug/m^3	RES_281	980000.30	3742658.81	20.70	0.00	20.70	1/28/2020, 8

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Tustin District Office Project
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PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	96.16301	ug/m^3	RES_282	980000.30	3742678.81	20.78	0.00	20.78	12/29/2023, 8
1-HR	1ST	94.31490	ug/m^3	RES_283	980000.30	3742698.81	20.88	0.00	20.88	12/29/2023, 8
1-HR	1ST	92.22802	ug/m^3	RES_284	980000.30	3742718.81	20.97	0.00	20.97	12/29/2023, 8
1-HR	1ST	89.96443	ug/m^3	RES_285	980000.30	3742738.81	20.73	0.00	20.73	12/29/2023, 8
1-HR	1ST	87.46887	ug/m^3	RES_286	980000.30	3742758.81	20.49	0.00	20.49	12/29/2023, 8
1-HR	1ST	148.32126	ug/m^3	RES_287	980020.30	3742518.81	20.33	0.00	20.33	1/28/2020, 8
1-HR	1ST	143.02429	ug/m^3	RES_288	980020.30	3742538.81	20.52	0.00	20.52	1/28/2020, 8
1-HR	1ST	136.32433	ug/m^3	RES_289	980020.30	3742558.81	20.48	0.00	20.48	1/28/2020, 8
1-HR	1ST	128.48540	ug/m^3	RES_290	980020.30	3742578.81	20.43	0.00	20.43	1/28/2020, 8
1-HR	1ST	119.86182	ug/m^3	RES_291	980020.30	3742598.81	20.40	0.00	20.40	1/28/2020, 8
1-HR	1ST	110.74057	ug/m^3	RES_292	980020.30	3742618.81	20.58	0.00	20.58	1/28/2020, 8
1-HR	1ST	106.08325	ug/m^3	RES_293	980020.30	3742638.81	20.61	0.00	20.61	12/29/2023, 8
1-HR	1ST	103.75323	ug/m^3	RES_294	980020.30	3742658.81	20.38	0.00	20.38	12/29/2023, 8
1-HR	1ST	101.01244	ug/m^3	RES_295	980020.30	3742678.81	20.49	0.00	20.49	12/29/2023, 8
1-HR	1ST	98.01538	ug/m^3	RES_296	980020.30	3742698.81	20.65	0.00	20.65	12/29/2023, 8
1-HR	1ST	94.80970	ug/m^3	RES_297	980020.30	3742718.81	20.75	0.00	20.75	12/29/2023, 8
1-HR	1ST	91.47612	ug/m^3	RES_298	980020.30	3742738.81	20.61	0.00	20.61	12/29/2023, 8
1-HR	1ST	88.04091	ug/m^3	RES_299	980020.30	3742758.81	20.47	0.00	20.47	12/29/2023, 8
1-HR	1ST	111.19198	ug/m^3	RES_300	980040.30	3742638.81	20.36	0.00	20.36	12/29/2023, 8
1-HR	1ST	107.39424	ug/m^3	RES_301	980040.30	3742658.81	20.23	0.00	20.23	12/29/2023, 8

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PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	103.29376	ug/m^3	RES_302	980040.30	3742678.81	20.34	0.00	20.34	12/29/2023, 8
1-HR	1ST	99.03537	ug/m^3	RES_303	980040.30	3742698.81	20.47	0.00	20.47	12/29/2023, 8
1-HR	1ST	94.72005	ug/m^3	RES_304	980040.30	3742718.81	20.54	0.00	20.54	12/29/2023, 8
1-HR	1ST	90.40549	ug/m^3	RES_305	980040.30	3742738.81	20.47	0.00	20.47	12/29/2023, 8
1-HR	1ST	179.20290	ug/m^3	RES_306	980047.32	3742438.94	19.50	0.00	19.50	12/13/2023, 8
1-HR	1ST	174.62124	ug/m^3	RES_307	980047.32	3742458.94	19.54	0.00	19.54	1/28/2020, 8
1-HR	1ST	169.83779	ug/m^3	RES_308	980047.32	3742478.94	19.63	0.00	19.63	1/28/2020, 8
1-HR	1ST	162.60654	ug/m^3	RES_309	980047.32	3742498.94	19.73	0.00	19.73	1/28/2020, 8
1-HR	1ST	153.41360	ug/m^3	RES_310	980047.32	3742518.94	19.83	0.00	19.83	1/28/2020, 8
1-HR	1ST	142.83138	ug/m^3	RES_311	980047.32	3742538.94	19.93	0.00	19.93	1/28/2020, 8
1-HR	1ST	197.11304	ug/m^3	RES_312	980067.32	3742418.94	19.54	0.00	19.54	12/13/2023, 8
1-HR	1ST	192.71690	ug/m^3	RES_313	980067.32	3742438.94	19.61	0.00	19.61	1/28/2020, 8
1-HR	1ST	185.12474	ug/m^3	RES_314	980067.32	3742458.94	19.66	0.00	19.66	1/28/2020, 8
1-HR	1ST	174.67633	ug/m^3	RES_315	980067.32	3742478.94	19.67	0.00	19.67	1/28/2020, 8
1-HR	1ST	162.19618	ug/m^3	RES_316	980067.32	3742498.94	19.74	0.00	19.74	1/28/2020, 8
1-HR	1ST	148.48018	ug/m^3	RES_317	980067.32	3742518.94	19.80	0.00	19.80	1/28/2020, 8
1-HR	1ST	139.61975	ug/m^3	RES_318	980067.32	3742538.94	19.83	0.00	19.83	12/29/2023, 8
1-HR	1ST	135.05728	ug/m^3	RES_319	980067.32	3742558.94	19.82	0.00	19.82	12/29/2023, 8
1-HR	1ST	129.89513	ug/m^3	RES_320	980067.32	3742578.94	19.83	0.00	19.83	12/29/2023, 8
1-HR	1ST	213.76426	ug/m^3	RES_321	980087.32	3742418.94	19.57	0.00	19.57	1/28/2020, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	202.10065	ug/m^3	RES_322	980087.32	3742438.94	19.76	0.00	19.76	1/28/2020, 8
1-HR	1ST	187.21257	ug/m^3	RES_323	980087.32	3742458.94	19.86	0.00	19.86	1/28/2020, 8
1-HR	1ST	170.41914	ug/m^3	RES_324	980087.32	3742478.94	19.84	0.00	19.84	1/28/2020, 8
1-HR	1ST	160.28456	ug/m^3	RES_325	980087.32	3742498.94	19.90	0.00	19.90	12/29/2023, 8
1-HR	1ST	153.73003	ug/m^3	RES_326	980087.32	3742518.94	19.93	0.00	19.93	12/29/2023, 8
1-HR	1ST	146.55472	ug/m^3	RES_327	980087.32	3742538.94	19.90	0.00	19.90	12/29/2023, 8
1-HR	1ST	138.96131	ug/m^3	RES_328	980087.32	3742558.94	19.87	0.00	19.87	12/29/2023, 8
1-HR	1ST	131.25232	ug/m^3	RES_329	980087.32	3742578.94	19.87	0.00	19.87	12/29/2023, 8
1-HR	1ST	238.79291	ug/m^3	RES_330	980107.32	3742398.94	19.38	0.00	19.38	1/28/2020, 8
1-HR	1ST	221.22632	ug/m^3	RES_331	980107.32	3742418.94	19.62	0.00	19.62	1/28/2020, 8
1-HR	1ST	200.04821	ug/m^3	RES_332	980107.32	3742438.94	19.87	0.00	19.87	1/28/2020, 8
1-HR	1ST	188.34177	ug/m^3	RES_333	980107.32	3742458.94	20.01	0.00	20.01	12/29/2023, 8
1-HR	1ST	178.35497	ug/m^3	RES_334	980107.32	3742478.94	20.03	0.00	20.03	12/29/2023, 8
1-HR	1ST	167.73905	ug/m^3	RES_335	980107.32	3742498.94	20.07	0.00	20.07	12/29/2023, 8
1-HR	1ST	156.97277	ug/m^3	RES_336	980107.32	3742518.94	20.08	0.00	20.08	12/29/2023, 8
1-HR	1ST	146.33415	ug/m^3	RES_337	980107.32	3742538.94	20.05	0.00	20.05	12/29/2023, 8
1-HR	1ST	136.01171	ug/m^3	RES_338	980107.32	3742558.94	20.01	0.00	20.01	12/29/2023, 8
1-HR	1ST	128.89332	ug/m^3	RES_339	980107.32	3742578.94	19.98	0.00	19.98	1/18/2021, 8
1-HR	1ST	242.47116	ug/m^3	RES_340	980127.32	3742398.94	19.43	0.00	19.43	1/28/2020, 8
1-HR	1ST	223.46871	ug/m^3	RES_341	980127.32	3742418.94	19.68	0.00	19.68	12/29/2023, 8

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Sensitive Receptor Summary

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	208.72721	ug/m^3	RES_342	980127.32	3742438.94	19.89	0.00	19.89	12/29/2023, 8
1-HR	1ST	193.38542	ug/m^3	RES_343	980127.32	3742458.94	20.05	0.00	20.05	12/29/2023, 8
1-HR	1ST	178.92520	ug/m^3	RES_344	980127.32	3742478.94	20.16	0.00	20.16	1/18/2021, 8
1-HR	1ST	171.76886	ug/m^3	RES_345	980127.32	3742498.94	20.20	0.00	20.20	1/18/2021, 8
1-HR	1ST	164.94788	ug/m^3	RES_346	980127.32	3742518.94	20.21	0.00	20.21	1/18/2021, 8
1-HR	1ST	158.45256	ug/m^3	RES_347	980127.32	3742538.94	20.20	0.00	20.20	1/18/2021, 8
1-HR	1ST	152.32098	ug/m^3	RES_348	980127.32	3742558.94	20.17	0.00	20.17	1/18/2021, 8
1-HR	1ST	146.44361	ug/m^3	RES_349	980127.32	3742578.94	20.15	0.00	20.15	1/18/2021, 8
1-HR	1ST	140.92373	ug/m^3	RES_350	980127.32	3742598.94	20.14	0.00	20.14	1/18/2021, 8
1-HR	1ST	290.00231	ug/m^3	RES_351	980147.32	3742378.94	19.27	0.00	19.27	1/18/2021, 8
1-HR	1ST	268.96140	ug/m^3	RES_352	980147.32	3742398.94	19.54	0.00	19.54	1/18/2021, 8
1-HR	1ST	250.90659	ug/m^3	RES_353	980147.32	3742418.94	19.69	0.00	19.69	1/18/2021, 8
1-HR	1ST	234.96671	ug/m^3	RES_354	980147.32	3742438.94	19.83	0.00	19.83	1/18/2021, 8
1-HR	1ST	220.82152	ug/m^3	RES_355	980147.32	3742458.94	19.97	0.00	19.97	1/18/2021, 8
1-HR	1ST	208.15166	ug/m^3	RES_356	980147.32	3742478.94	20.13	0.00	20.13	1/18/2021, 8
1-HR	1ST	196.72213	ug/m^3	RES_357	980147.32	3742498.94	20.24	0.00	20.24	1/18/2021, 8
1-HR	1ST	186.41076	ug/m^3	RES_358	980147.32	3742518.94	20.31	0.00	20.31	1/18/2021, 8
1-HR	1ST	177.01991	ug/m^3	RES_359	980147.32	3742538.94	20.30	0.00	20.30	1/18/2021, 8
1-HR	1ST	168.43746	ug/m^3	RES_360	980147.32	3742558.94	20.31	0.00	20.31	1/18/2021, 8
1-HR	1ST	160.51419	ug/m^3	RES_361	980147.32	3742578.94	20.32	0.00	20.32	1/18/2021, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	153.25577	ug/m^3	RES_362	980147.32	3742598.94	20.34	0.00	20.34	1/18/2021, 8
1-HR	1ST	146.50084	ug/m^3	RES_363	980147.32	3742618.94	20.43	0.00	20.43	1/18/2021, 8
1-HR	1ST	354.11282	ug/m^3	RES_364	980167.32	3742378.94	19.31	0.00	19.31	1/18/2021, 8
1-HR	1ST	318.49093	ug/m^3	RES_365	980167.32	3742398.94	19.53	0.00	19.53	1/18/2021, 8
1-HR	1ST	289.58911	ug/m^3	RES_366	980167.32	3742418.94	19.73	0.00	19.73	1/18/2021, 8
1-HR	1ST	265.51228	ug/m^3	RES_367	980167.32	3742438.94	19.87	0.00	19.87	1/18/2021, 8
1-HR	1ST	245.27268	ug/m^3	RES_368	980167.32	3742458.94	20.01	0.00	20.01	1/18/2021, 8
1-HR	1ST	227.89753	ug/m^3	RES_369	980167.32	3742478.94	20.19	0.00	20.19	1/18/2021, 8
1-HR	1ST	212.77167	ug/m^3	RES_370	980167.32	3742498.94	20.29	0.00	20.29	1/18/2021, 8
1-HR	1ST	199.51627	ug/m^3	RES_371	980167.32	3742518.94	20.33	0.00	20.33	1/18/2021, 8
1-HR	1ST	187.76468	ug/m^3	RES_372	980167.32	3742538.94	20.36	0.00	20.36	1/18/2021, 8
1-HR	1ST	177.29936	ug/m^3	RES_373	980167.32	3742558.94	20.34	0.00	20.34	1/18/2021, 8
1-HR	1ST	167.85248	ug/m^3	RES_374	980167.32	3742578.94	20.29	0.00	20.29	1/18/2021, 8
1-HR	1ST	159.29035	ug/m^3	RES_375	980167.32	3742598.94	20.31	0.00	20.31	1/18/2021, 8
1-HR	1ST	151.44341	ug/m^3	RES_376	980167.32	3742618.94	20.43	0.00	20.43	1/18/2021, 8
1-HR	1ST	144.29797	ug/m^3	RES_377	980167.32	3742638.94	20.62	0.00	20.62	1/18/2021, 8
1-HR	1ST	137.67948	ug/m^3	RES_378	980167.32	3742658.94	20.80	0.00	20.80	1/18/2021, 8
1-HR	1ST	422.83829	ug/m^3	RES_379	980187.32	3742358.94	19.11	0.00	19.11	1/18/2021, 8
1-HR	1ST	371.20874	ug/m^3	RES_380	980187.32	3742378.94	19.26	0.00	19.26	1/18/2021, 8
1-HR	1ST	330.57538	ug/m^3	RES_381	980187.32	3742398.94	19.43	0.00	19.43	1/18/2021, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	297.95532	ug/m^3	RES_382	980187.32	3742418.94	19.67	0.00	19.67	1/18/2021, 8
1-HR	1ST	271.25853	ug/m^3	RES_383	980187.32	3742438.94	19.85	0.00	19.85	1/18/2021, 8
1-HR	1ST	248.88434	ug/m^3	RES_384	980187.32	3742458.94	20.02	0.00	20.02	1/18/2021, 8
1-HR	1ST	229.96868	ug/m^3	RES_385	980187.32	3742478.94	20.17	0.00	20.17	1/18/2021, 8
1-HR	1ST	213.70951	ug/m^3	RES_386	980187.32	3742498.94	20.22	0.00	20.22	1/18/2021, 8
1-HR	1ST	199.54239	ug/m^3	RES_387	980187.32	3742518.94	20.22	0.00	20.22	1/18/2021, 8
1-HR	1ST	187.02056	ug/m^3	RES_388	980187.32	3742538.94	20.25	0.00	20.25	1/18/2021, 8
1-HR	1ST	175.93672	ug/m^3	RES_389	980187.32	3742558.94	20.29	0.00	20.29	1/18/2021, 8
1-HR	1ST	166.00266	ug/m^3	RES_390	980187.32	3742578.94	20.36	0.00	20.36	1/18/2021, 8
1-HR	1ST	157.02240	ug/m^3	RES_391	980187.32	3742598.94	20.44	0.00	20.44	1/18/2021, 8
1-HR	1ST	148.88782	ug/m^3	RES_392	980187.32	3742618.94	20.61	0.00	20.61	1/18/2021, 8
1-HR	1ST	141.47355	ug/m^3	RES_393	980187.32	3742638.94	20.86	0.00	20.86	1/18/2021, 8
1-HR	1ST	134.76223	ug/m^3	RES_394	980187.32	3742658.94	20.93	0.00	20.93	1/18/2021, 8
1-HR	1ST	128.58075	ug/m^3	RES_395	980187.32	3742678.94	20.90	0.00	20.90	1/18/2021, 8
1-HR	1ST	559.41804	ug/m^3	RES_396	980207.32	3742338.94	18.87	0.00	18.87	2/5/2021, 8
1-HR	1ST	453.31100	ug/m^3	RES_397	980207.32	3742358.94	19.03	0.00	19.03	2/5/2021, 8
1-HR	1ST	389.54282	ug/m^3	RES_398	980207.32	3742378.94	19.15	0.00	19.15	2/5/2021, 8
1-HR	1ST	323.26833	ug/m^3	RES_399	980207.32	3742398.94	19.30	0.00	19.30	2/5/2021, 8
1-HR	1ST	274.61700	ug/m^3	RES_400	980207.32	3742418.94	19.53	0.00	19.53	12/27/2023, 8
1-HR	1ST	248.97179	ug/m^3	RES_401	980207.32	3742438.94	19.78	0.00	19.78	1/18/2021, 8

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Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	229.61965	ug/m^3	RES_402	980207.32	3742458.94	20.00	0.00	20.00	1/18/2021, 8
1-HR	1ST	212.95098	ug/m^3	RES_403	980207.32	3742478.94	20.08	0.00	20.08	1/18/2021, 8
1-HR	1ST	198.35919	ug/m^3	RES_404	980207.32	3742498.94	20.10	0.00	20.10	1/18/2021, 8
1-HR	1ST	185.52462	ug/m^3	RES_405	980207.32	3742518.94	20.08	0.00	20.08	1/18/2021, 8
1-HR	1ST	174.07197	ug/m^3	RES_406	980207.32	3742538.94	20.10	0.00	20.10	1/18/2021, 8
1-HR	1ST	163.89918	ug/m^3	RES_407	980207.32	3742558.94	20.20	0.00	20.20	1/18/2021, 8
1-HR	1ST	154.64930	ug/m^3	RES_408	980207.32	3742578.94	20.37	0.00	20.37	1/18/2021, 8
1-HR	1ST	146.34983	ug/m^3	RES_409	980207.32	3742598.94	20.58	0.00	20.58	1/18/2021, 8
1-HR	1ST	138.79733	ug/m^3	RES_410	980207.32	3742618.94	20.79	0.00	20.79	1/18/2021, 8
1-HR	1ST	131.91591	ug/m^3	RES_411	980207.32	3742638.94	20.97	0.00	20.97	1/18/2021, 8
1-HR	1ST	125.69573	ug/m^3	RES_412	980207.32	3742658.94	20.92	0.00	20.92	1/18/2021, 8
1-HR	1ST	119.99230	ug/m^3	RES_413	980207.32	3742678.94	20.88	0.00	20.88	1/18/2021, 8
1-HR	1ST	114.67097	ug/m^3	RES_414	980207.32	3742698.94	20.93	0.00	20.93	1/18/2021, 8
1-HR	1ST	557.18890	ug/m^3	RES_415	980227.32	3742338.94	18.91	0.00	18.91	2/5/2021, 8
1-HR	1ST	493.76726	ug/m^3	RES_416	980227.32	3742358.94	18.95	0.00	18.95	2/5/2021, 8
1-HR	1ST	436.32232	ug/m^3	RES_417	980227.32	3742378.94	19.13	0.00	19.13	2/5/2021, 8
1-HR	1ST	379.20030	ug/m^3	RES_418	980227.32	3742398.94	19.35	0.00	19.35	2/5/2021, 8
1-HR	1ST	328.39379	ug/m^3	RES_419	980227.32	3742418.94	19.53	0.00	19.53	2/5/2021, 8
1-HR	1ST	284.24114	ug/m^3	RES_420	980227.32	3742438.94	19.76	0.00	19.76	2/5/2021, 8
1-HR	1ST	246.56115	ug/m^3	RES_421	980227.32	3742458.94	19.98	0.00	19.98	2/5/2021, 8

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Sensitive Receptor Summary

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PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	218.99677	ug/m^3	RES_422	980227.32	3742478.94	19.98	0.00	19.98	12/27/2023, 8
1-HR	1ST	203.24080	ug/m^3	RES_423	980227.32	3742498.94	19.98	0.00	19.98	12/27/2023, 8
1-HR	1ST	189.01091	ug/m^3	RES_424	980227.32	3742518.94	19.97	0.00	19.97	12/27/2023, 8
1-HR	1ST	176.12313	ug/m^3	RES_425	980227.32	3742538.94	19.99	0.00	19.99	12/27/2023, 8
1-HR	1ST	164.38959	ug/m^3	RES_426	980227.32	3742558.94	20.12	0.00	20.12	12/27/2023, 8
1-HR	1ST	153.72804	ug/m^3	RES_427	980227.32	3742578.94	20.36	0.00	20.36	12/27/2023, 8
1-HR	1ST	143.97433	ug/m^3	RES_428	980227.32	3742598.94	20.66	0.00	20.66	12/27/2023, 8
1-HR	1ST	135.07321	ug/m^3	RES_429	980227.32	3742618.94	20.88	0.00	20.88	12/27/2023, 8
1-HR	1ST	126.97643	ug/m^3	RES_430	980227.32	3742638.94	20.96	0.00	20.96	12/27/2023, 8
1-HR	1ST	119.59635	ug/m^3	RES_431	980227.32	3742658.94	20.89	0.00	20.89	12/27/2023, 8
1-HR	1ST	112.77882	ug/m^3	RES_432	980227.32	3742678.94	20.88	0.00	20.88	12/27/2023, 8
1-HR	1ST	106.40623	ug/m^3	RES_433	980227.32	3742698.94	21.04	0.00	21.04	12/27/2023, 8
1-HR	1ST	100.72508	ug/m^3	RES_434	980227.32	3742718.94	21.12	0.00	21.12	12/22/2020, 8
1-HR	1ST	96.97177	ug/m^3	RES_435	980227.32	3742738.94	21.20	0.00	21.20	12/22/2020, 8
1-HR	1ST	527.81443	ug/m^3	RES_436	980247.32	3742318.94	18.81	0.00	18.81	2/5/2021, 8
1-HR	1ST	493.32100	ug/m^3	RES_437	980247.32	3742338.94	18.91	0.00	18.91	2/5/2021, 8
1-HR	1ST	463.75849	ug/m^3	RES_438	980247.32	3742358.94	19.02	0.00	19.02	2/5/2021, 8
1-HR	1ST	430.65503	ug/m^3	RES_439	980247.32	3742378.94	19.18	0.00	19.18	2/5/2021, 8
1-HR	1ST	393.88830	ug/m^3	RES_440	980247.32	3742398.94	19.35	0.00	19.35	2/5/2021, 8
1-HR	1ST	356.00496	ug/m^3	RES_441	980247.32	3742418.94	19.55	0.00	19.55	2/5/2021, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	319.03288	ug/m^3	RES_442	980247.32	3742438.94	19.78	0.00	19.78	2/5/2021, 8
1-HR	1ST	284.51752	ug/m^3	RES_443	980247.32	3742458.94	19.99	0.00	19.99	2/5/2021, 8
1-HR	1ST	253.06211	ug/m^3	RES_444	980247.32	3742478.94	19.99	0.00	19.99	2/5/2021, 8
1-HR	1ST	224.88078	ug/m^3	RES_445	980247.32	3742498.94	19.95	0.00	19.95	2/5/2021, 8
1-HR	1ST	199.74079	ug/m^3	RES_446	980247.32	3742518.94	19.89	0.00	19.89	2/5/2021, 8
1-HR	1ST	180.42764	ug/m^3	RES_447	980247.32	3742538.94	19.98	0.00	19.98	12/27/2023, 8
1-HR	1ST	170.19099	ug/m^3	RES_448	980247.32	3742558.94	20.15	0.00	20.15	12/27/2023, 8
1-HR	1ST	160.60679	ug/m^3	RES_449	980247.32	3742578.94	20.42	0.00	20.42	12/27/2023, 8
1-HR	1ST	151.64061	ug/m^3	RES_450	980247.32	3742598.94	20.65	0.00	20.65	12/27/2023, 8
1-HR	1ST	143.33014	ug/m^3	RES_451	980247.32	3742618.94	20.79	0.00	20.79	12/27/2023, 8
1-HR	1ST	135.62574	ug/m^3	RES_452	980247.32	3742638.94	20.82	0.00	20.82	12/27/2023, 8
1-HR	1ST	128.42524	ug/m^3	RES_453	980247.32	3742658.94	20.84	0.00	20.84	12/27/2023, 8
1-HR	1ST	121.68111	ug/m^3	RES_454	980247.32	3742678.94	20.90	0.00	20.90	12/27/2023, 8
1-HR	1ST	115.37272	ug/m^3	RES_455	980247.32	3742698.94	21.03	0.00	21.03	12/27/2023, 8
1-HR	1ST	109.51989	ug/m^3	RES_456	980247.32	3742718.94	21.14	0.00	21.14	12/27/2023, 8
1-HR	1ST	103.97728	ug/m^3	RES_457	980247.32	3742738.94	21.26	0.00	21.26	12/27/2023, 8
1-HR	1ST	98.82238	ug/m^3	RES_458	980247.32	3742758.94	21.37	0.00	21.37	12/27/2023, 8
1-HR	1ST	473.27457	ug/m^3	RES_459	980267.32	3742298.94	18.83	0.00	18.83	2/5/2021, 8
1-HR	1ST	446.40173	ug/m^3	RES_460	980267.32	3742318.94	18.86	0.00	18.86	2/5/2021, 8
1-HR	1ST	427.05687	ug/m^3	RES_461	980267.32	3742338.94	18.88	0.00	18.88	2/5/2021, 8

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Sensitive Receptor Summary

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	409.43612	ug/m^3	RES_462	980267.32	3742358.94	19.08	0.00	19.08	2/5/2021, 8
1-HR	1ST	392.71048	ug/m^3	RES_463	980267.32	3742378.94	19.23	0.00	19.23	2/5/2021, 8
1-HR	1ST	373.40502	ug/m^3	RES_464	980267.32	3742398.94	19.36	0.00	19.36	2/5/2021, 8
1-HR	1ST	351.04605	ug/m^3	RES_465	980267.32	3742418.94	19.54	0.00	19.54	2/5/2021, 8
1-HR	1ST	326.41532	ug/m^3	RES_466	980267.32	3742438.94	19.74	0.00	19.74	2/5/2021, 8
1-HR	1ST	300.72413	ug/m^3	RES_467	980267.32	3742458.94	19.93	0.00	19.93	2/5/2021, 8
1-HR	1ST	275.24856	ug/m^3	RES_468	980267.32	3742478.94	19.93	0.00	19.93	2/5/2021, 8
1-HR	1ST	250.53299	ug/m^3	RES_469	980267.32	3742498.94	19.92	0.00	19.92	2/5/2021, 8
1-HR	1ST	227.22291	ug/m^3	RES_470	980267.32	3742518.94	19.90	0.00	19.90	2/5/2021, 8
1-HR	1ST	205.52733	ug/m^3	RES_471	980267.32	3742538.94	20.00	0.00	20.00	2/5/2021, 8
1-HR	1ST	185.55799	ug/m^3	RES_472	980267.32	3742558.94	20.16	0.00	20.16	2/5/2021, 8
1-HR	1ST	167.34954	ug/m^3	RES_473	980267.32	3742578.94	20.41	0.00	20.41	2/5/2021, 8
1-HR	1ST	151.31846	ug/m^3	RES_474	980267.32	3742598.94	20.50	0.00	20.50	12/27/2023, 8
1-HR	1ST	144.46505	ug/m^3	RES_475	980267.32	3742618.94	20.55	0.00	20.55	12/27/2023, 8
1-HR	1ST	137.90128	ug/m^3	RES_476	980267.32	3742638.94	20.57	0.00	20.57	12/27/2023, 8
1-HR	1ST	131.60966	ug/m^3	RES_477	980267.32	3742658.94	20.74	0.00	20.74	12/27/2023, 8
1-HR	1ST	125.60071	ug/m^3	RES_478	980267.32	3742678.94	20.91	0.00	20.91	12/27/2023, 8
1-HR	1ST	119.91976	ug/m^3	RES_479	980267.32	3742698.94	20.90	0.00	20.90	12/27/2023, 8
1-HR	1ST	114.48334	ug/m^3	RES_480	980267.32	3742718.94	21.07	0.00	21.07	12/27/2023, 8
1-HR	1ST	109.30418	ug/m^3	RES_481	980267.32	3742738.94	21.30	0.00	21.30	12/27/2023, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	104.40276	ug/m^3	RES_482	980267.32	3742758.94	21.49	0.00	21.49	12/27/2023, 8
1-HR	1ST	99.80794	ug/m^3	RES_483	980267.32	3742778.94	21.48	0.00	21.48	12/27/2023, 8
1-HR	1ST	403.77268	ug/m^3	RES_484	980287.32	3742278.94	18.85	0.00	18.85	2/5/2021, 8
1-HR	1ST	388.71044	ug/m^3	RES_485	980287.32	3742298.94	18.91	0.00	18.91	1/11/2022, 8
1-HR	1ST	380.02505	ug/m^3	RES_486	980287.32	3742318.94	18.89	0.00	18.89	1/11/2022, 8
1-HR	1ST	370.22239	ug/m^3	RES_487	980287.32	3742338.94	18.90	0.00	18.90	1/11/2022, 8
1-HR	1ST	356.28236	ug/m^3	RES_488	980287.32	3742358.94	19.08	0.00	19.08	1/11/2022, 8
1-HR	1ST	346.00452	ug/m^3	RES_489	980287.32	3742378.94	19.24	0.00	19.24	2/5/2021, 8
1-HR	1ST	336.16325	ug/m^3	RES_490	980287.32	3742398.94	19.39	0.00	19.39	2/5/2021, 8
1-HR	1ST	324.93118	ug/m^3	RES_491	980287.32	3742418.94	19.53	0.00	19.53	2/5/2021, 8
1-HR	1ST	311.52428	ug/m^3	RES_492	980287.32	3742438.94	19.66	0.00	19.66	2/5/2021, 8
1-HR	1ST	295.78975	ug/m^3	RES_493	980287.32	3742458.94	19.80	0.00	19.80	2/5/2021, 8
1-HR	1ST	278.53666	ug/m^3	RES_494	980287.32	3742478.94	19.82	0.00	19.82	2/5/2021, 8
1-HR	1ST	260.28950	ug/m^3	RES_495	980287.32	3742498.94	19.86	0.00	19.86	2/5/2021, 8
1-HR	1ST	241.69854	ug/m^3	RES_496	980287.32	3742518.94	19.93	0.00	19.93	2/5/2021, 8
1-HR	1ST	223.31108	ug/m^3	RES_497	980287.32	3742538.94	20.05	0.00	20.05	2/5/2021, 8
1-HR	1ST	205.39885	ug/m^3	RES_498	980287.32	3742558.94	20.20	0.00	20.20	2/5/2021, 8
1-HR	1ST	188.40328	ug/m^3	RES_499	980287.32	3742578.94	20.37	0.00	20.37	2/5/2021, 8
1-HR	1ST	172.37993	ug/m^3	RES_500	980287.32	3742598.94	20.34	0.00	20.34	2/5/2021, 8
1-HR	1ST	157.44274	ug/m^3	RES_501	980287.32	3742618.94	20.31	0.00	20.31	2/5/2021, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	143.58435	ug/m^3	RES_502	980287.32	3742638.94	20.49	0.00	20.49	2/5/2021, 8
1-HR	1ST	130.79946	ug/m^3	RES_503	980287.32	3742658.94	20.68	0.00	20.68	2/5/2021, 8
1-HR	1ST	123.93708	ug/m^3	RES_504	980287.32	3742678.94	20.85	0.00	20.85	12/27/2023, 8
1-HR	1ST	119.30444	ug/m^3	RES_505	980287.32	3742698.94	20.92	0.00	20.92	12/27/2023, 8
1-HR	1ST	114.78335	ug/m^3	RES_506	980287.32	3742718.94	21.01	0.00	21.01	12/27/2023, 8
1-HR	1ST	110.44231	ug/m^3	RES_507	980287.32	3742738.94	21.11	0.00	21.11	12/27/2023, 8
1-HR	1ST	106.23225	ug/m^3	RES_508	980287.32	3742758.94	21.29	0.00	21.29	12/27/2023, 8
1-HR	1ST	102.14435	ug/m^3	RES_509	980287.32	3742778.94	21.26	0.00	21.26	12/27/2023, 8
1-HR	1ST	317.22096	ug/m^3	RES_510	980307.32	3742278.94	18.95	0.00	18.95	1/11/2022, 8
1-HR	1ST	321.48315	ug/m^3	RES_511	980307.32	3742298.94	19.01	0.00	19.01	1/11/2022, 8
1-HR	1ST	323.11560	ug/m^3	RES_512	980307.32	3742318.94	19.09	0.00	19.09	1/11/2022, 8
1-HR	1ST	322.86874	ug/m^3	RES_513	980307.32	3742338.94	19.19	0.00	19.19	1/11/2022, 8
1-HR	1ST	318.96350	ug/m^3	RES_514	980307.32	3742358.94	19.13	0.00	19.13	1/11/2022, 8
1-HR	1ST	311.69772	ug/m^3	RES_515	980307.32	3742378.94	19.22	0.00	19.22	1/11/2022, 8
1-HR	1ST	301.06081	ug/m^3	RES_516	980307.32	3742398.94	19.42	0.00	19.42	1/11/2022, 8
1-HR	1ST	286.87636	ug/m^3	RES_517	980307.32	3742418.94	19.52	0.00	19.52	2/5/2021, 8
1-HR	1ST	281.66795	ug/m^3	RES_518	980307.32	3742438.94	19.60	0.00	19.60	2/5/2021, 8
1-HR	1ST	274.49594	ug/m^3	RES_519	980307.32	3742458.94	19.64	0.00	19.64	2/5/2021, 8
1-HR	1ST	265.30862	ug/m^3	RES_520	980307.32	3742478.94	19.69	0.00	19.69	2/5/2021, 8
1-HR	1ST	254.38429	ug/m^3	RES_521	980307.32	3742498.94	19.79	0.00	19.79	2/5/2021, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	241.94253	ug/m^3	RES_522	980307.32	3742518.94	19.96	0.00	19.96	2/5/2021, 8
1-HR	1ST	228.57166	ug/m^3	RES_523	980307.32	3742538.94	20.12	0.00	20.12	2/5/2021, 8
1-HR	1ST	214.66006	ug/m^3	RES_524	980307.32	3742558.94	20.24	0.00	20.24	2/5/2021, 8
1-HR	1ST	200.61131	ug/m^3	RES_525	980307.32	3742578.94	20.31	0.00	20.31	2/5/2021, 8
1-HR	1ST	186.76971	ug/m^3	RES_526	980307.32	3742598.94	20.25	0.00	20.25	2/5/2021, 8
1-HR	1ST	173.21909	ug/m^3	RES_527	980307.32	3742618.94	20.24	0.00	20.24	2/5/2021, 8
1-HR	1ST	160.18455	ug/m^3	RES_528	980307.32	3742638.94	20.49	0.00	20.49	2/5/2021, 8
1-HR	1ST	147.81728	ug/m^3	RES_529	980307.32	3742658.94	20.66	0.00	20.66	2/5/2021, 8
1-HR	1ST	136.14049	ug/m^3	RES_530	980307.32	3742678.94	20.78	0.00	20.78	2/5/2021, 8
1-HR	1ST	125.18471	ug/m^3	RES_531	980307.32	3742698.94	20.92	0.00	20.92	2/5/2021, 8
1-HR	1ST	114.98985	ug/m^3	RES_532	980307.32	3742718.94	21.01	0.00	21.01	2/5/2021, 8
1-HR	1ST	107.16473	ug/m^3	RES_533	980307.32	3742738.94	21.04	0.00	21.04	12/27/2023, 8
1-HR	1ST	103.94157	ug/m^3	RES_534	980307.32	3742758.94	21.02	0.00	21.02	12/27/2023, 8
1-HR	1ST	100.75536	ug/m^3	RES_535	980307.32	3742778.94	20.96	0.00	20.96	12/27/2023, 8
1-HR	1ST	312.64796	ug/m^3	RES_536	980327.32	3742258.94	18.84	0.00	18.84	12/16/2019, 8
1-HR	1ST	261.15386	ug/m^3	RES_537	980327.32	3742278.94	19.00	0.00	19.00	12/16/2019, 8
1-HR	1ST	242.30429	ug/m^3	RES_538	980327.32	3742298.94	19.09	0.00	19.09	1/11/2022, 8
1-HR	1ST	256.84947	ug/m^3	RES_539	980327.32	3742318.94	19.20	0.00	19.20	1/11/2022, 8
1-HR	1ST	266.80516	ug/m^3	RES_540	980327.32	3742338.94	19.30	0.00	19.30	1/11/2022, 8
1-HR	1ST	273.16217	ug/m^3	RES_541	980327.32	3742358.94	19.30	0.00	19.30	1/11/2022, 8

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PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	274.74167	ug/m^3	RES_542	980327.32	3742378.94	19.33	0.00	19.33	1/11/2022, 8
1-HR	1ST	272.93353	ug/m^3	RES_543	980327.32	3742398.94	19.36	0.00	19.36	1/11/2022, 8
1-HR	1ST	267.59712	ug/m^3	RES_544	980327.32	3742418.94	19.43	0.00	19.43	1/11/2022, 8
1-HR	1ST	258.34806	ug/m^3	RES_545	980327.32	3742438.94	19.51	0.00	19.51	1/11/2022, 8
1-HR	1ST	245.52670	ug/m^3	RES_546	980327.32	3742458.94	19.60	0.00	19.60	1/11/2022, 8
1-HR	1ST	239.74014	ug/m^3	RES_547	980327.32	3742478.94	19.68	0.00	19.68	2/5/2021, 8
1-HR	1ST	235.39519	ug/m^3	RES_548	980327.32	3742498.94	19.81	0.00	19.81	2/5/2021, 8
1-HR	1ST	229.22846	ug/m^3	RES_549	980327.32	3742518.94	20.06	0.00	20.06	2/5/2021, 8
1-HR	1ST	221.54962	ug/m^3	RES_550	980327.32	3742538.94	20.20	0.00	20.20	2/5/2021, 8
1-HR	1ST	212.65880	ug/m^3	RES_551	980327.32	3742558.94	20.27	0.00	20.27	2/5/2021, 8
1-HR	1ST	202.74380	ug/m^3	RES_552	980327.32	3742578.94	20.22	0.00	20.22	2/5/2021, 8
1-HR	1ST	192.25585	ug/m^3	RES_553	980327.32	3742598.94	20.24	0.00	20.24	2/5/2021, 8
1-HR	1ST	181.39091	ug/m^3	RES_554	980327.32	3742618.94	20.32	0.00	20.32	2/5/2021, 8
1-HR	1ST	170.45452	ug/m^3	RES_555	980327.32	3742638.94	20.50	0.00	20.50	2/5/2021, 8
1-HR	1ST	159.58289	ug/m^3	RES_556	980327.32	3742658.94	20.64	0.00	20.64	2/5/2021, 8
1-HR	1ST	148.96601	ug/m^3	RES_557	980327.32	3742678.94	20.75	0.00	20.75	2/5/2021, 8
1-HR	1ST	138.66711	ug/m^3	RES_558	980327.32	3742698.94	20.88	0.00	20.88	2/5/2021, 8
1-HR	1ST	128.83737	ug/m^3	RES_559	980327.32	3742718.94	20.94	0.00	20.94	2/5/2021, 8
1-HR	1ST	119.47238	ug/m^3	RES_560	980327.32	3742738.94	20.92	0.00	20.92	2/5/2021, 8
1-HR	1ST	110.63721	ug/m^3	RES_561	980327.32	3742758.94	20.82	0.00	20.82	2/5/2021, 8

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PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	273.27239	ug/m^3	RES_562	980347.32	3742258.94	18.77	0.00	18.77	12/16/2019, 8
1-HR	1ST	240.71701	ug/m^3	RES_563	980347.32	3742278.94	19.00	0.00	19.00	12/16/2019, 8
1-HR	1ST	205.42746	ug/m^3	RES_564	980347.32	3742298.94	19.17	0.00	19.17	12/16/2019, 8
1-HR	1ST	184.78816	ug/m^3	RES_565	980347.32	3742318.94	19.29	0.00	19.29	1/11/2022, 8
1-HR	1ST	204.51758	ug/m^3	RES_566	980347.32	3742338.94	19.35	0.00	19.35	1/11/2022, 8
1-HR	1ST	219.43122	ug/m^3	RES_567	980347.32	3742358.94	19.42	0.00	19.42	1/11/2022, 8
1-HR	1ST	229.90187	ug/m^3	RES_568	980347.32	3742378.94	19.44	0.00	19.44	1/11/2022, 8
1-HR	1ST	236.18623	ug/m^3	RES_569	980347.32	3742398.94	19.40	0.00	19.40	1/11/2022, 8
1-HR	1ST	238.73819	ug/m^3	RES_570	980347.32	3742418.94	19.35	0.00	19.35	1/11/2022, 8
1-HR	1ST	237.59588	ug/m^3	RES_571	980347.32	3742438.94	19.35	0.00	19.35	1/11/2022, 8
1-HR	1ST	232.72703	ug/m^3	RES_572	980347.32	3742458.94	19.47	0.00	19.47	1/11/2022, 8
1-HR	1ST	224.46697	ug/m^3	RES_573	980347.32	3742478.94	19.60	0.00	19.60	1/11/2022, 8
1-HR	1ST	213.26692	ug/m^3	RES_574	980347.32	3742498.94	19.77	0.00	19.77	1/11/2022, 8
1-HR	1ST	206.62815	ug/m^3	RES_575	980347.32	3742518.94	19.99	0.00	19.99	2/5/2021, 8
1-HR	1ST	204.29910	ug/m^3	RES_576	980347.32	3742538.94	20.11	0.00	20.11	2/5/2021, 8
1-HR	1ST	200.41373	ug/m^3	RES_577	980347.32	3742558.94	20.16	0.00	20.16	2/5/2021, 8
1-HR	1ST	195.09450	ug/m^3	RES_578	980347.32	3742578.94	20.10	0.00	20.10	2/5/2021, 8
1-HR	1ST	188.62587	ug/m^3	RES_579	980347.32	3742598.94	20.18	0.00	20.18	2/5/2021, 8
1-HR	1ST	181.23749	ug/m^3	RES_580	980347.32	3742618.94	20.33	0.00	20.33	2/5/2021, 8
1-HR	1ST	173.26043	ug/m^3	RES_581	980347.32	3742638.94	20.45	0.00	20.45	2/5/2021, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	164.80373	ug/m^3	RES_582	980347.32	3742658.94	20.60	0.00	20.60	2/5/2021, 8
1-HR	1ST	156.08976	ug/m^3	RES_583	980347.32	3742678.94	20.78	0.00	20.78	2/5/2021, 8
1-HR	1ST	147.34383	ug/m^3	RES_584	980347.32	3742698.94	20.80	0.00	20.80	2/5/2021, 8
1-HR	1ST	138.62435	ug/m^3	RES_585	980347.32	3742718.94	20.78	0.00	20.78	2/5/2021, 8
1-HR	1ST	130.09689	ug/m^3	RES_586	980347.32	3742738.94	20.71	0.00	20.71	2/5/2021, 8
1-HR	1ST	193.02590	ug/m^3	RES_587	980367.32	3742298.94	19.21	0.00	19.21	12/16/2019, 8
1-HR	1ST	165.77077	ug/m^3	RES_588	980367.32	3742318.94	19.35	0.00	19.35	12/16/2019, 8
1-HR	1ST	142.73452	ug/m^3	RES_589	980367.32	3742338.94	19.38	0.00	19.38	1/11/2022, 8
1-HR	1ST	163.55287	ug/m^3	RES_590	980367.32	3742358.94	19.47	0.00	19.47	1/11/2022, 8
1-HR	1ST	180.52947	ug/m^3	RES_591	980367.32	3742378.94	19.49	0.00	19.49	1/11/2022, 8
1-HR	1ST	193.50982	ug/m^3	RES_592	980367.32	3742398.94	19.44	0.00	19.44	1/11/2022, 8
1-HR	1ST	202.74946	ug/m^3	RES_593	980367.32	3742418.94	19.35	0.00	19.35	1/11/2022, 8
1-HR	1ST	208.40498	ug/m^3	RES_594	980367.32	3742438.94	19.30	0.00	19.30	1/11/2022, 8
1-HR	1ST	210.49601	ug/m^3	RES_595	980367.32	3742458.94	19.31	0.00	19.31	1/11/2022, 8
1-HR	1ST	209.18313	ug/m^3	RES_596	980367.32	3742478.94	19.45	0.00	19.45	1/11/2022, 8
1-HR	1ST	204.58897	ug/m^3	RES_597	980367.32	3742498.94	19.63	0.00	19.63	1/11/2022, 8
1-HR	1ST	197.16244	ug/m^3	RES_598	980367.32	3742518.94	19.84	0.00	19.84	1/11/2022, 8
1-HR	1ST	187.50486	ug/m^3	RES_599	980367.32	3742538.94	19.92	0.00	19.92	1/11/2022, 8
1-HR	1ST	180.16453	ug/m^3	RES_600	980367.32	3742558.94	19.96	0.00	19.96	2/5/2021, 8
1-HR	1ST	179.14264	ug/m^3	RES_601	980367.32	3742578.94	20.06	0.00	20.06	2/5/2021, 8

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PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	176.80721	ug/m^3	RES_602	980367.32	3742598.94	20.16	0.00	20.16	2/5/2021, 8
1-HR	1ST	173.19026	ug/m^3	RES_603	980367.32	3742618.94	20.26	0.00	20.26	2/5/2021, 8
1-HR	1ST	168.50525	ug/m^3	RES_604	980367.32	3742638.94	20.42	0.00	20.42	2/5/2021, 8
1-HR	1ST	163.02595	ug/m^3	RES_605	980367.32	3742658.94	20.57	0.00	20.57	2/5/2021, 8
1-HR	1ST	156.92348	ug/m^3	RES_606	980367.32	3742678.94	20.70	0.00	20.70	2/5/2021, 8
1-HR	1ST	150.36855	ug/m^3	RES_607	980367.32	3742698.94	20.66	0.00	20.66	2/5/2021, 8
1-HR	1ST	143.45521	ug/m^3	RES_608	980367.32	3742718.94	20.61	0.00	20.61	2/5/2021, 8
1-HR	1ST	158.52387	ug/m^3	RES_609	980387.32	3742318.94	19.26	0.00	19.26	12/16/2019, 8
1-HR	1ST	136.49080	ug/m^3	RES_610	980387.32	3742338.94	19.45	0.00	19.45	12/16/2019, 8
1-HR	1ST	114.73478	ug/m^3	RES_611	980387.32	3742358.94	19.49	0.00	19.49	12/16/2019, 8
1-HR	1ST	131.91050	ug/m^3	RES_612	980387.32	3742378.94	19.47	0.00	19.47	1/11/2022, 8
1-HR	1ST	149.06430	ug/m^3	RES_613	980387.32	3742398.94	19.40	0.00	19.40	1/11/2022, 8
1-HR	1ST	163.10432	ug/m^3	RES_614	980387.32	3742418.94	19.39	0.00	19.39	1/11/2022, 8
1-HR	1ST	173.97590	ug/m^3	RES_615	980387.32	3742438.94	19.32	0.00	19.32	1/11/2022, 8
1-HR	1ST	181.70185	ug/m^3	RES_616	980387.32	3742458.94	19.17	0.00	19.17	1/11/2022, 8
1-HR	1ST	186.19151	ug/m^3	RES_617	980387.32	3742478.94	19.25	0.00	19.25	1/11/2022, 8
1-HR	1ST	187.51230	ug/m^3	RES_618	980387.32	3742498.94	19.41	0.00	19.41	1/11/2022, 8
1-HR	1ST	185.87104	ug/m^3	RES_619	980387.32	3742518.94	19.62	0.00	19.62	1/11/2022, 8
1-HR	1ST	181.54710	ug/m^3	RES_620	980387.32	3742538.94	19.73	0.00	19.73	1/11/2022, 8
1-HR	1ST	174.92620	ug/m^3	RES_621	980387.32	3742558.94	19.81	0.00	19.81	1/11/2022, 8

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PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	166.48760	ug/m^3	RES_622	980387.32	3742578.94	19.99	0.00	19.99	1/11/2022, 8
1-HR	1ST	158.57267	ug/m^3	RES_623	980387.32	3742598.94	20.12	0.00	20.12	2/5/2021, 8
1-HR	1ST	158.50967	ug/m^3	RES_624	980387.32	3742618.94	20.20	0.00	20.20	2/5/2021, 8
1-HR	1ST	157.16967	ug/m^3	RES_625	980387.32	3742638.94	20.37	0.00	20.37	2/5/2021, 8
1-HR	1ST	154.83896	ug/m^3	RES_626	980387.32	3742658.94	20.49	0.00	20.49	2/5/2021, 8
1-HR	1ST	151.52774	ug/m^3	RES_627	980387.32	3742678.94	20.54	0.00	20.54	2/5/2021, 8
1-HR	1ST	147.47765	ug/m^3	RES_628	980387.32	3742698.94	20.51	0.00	20.51	2/5/2021, 8
1-HR	1ST	114.26705	ug/m^3	RES_629	980407.32	3742358.94	19.32	0.00	19.32	12/16/2019, 8
1-HR	1ST	96.50463	ug/m^3	RES_630	980407.32	3742378.94	19.39	0.00	19.39	12/16/2019, 8
1-HR	1ST	107.44072	ug/m^3	RES_631	980407.32	3742398.94	19.39	0.00	19.39	1/11/2022, 8
1-HR	1ST	123.76310	ug/m^3	RES_632	980407.32	3742418.94	19.20	0.00	19.20	1/11/2022, 8
1-HR	1ST	137.86693	ug/m^3	RES_633	980407.32	3742438.94	19.00	0.00	19.00	1/11/2022, 8
1-HR	1ST	149.43259	ug/m^3	RES_634	980407.32	3742458.94	19.04	0.00	19.04	1/11/2022, 8
1-HR	1ST	158.30788	ug/m^3	RES_635	980407.32	3742478.94	19.09	0.00	19.09	1/11/2022, 8
1-HR	1ST	164.42259	ug/m^3	RES_636	980407.32	3742498.94	19.17	0.00	19.17	1/11/2022, 8
1-HR	1ST	167.71304	ug/m^3	RES_637	980407.32	3742518.94	19.39	0.00	19.39	1/11/2022, 8
1-HR	1ST	168.33178	ug/m^3	RES_638	980407.32	3742538.94	19.59	0.00	19.59	1/11/2022, 8
1-HR	1ST	166.45324	ug/m^3	RES_639	980407.32	3742558.94	19.78	0.00	19.78	1/11/2022, 8
1-HR	1ST	162.38077	ug/m^3	RES_640	980407.32	3742578.94	19.92	0.00	19.92	1/11/2022, 8
1-HR	1ST	156.49521	ug/m^3	RES_641	980407.32	3742598.94	20.05	0.00	20.05	1/11/2022, 8

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Sensitive Receptor Summary

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	149.08057	ug/m^3	RES_642	980407.32	3742618.94	20.18	0.00	20.18	1/11/2022, 8
1-HR	1ST	140.79488	ug/m^3	RES_643	980407.32	3742638.94	20.31	0.00	20.31	2/5/2021, 8
1-HR	1ST	141.25545	ug/m^3	RES_644	980407.32	3742658.94	20.38	0.00	20.38	2/5/2021, 8
1-HR	1ST	140.75809	ug/m^3	RES_645	980407.32	3742678.94	20.40	0.00	20.40	2/5/2021, 8
1-HR	1ST	139.32838	ug/m^3	RES_646	980407.32	3742698.94	20.39	0.00	20.39	2/5/2021, 8
1-HR	1ST	97.00408	ug/m^3	RES_647	980427.32	3742378.94	19.03	0.00	19.03	12/16/2019, 8
1-HR	1ST	82.18979	ug/m^3	RES_648	980427.32	3742398.94	19.02	0.00	19.02	12/16/2019, 8
1-HR	1ST	88.41403	ug/m^3	RES_649	980427.32	3742418.94	18.85	0.00	18.85	1/11/2022, 8
1-HR	1ST	103.44832	ug/m^3	RES_650	980427.32	3742438.94	18.71	0.00	18.71	1/11/2022, 8
1-HR	1ST	116.90414	ug/m^3	RES_651	980427.32	3742458.94	18.94	0.00	18.94	1/11/2022, 8
1-HR	1ST	128.50106	ug/m^3	RES_652	980427.32	3742478.94	19.10	0.00	19.10	1/11/2022, 8
1-HR	1ST	137.94942	ug/m^3	RES_653	980427.32	3742498.94	19.22	0.00	19.22	1/11/2022, 8
1-HR	1ST	145.05566	ug/m^3	RES_654	980427.32	3742518.94	19.44	0.00	19.44	1/11/2022, 8
1-HR	1ST	149.73836	ug/m^3	RES_655	980427.32	3742538.94	19.64	0.00	19.64	1/11/2022, 8
1-HR	1ST	152.09856	ug/m^3	RES_656	980427.32	3742558.94	19.82	0.00	19.82	1/11/2022, 8
1-HR	1ST	152.17093	ug/m^3	RES_657	980427.32	3742578.94	19.86	0.00	19.86	1/11/2022, 8
1-HR	1ST	150.14438	ug/m^3	RES_658	980427.32	3742598.94	19.98	0.00	19.98	1/11/2022, 8
1-HR	1ST	146.30347	ug/m^3	RES_659	980427.32	3742618.94	20.19	0.00	20.19	1/11/2022, 8
1-HR	1ST	141.07319	ug/m^3	RES_660	980427.32	3742638.94	20.23	0.00	20.23	1/11/2022, 8
1-HR	1ST	134.56299	ug/m^3	RES_661	980427.32	3742658.94	20.26	0.00	20.26	1/11/2022, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	127.22002	ug/m^3	RES_662	980427.32	3742678.94	20.28	0.00	20.28	1/11/2022, 8
1-HR	1ST	73.44013	ug/m^3	RES_663	980447.32	3742438.94	18.48	0.00	18.48	1/11/2022, 8
1-HR	1ST	86.98191	ug/m^3	RES_664	980447.32	3742458.94	18.79	0.00	18.79	1/11/2022, 8
1-HR	1ST	99.56065	ug/m^3	RES_665	980447.32	3742478.94	19.05	0.00	19.05	1/11/2022, 8
1-HR	1ST	110.75028	ug/m^3	RES_666	980447.32	3742498.94	19.26	0.00	19.26	1/11/2022, 8
1-HR	1ST	120.33098	ug/m^3	RES_667	980447.32	3742518.94	19.45	0.00	19.45	1/11/2022, 8
1-HR	1ST	127.96561	ug/m^3	RES_668	980447.32	3742538.94	19.55	0.00	19.55	1/11/2022, 8
1-HR	1ST	133.60383	ug/m^3	RES_669	980447.32	3742558.94	19.57	0.00	19.57	1/11/2022, 8
1-HR	1ST	137.16587	ug/m^3	RES_670	980447.32	3742578.94	19.72	0.00	19.72	1/11/2022, 8
1-HR	1ST	138.68185	ug/m^3	RES_671	980447.32	3742598.94	19.90	0.00	19.90	1/11/2022, 8
1-HR	1ST	138.37352	ug/m^3	RES_672	980447.32	3742618.94	20.06	0.00	20.06	1/11/2022, 8
1-HR	1ST	136.31573	ug/m^3	RES_673	980447.32	3742638.94	20.11	0.00	20.11	1/11/2022, 8
1-HR	1ST	132.76100	ug/m^3	RES_674	980447.32	3742658.94	20.15	0.00	20.15	1/11/2022, 8
1-HR	1ST	73.62375	ug/m^3	RES_675	980467.32	3742478.94	18.84	0.00	18.84	1/11/2022, 8
1-HR	1ST	85.14817	ug/m^3	RES_676	980467.32	3742498.94	19.14	0.00	19.14	1/11/2022, 8
1-HR	1ST	95.73935	ug/m^3	RES_677	980467.32	3742518.94	19.33	0.00	19.33	1/11/2022, 8
1-HR	1ST	105.11871	ug/m^3	RES_678	980467.32	3742538.94	19.38	0.00	19.38	1/11/2022, 8
1-HR	1ST	112.99571	ug/m^3	RES_679	980467.32	3742558.94	19.26	0.00	19.26	1/11/2022, 8
1-HR	1ST	126.19444	ug/m^3	RES_680	980467.32	3742618.94	19.89	0.00	19.89	1/11/2022, 8
1-HR	1ST	127.13989	ug/m^3	RES_681	980467.32	3742638.94	20.00	0.00	20.00	1/11/2022, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	73.16838	ug/m^3	RES_682	980487.32	3742518.94	19.06	0.00	19.06	1/11/2022, 8
1-HR	1ST	83.03803	ug/m^3	RES_683	980487.32	3742538.94	19.14	0.00	19.14	1/11/2022, 8
1-HR	1ST	118.61903	ug/m^3	P_001	980077.18	3742616.83	20.05	0.00	20.05	12/29/2023, 8
1-HR	1ST	111.88770	ug/m^3	P_002	980077.18	3742636.83	20.26	0.00	20.26	12/29/2023, 8
1-HR	1ST	105.26141	ug/m^3	P_003	980077.18	3742656.83	20.55	0.00	20.55	12/29/2023, 8
1-HR	1ST	98.88709	ug/m^3	P_004	980077.18	3742676.83	20.68	0.00	20.68	12/29/2023, 8
1-HR	1ST	92.75729	ug/m^3	P_005	980077.18	3742696.83	20.68	0.00	20.68	12/29/2023, 8
1-HR	1ST	87.38838	ug/m^3	P_006	980077.18	3742716.83	20.55	0.00	20.55	1/18/2021, 8
1-HR	1ST	85.52545	ug/m^3	P_007	980077.18	3742736.83	20.45	0.00	20.45	1/18/2021, 8
1-HR	1ST	113.61362	ug/m^3	P_008	980097.18	3742616.83	20.12	0.00	20.12	1/18/2021, 8
1-HR	1ST	110.50554	ug/m^3	P_009	980097.18	3742636.83	20.39	0.00	20.39	1/18/2021, 8
1-HR	1ST	107.44244	ug/m^3	P_010	980097.18	3742656.83	20.78	0.00	20.78	1/18/2021, 8
1-HR	1ST	104.56924	ug/m^3	P_011	980097.18	3742676.83	20.96	0.00	20.96	1/18/2021, 8
1-HR	1ST	101.80386	ug/m^3	P_012	980097.18	3742696.83	20.96	0.00	20.96	1/18/2021, 8
1-HR	1ST	99.12139	ug/m^3	P_013	980097.18	3742716.83	20.69	0.00	20.69	1/18/2021, 8
1-HR	1ST	96.52469	ug/m^3	P_014	980097.18	3742736.83	20.55	0.00	20.55	1/18/2021, 8
1-HR	1ST	124.77973	ug/m^3	P_015	980117.18	3742636.83	20.48	0.00	20.48	1/18/2021, 8
1-HR	1ST	120.65113	ug/m^3	P_016	980117.18	3742656.83	20.83	0.00	20.83	1/18/2021, 8
1-HR	1ST	116.72569	ug/m^3	P_017	980117.18	3742676.83	21.00	0.00	21.00	1/18/2021, 8
1-HR	1ST	112.98842	ug/m^3	P_018	980117.18	3742696.83	20.97	0.00	20.97	1/18/2021, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	109.44270	ug/m^3	P_019	980117.18	3742716.83	20.70	0.00	20.70	1/18/2021, 8
1-HR	1ST	106.04485	ug/m^3	P_020	980117.18	3742736.83	20.59	0.00	20.59	1/18/2021, 8
1-HR	1ST	131.19022	ug/m^3	P_021	980137.18	3742656.83	20.81	0.00	20.81	1/18/2021, 8
1-HR	1ST	126.19823	ug/m^3	P_022	980137.18	3742676.83	20.94	0.00	20.94	1/18/2021, 8
1-HR	1ST	121.54998	ug/m^3	P_023	980137.18	3742696.83	20.86	0.00	20.86	1/18/2021, 8
1-HR	1ST	117.16830	ug/m^3	P_024	980137.18	3742716.83	20.62	0.00	20.62	1/18/2021, 8
1-HR	1ST	113.02928	ug/m^3	P_025	980137.18	3742736.83	20.58	0.00	20.58	1/18/2021, 8
1-HR	1ST	126.11662	ug/m^3	P_026	980157.18	3742696.83	20.73	0.00	20.73	1/18/2021, 8
1-HR	1ST	121.11516	ug/m^3	P_027	980157.18	3742716.83	20.61	0.00	20.61	1/18/2021, 8
1-HR	1ST	120.40530	ug/m^3	P_028	980177.18	3742716.83	20.77	0.00	20.77	1/18/2021, 8
1-HR	1ST	82.21851	ug/m^3	S_001	980089.92	3741804.77	17.51	0.00	17.51	1/6/2021, 8
1-HR	1ST	88.54670	ug/m^3	S_002	980089.92	3741824.77	17.50	0.00	17.50	1/6/2021, 8
1-HR	1ST	95.65714	ug/m^3	S_003	980089.92	3741844.77	17.49	0.00	17.49	1/6/2021, 8
1-HR	1ST	103.73584	ug/m^3	S_004	980089.92	3741864.77	17.48	0.00	17.48	1/6/2021, 8
1-HR	1ST	112.91291	ug/m^3	S_005	980089.92	3741884.77	17.50	0.00	17.50	1/6/2021, 8
1-HR	1ST	123.43089	ug/m^3	S_006	980089.92	3741904.77	17.51	0.00	17.51	1/6/2021, 8
1-HR	1ST	135.59873	ug/m^3	S_007	980089.92	3741924.77	17.51	0.00	17.51	1/6/2021, 8
1-HR	1ST	149.63847	ug/m^3	S_008	980089.92	3741944.77	17.53	0.00	17.53	1/6/2021, 8
1-HR	1ST	165.96490	ug/m^3	S_009	980089.92	3741964.77	17.60	0.00	17.60	1/6/2021, 8
1-HR	1ST	191.12138	ug/m^3	S_010	980089.92	3741984.77	17.73	0.00	17.73	1/6/2021, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	221.85728	ug/m^3	S_011	980089.92	3742004.77	17.79	0.00	17.79	12/27/2019, 8
1-HR	1ST	274.02639	ug/m^3	S_012	980089.92	3742024.77	17.88	0.00	17.88	1/4/2022, 8
1-HR	1ST	84.45907	ug/m^3	S_013	980109.92	3741804.77	17.01	0.00	17.01	1/5/2022, 8
1-HR	1ST	90.45029	ug/m^3	S_014	980109.92	3741824.77	17.12	0.00	17.12	1/5/2022, 8
1-HR	1ST	97.27124	ug/m^3	S_015	980109.92	3741844.77	17.17	0.00	17.17	1/5/2022, 8
1-HR	1ST	104.94546	ug/m^3	S_016	980109.92	3741864.77	17.19	0.00	17.19	1/5/2022, 8
1-HR	1ST	113.77074	ug/m^3	S_017	980109.92	3741884.77	17.14	0.00	17.14	1/5/2022, 8
1-HR	1ST	123.88412	ug/m^3	S_018	980109.92	3741904.77	17.12	0.00	17.12	1/5/2022, 8
1-HR	1ST	135.71112	ug/m^3	S_019	980109.92	3741924.77	17.14	0.00	17.14	1/5/2022, 8
1-HR	1ST	149.61574	ug/m^3	S_020	980109.92	3741944.77	17.24	0.00	17.24	1/5/2022, 8
1-HR	1ST	166.13308	ug/m^3	S_021	980109.92	3741964.77	17.37	0.00	17.37	1/5/2022, 8
1-HR	1ST	185.99152	ug/m^3	S_022	980109.92	3741984.77	17.53	0.00	17.53	1/5/2022, 8
1-HR	1ST	211.33353	ug/m^3	S_023	980109.92	3742004.77	17.68	0.00	17.68	1/5/2022, 8
1-HR	1ST	250.78985	ug/m^3	S_024	980109.92	3742024.77	17.81	0.00	17.81	1/6/2021, 8
1-HR	1ST	80.26074	ug/m^3	S_025	980129.92	3741784.77	16.84	0.00	16.84	1/5/2022, 8
1-HR	1ST	85.70602	ug/m^3	S_026	980129.92	3741804.77	16.83	0.00	16.83	1/5/2022, 8
1-HR	1ST	91.81183	ug/m^3	S_027	980129.92	3741824.77	16.98	0.00	16.98	1/5/2022, 8
1-HR	1ST	98.69460	ug/m^3	S_028	980129.92	3741844.77	17.06	0.00	17.06	1/5/2022, 8
1-HR	1ST	106.46972	ug/m^3	S_029	980129.92	3741864.77	17.08	0.00	17.08	1/5/2022, 8
1-HR	1ST	115.25034	ug/m^3	S_030	980129.92	3741884.77	16.92	0.00	16.92	1/5/2022, 8

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Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	125.35764	ug/m^3	S_031	980129.92	3741904.77	16.85	0.00	16.85	1/5/2022, 8
1-HR	1ST	137.01189	ug/m^3	S_032	980129.92	3741924.77	16.84	0.00	16.84	1/5/2022, 8
1-HR	1ST	150.63003	ug/m^3	S_033	980129.92	3741944.77	17.00	0.00	17.00	1/5/2022, 8
1-HR	1ST	166.59707	ug/m^3	S_034	980129.92	3741964.77	17.17	0.00	17.17	1/5/2022, 8
1-HR	1ST	185.95245	ug/m^3	S_035	980129.92	3741984.77	17.36	0.00	17.36	1/5/2022, 8
1-HR	1ST	211.06361	ug/m^3	S_036	980129.92	3742004.77	17.59	0.00	17.59	1/5/2022, 8
1-HR	1ST	243.45852	ug/m^3	S_037	980129.92	3742024.77	17.79	0.00	17.79	1/5/2022, 8
1-HR	1ST	74.92016	ug/m^3	S_038	980149.92	3741764.77	16.72	0.00	16.72	1/5/2022, 8
1-HR	1ST	79.73820	ug/m^3	S_039	980149.92	3741784.77	16.69	0.00	16.69	1/5/2022, 8
1-HR	1ST	85.07799	ug/m^3	S_040	980149.92	3741804.77	16.79	0.00	16.79	1/5/2022, 8
1-HR	1ST	91.07207	ug/m^3	S_041	980149.92	3741824.77	16.94	0.00	16.94	1/5/2022, 8
1-HR	1ST	97.76783	ug/m^3	S_042	980149.92	3741844.77	17.06	0.00	17.06	1/5/2022, 8
1-HR	1ST	105.34193	ug/m^3	S_043	980149.92	3741864.77	17.15	0.00	17.15	1/5/2022, 8
1-HR	1ST	113.86083	ug/m^3	S_044	980149.92	3741884.77	17.01	0.00	17.01	1/5/2022, 8
1-HR	1ST	123.50214	ug/m^3	S_045	980149.92	3741904.77	16.86	0.00	16.86	1/5/2022, 8
1-HR	1ST	134.50893	ug/m^3	S_046	980149.92	3741924.77	16.70	0.00	16.70	1/5/2022, 8
1-HR	1ST	147.34268	ug/m^3	S_047	980149.92	3741944.77	16.84	0.00	16.84	1/5/2022, 8
1-HR	1ST	162.43352	ug/m^3	S_048	980149.92	3741964.77	17.04	0.00	17.04	1/5/2022, 8
1-HR	1ST	181.75162	ug/m^3	S_049	980149.92	3741984.77	17.25	0.00	17.25	1/5/2022, 8
1-HR	1ST	205.95811	ug/m^3	S_050	980149.92	3742004.77	17.53	0.00	17.53	1/5/2022, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	237.49632	ug/m^3	S_051	980149.92	3742024.77	17.79	0.00	17.79	1/5/2022, 8
1-HR	1ST	280.12437	ug/m^3	S_052	980149.92	3742044.77	17.92	0.00	17.92	1/5/2022, 8
1-HR	1ST	68.93812	ug/m^3	S_053	980169.92	3741744.77	16.64	0.00	16.64	1/5/2022, 8
1-HR	1ST	73.06848	ug/m^3	S_054	980169.92	3741764.77	16.56	0.00	16.56	1/5/2022, 8
1-HR	1ST	77.62949	ug/m^3	S_055	980169.92	3741784.77	16.62	0.00	16.62	1/5/2022, 8
1-HR	1ST	82.70558	ug/m^3	S_056	980169.92	3741804.77	16.78	0.00	16.78	1/5/2022, 8
1-HR	1ST	88.37905	ug/m^3	S_057	980169.92	3741824.77	16.89	0.00	16.89	1/5/2022, 8
1-HR	1ST	94.64710	ug/m^3	S_058	980169.92	3741844.77	16.99	0.00	16.99	1/5/2022, 8
1-HR	1ST	101.70219	ug/m^3	S_059	980169.92	3741864.77	17.09	0.00	17.09	1/5/2022, 8
1-HR	1ST	109.63486	ug/m^3	S_060	980169.92	3741884.77	17.08	0.00	17.08	1/5/2022, 8
1-HR	1ST	118.61503	ug/m^3	S_061	980169.92	3741904.77	17.05	0.00	17.05	1/5/2022, 8
1-HR	1ST	128.79683	ug/m^3	S_062	980169.92	3741924.77	16.98	0.00	16.98	1/5/2022, 8
1-HR	1ST	140.44166	ug/m^3	S_063	980169.92	3741944.77	16.98	0.00	16.98	1/5/2022, 8
1-HR	1ST	155.21296	ug/m^3	S_064	980169.92	3741964.77	17.02	0.00	17.02	1/5/2022, 8
1-HR	1ST	173.25202	ug/m^3	S_065	980169.92	3741984.77	17.17	0.00	17.17	1/5/2022, 8
1-HR	1ST	195.84994	ug/m^3	S_066	980169.92	3742004.77	17.45	0.00	17.45	1/5/2022, 8
1-HR	1ST	225.32821	ug/m^3	S_067	980169.92	3742024.77	17.74	0.00	17.74	1/5/2022, 8
1-HR	1ST	275.46541	ug/m^3	S_068	980169.92	3742044.77	17.96	0.00	17.96	12/19/2023, 8
1-HR	1ST	66.09803	ug/m^3	S_069	980189.92	3741744.77	16.36	0.00	16.36	1/5/2022, 8
1-HR	1ST	69.94029	ug/m^3	S_070	980189.92	3741764.77	16.46	0.00	16.46	1/5/2022, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	74.14331	ug/m^3	S_071	980189.92	3741784.77	16.60	0.00	16.60	1/5/2022, 8
1-HR	1ST	78.77432	ug/m^3	S_072	980189.92	3741804.77	16.77	0.00	16.77	1/5/2022, 8
1-HR	1ST	83.90488	ug/m^3	S_073	980189.92	3741824.77	16.85	0.00	16.85	1/5/2022, 8
1-HR	1ST	89.62687	ug/m^3	S_074	980189.92	3741844.77	16.94	0.00	16.94	1/5/2022, 8
1-HR	1ST	95.98599	ug/m^3	S_075	980189.92	3741864.77	17.03	0.00	17.03	1/5/2022, 8
1-HR	1ST	103.11221	ug/m^3	S_076	980189.92	3741884.77	17.15	0.00	17.15	1/5/2022, 8
1-HR	1ST	111.13562	ug/m^3	S_077	980189.92	3741904.77	17.25	0.00	17.25	1/5/2022, 8
1-HR	1ST	120.21777	ug/m^3	S_078	980189.92	3741924.77	17.33	0.00	17.33	1/5/2022, 8
1-HR	1ST	131.34123	ug/m^3	S_079	980189.92	3741944.77	17.28	0.00	17.28	1/5/2022, 8
1-HR	1ST	144.64859	ug/m^3	S_080	980189.92	3741964.77	17.21	0.00	17.21	1/5/2022, 8
1-HR	1ST	161.50874	ug/m^3	S_081	980189.92	3741984.77	17.14	0.00	17.14	12/19/2023, 8
1-HR	1ST	191.86885	ug/m^3	S_082	980189.92	3742004.77	17.30	0.00	17.30	12/19/2023, 8
1-HR	1ST	229.29125	ug/m^3	S_083	980189.92	3742024.77	17.56	0.00	17.56	12/19/2023, 8
1-HR	1ST	277.28808	ug/m^3	S_084	980189.92	3742044.77	17.88	0.00	17.88	12/19/2023, 8
1-HR	1ST	59.15056	ug/m^3	S_085	980209.92	3741724.77	16.33	0.00	16.33	1/5/2022, 8
1-HR	1ST	62.26332	ug/m^3	S_086	980209.92	3741744.77	16.26	0.00	16.26	1/5/2022, 8
1-HR	1ST	65.70468	ug/m^3	S_087	980209.92	3741764.77	16.43	0.00	16.43	1/5/2022, 8
1-HR	1ST	69.43205	ug/m^3	S_088	980209.92	3741784.77	16.59	0.00	16.59	1/5/2022, 8
1-HR	1ST	73.53783	ug/m^3	S_089	980209.92	3741804.77	16.75	0.00	16.75	1/5/2022, 8
1-HR	1ST	78.06178	ug/m^3	S_090	980209.92	3741824.77	16.83	0.00	16.83	1/5/2022, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	83.06318	ug/m^3	S_091	980209.92	3741844.77	16.93	0.00	16.93	1/5/2022, 8
1-HR	1ST	88.56192	ug/m^3	S_092	980209.92	3741864.77	17.05	0.00	17.05	1/5/2022, 8
1-HR	1ST	94.74000	ug/m^3	S_093	980209.92	3741884.77	17.24	0.00	17.24	1/5/2022, 8
1-HR	1ST	101.65648	ug/m^3	S_094	980209.92	3741904.77	17.43	0.00	17.43	1/5/2022, 8
1-HR	1ST	109.94863	ug/m^3	S_095	980209.92	3741924.77	17.63	0.00	17.63	1/5/2022, 8
1-HR	1ST	124.97225	ug/m^3	S_096	980209.92	3741944.77	17.60	0.00	17.60	12/19/2023, 8
1-HR	1ST	145.58899	ug/m^3	S_097	980209.92	3741964.77	17.46	0.00	17.46	12/19/2023, 8
1-HR	1ST	169.67753	ug/m^3	S_098	980209.92	3741984.77	17.20	0.00	17.20	12/19/2023, 8
1-HR	1ST	198.29057	ug/m^3	S_099	980209.92	3742004.77	17.19	0.00	17.19	12/19/2023, 8
1-HR	1ST	232.90125	ug/m^3	S_100	980209.92	3742024.77	17.35	0.00	17.35	12/19/2023, 8
1-HR	1ST	276.46270	ug/m^3	S_101	980209.92	3742044.77	17.75	0.00	17.75	12/19/2023, 8
1-HR	1ST	333.80654	ug/m^3	S_102	980209.92	3742064.77	17.97	0.00	17.97	12/19/2023, 8
1-HR	1ST	52.43877	ug/m^3	S_103	980229.92	3741704.77	16.26	0.00	16.26	1/5/2022, 8
1-HR	1ST	54.92556	ug/m^3	S_104	980229.92	3741724.77	16.15	0.00	16.15	1/5/2022, 8
1-HR	1ST	57.96081	ug/m^3	S_105	980229.92	3741744.77	16.23	0.00	16.23	12/25/2020, 8
1-HR	1ST	61.34539	ug/m^3	S_106	980229.92	3741764.77	16.38	0.00	16.38	12/25/2020, 8
1-HR	1ST	64.99396	ug/m^3	S_107	980229.92	3741784.77	16.52	0.00	16.52	12/25/2020, 8
1-HR	1ST	68.99718	ug/m^3	S_108	980229.92	3741804.77	16.65	0.00	16.65	12/25/2020, 8
1-HR	1ST	73.39997	ug/m^3	S_109	980229.92	3741824.77	16.79	0.00	16.79	12/25/2020, 8
1-HR	1ST	78.24200	ug/m^3	S_110	980229.92	3741844.77	16.95	0.00	16.95	12/25/2020, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	83.59927	ug/m^3	S_111	980229.92	3741864.77	17.16	0.00	17.16	12/25/2020, 8
1-HR	1ST	90.11985	ug/m^3	S_112	980229.92	3741884.77	17.36	0.00	17.36	12/21/2020, 8
1-HR	1ST	101.04742	ug/m^3	S_113	980229.92	3741904.77	17.57	0.00	17.57	12/21/2020, 8
1-HR	1ST	115.71869	ug/m^3	S_114	980229.92	3741924.77	17.81	0.00	17.81	12/19/2023, 8
1-HR	1ST	133.09111	ug/m^3	S_115	980229.92	3741944.77	17.82	0.00	17.82	12/19/2023, 8
1-HR	1ST	152.98417	ug/m^3	S_116	980229.92	3741964.77	17.68	0.00	17.68	12/19/2023, 8
1-HR	1ST	175.83392	ug/m^3	S_117	980229.92	3741984.77	17.30	0.00	17.30	12/19/2023, 8
1-HR	1ST	202.41961	ug/m^3	S_118	980229.92	3742004.77	17.17	0.00	17.17	12/19/2023, 8
1-HR	1ST	233.90861	ug/m^3	S_119	980229.92	3742024.77	17.20	0.00	17.20	12/19/2023, 8
1-HR	1ST	272.39587	ug/m^3	S_120	980229.92	3742044.77	17.62	0.00	17.62	12/19/2023, 8
1-HR	1ST	320.46608	ug/m^3	S_121	980229.92	3742064.77	17.87	0.00	17.87	12/19/2023, 8
1-HR	1ST	50.89037	ug/m^3	S_122	980249.92	3741704.77	16.07	0.00	16.07	12/25/2020, 8
1-HR	1ST	53.48577	ug/m^3	S_123	980249.92	3741724.77	16.05	0.00	16.05	12/25/2020, 8
1-HR	1ST	56.29652	ug/m^3	S_124	980249.92	3741744.77	16.19	0.00	16.19	12/25/2020, 8
1-HR	1ST	59.32585	ug/m^3	S_125	980249.92	3741764.77	16.33	0.00	16.33	12/25/2020, 8
1-HR	1ST	62.60907	ug/m^3	S_126	980249.92	3741784.77	16.45	0.00	16.45	12/25/2020, 8
1-HR	1ST	66.17246	ug/m^3	S_127	980249.92	3741804.77	16.57	0.00	16.57	12/25/2020, 8
1-HR	1ST	70.03983	ug/m^3	S_128	980249.92	3741824.77	16.74	0.00	16.74	12/25/2020, 8
1-HR	1ST	76.91989	ug/m^3	S_129	980249.92	3741844.77	16.95	0.00	16.95	12/21/2020, 8
1-HR	1ST	85.35976	ug/m^3	S_130	980249.92	3741864.77	17.20	0.00	17.20	12/21/2020, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	94.79370	ug/m^3	S_131	980249.92	3741884.77	17.41	0.00	17.41	12/21/2020, 8
1-HR	1ST	107.85038	ug/m^3	S_132	980249.92	3741904.77	17.62	0.00	17.62	12/19/2023, 8
1-HR	1ST	122.71803	ug/m^3	S_133	980249.92	3741924.77	17.91	0.00	17.91	12/19/2023, 8
1-HR	1ST	139.47544	ug/m^3	S_134	980249.92	3741944.77	17.95	0.00	17.95	12/19/2023, 8
1-HR	1ST	158.39202	ug/m^3	S_135	980249.92	3741964.77	17.83	0.00	17.83	12/19/2023, 8
1-HR	1ST	179.69686	ug/m^3	S_136	980249.92	3741984.77	17.44	0.00	17.44	12/19/2023, 8
1-HR	1ST	204.01062	ug/m^3	S_137	980249.92	3742004.77	17.23	0.00	17.23	12/19/2023, 8
1-HR	1ST	232.02440	ug/m^3	S_138	980249.92	3742024.77	17.19	0.00	17.19	12/19/2023, 8
1-HR	1ST	265.23514	ug/m^3	S_139	980249.92	3742044.77	17.55	0.00	17.55	12/19/2023, 8
1-HR	1ST	305.02476	ug/m^3	S_140	980249.92	3742064.77	17.82	0.00	17.82	12/19/2023, 8
1-HR	1ST	354.24570	ug/m^3	S_141	980249.92	3742084.77	17.99	0.00	17.99	12/19/2023, 8
1-HR	1ST	46.97406	ug/m^3	S_142	980269.92	3741684.77	15.98	0.00	15.98	12/25/2020, 8
1-HR	1ST	49.14823	ug/m^3	S_143	980269.92	3741704.77	15.93	0.00	15.93	12/25/2020, 8
1-HR	1ST	51.44353	ug/m^3	S_144	980269.92	3741724.77	16.00	0.00	16.00	12/25/2020, 8
1-HR	1ST	53.93304	ug/m^3	S_145	980269.92	3741744.77	16.14	0.00	16.14	12/25/2020, 8
1-HR	1ST	56.59318	ug/m^3	S_146	980269.92	3741764.77	16.28	0.00	16.28	12/25/2020, 8
1-HR	1ST	60.70909	ug/m^3	S_147	980269.92	3741784.77	16.41	0.00	16.41	12/21/2020, 8
1-HR	1ST	66.75518	ug/m^3	S_148	980269.92	3741804.77	16.54	0.00	16.54	12/21/2020, 8
1-HR	1ST	73.43936	ug/m^3	S_149	980269.92	3741824.77	16.74	0.00	16.74	12/21/2020, 8
1-HR	1ST	80.84285	ug/m^3	S_150	980269.92	3741844.77	16.96	0.00	16.96	12/21/2020, 8

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	89.57550	ug/m^3	S_151	980269.92	3741864.77	17.20	0.00	17.20	12/19/2023, 8
1-HR	1ST	101.01273	ug/m^3	S_152	980269.92	3741884.77	17.42	0.00	17.42	12/19/2023, 8
1-HR	1ST	113.80868	ug/m^3	S_153	980269.92	3741904.77	17.65	0.00	17.65	12/19/2023, 8
1-HR	1ST	128.07891	ug/m^3	S_154	980269.92	3741924.77	17.83	0.00	17.83	12/19/2023, 8
1-HR	1ST	143.89700	ug/m^3	S_155	980269.92	3741944.77	17.87	0.00	17.87	12/19/2023, 8
1-HR	1ST	161.49833	ug/m^3	S_156	980269.92	3741964.77	17.81	0.00	17.81	12/19/2023, 8
1-HR	1ST	180.97992	ug/m^3	S_157	980269.92	3741984.77	17.53	0.00	17.53	12/19/2023, 8
1-HR	1ST	202.68820	ug/m^3	S_158	980269.92	3742004.77	17.37	0.00	17.37	12/19/2023, 8
1-HR	1ST	227.10939	ug/m^3	S_159	980269.92	3742024.77	17.32	0.00	17.32	12/19/2023, 8
1-HR	1ST	255.05702	ug/m^3	S_160	980269.92	3742044.77	17.57	0.00	17.57	12/19/2023, 8
1-HR	1ST	287.26270	ug/m^3	S_161	980269.92	3742064.77	17.80	0.00	17.80	12/19/2023, 8
1-HR	1ST	325.34149	ug/m^3	S_162	980269.92	3742084.77	18.02	0.00	18.02	12/19/2023, 8
1-HR	1ST	372.67843	ug/m^3	S_163	980269.92	3742104.77	18.10	0.00	18.10	12/19/2023, 8
1-HR	1ST	44.98298	ug/m^3	S_164	980289.92	3741684.77	15.88	0.00	19.14	12/25/2020, 8
1-HR	1ST	46.87071	ug/m^3	S_165	980289.92	3741704.77	15.82	0.00	15.82	12/25/2020, 8
1-HR	1ST	49.25679	ug/m^3	S_166	980289.92	3741724.77	15.94	0.00	15.94	12/21/2020, 8
1-HR	1ST	53.76404	ug/m^3	S_167	980289.92	3741744.77	16.09	0.00	16.09	12/21/2020, 8
1-HR	1ST	58.70904	ug/m^3	S_168	980289.92	3741764.77	16.24	0.00	16.24	12/21/2020, 8
1-HR	1ST	64.13324	ug/m^3	S_169	980289.92	3741784.77	16.40	0.00	16.40	12/21/2020, 8
1-HR	1ST	70.05121	ug/m^3	S_170	980289.92	3741804.77	16.58	0.00	16.58	12/21/2020, 8

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	76.53716	ug/m^3	S_171	980289.92	3741824.77	16.80	0.00	16.80	12/21/2020, 8
1-HR	1ST	84.87915	ug/m^3	S_172	980289.92	3741844.77	17.02	0.00	17.02	12/19/2023, 8
1-HR	1ST	94.92075	ug/m^3	S_173	980289.92	3741864.77	17.23	0.00	17.23	12/19/2023, 8
1-HR	1ST	106.01275	ug/m^3	S_174	980289.92	3741884.77	17.46	0.00	17.46	12/19/2023, 8
1-HR	1ST	118.24660	ug/m^3	S_175	980289.92	3741904.77	17.66	0.00	17.66	12/19/2023, 8
1-HR	1ST	131.61835	ug/m^3	S_176	980289.92	3741924.77	17.71	0.00	17.71	12/19/2023, 8
1-HR	1ST	146.26140	ug/m^3	S_177	980289.92	3741944.77	17.76	0.00	17.76	12/19/2023, 8
1-HR	1ST	162.22544	ug/m^3	S_178	980289.92	3741964.77	17.80	0.00	17.80	12/19/2023, 8
1-HR	1ST	179.50862	ug/m^3	S_179	980289.92	3741984.77	17.62	0.00	17.62	12/19/2023, 8
1-HR	1ST	198.32547	ug/m^3	S_180	980289.92	3742004.77	17.48	0.00	17.48	12/19/2023, 8
1-HR	1ST	218.79451	ug/m^3	S_181	980289.92	3742024.77	17.36	0.00	17.36	12/19/2023, 8
1-HR	1ST	241.40988	ug/m^3	S_182	980289.92	3742044.77	17.56	0.00	17.56	12/19/2023, 8
1-HR	1ST	266.36257	ug/m^3	S_183	980289.92	3742064.77	17.78	0.00	17.78	12/19/2023, 8
1-HR	1ST	294.35429	ug/m^3	S_184	980289.92	3742084.77	18.02	0.00	18.02	12/19/2023, 8
1-HR	1ST	326.80043	ug/m^3	S_185	980289.92	3742104.77	18.15	0.00	18.15	12/19/2023, 8
1-HR	1ST	365.74301	ug/m^3	S_186	980289.92	3742124.77	18.24	0.00	18.24	12/19/2023, 8
1-HR	1ST	44.32795	ug/m^3	S_187	980309.92	3741684.77	15.84	0.00	15.84	12/21/2020, 8
1-HR	1ST	48.08066	ug/m^3	S_188	980309.92	3741704.77	15.78	0.00	15.78	12/21/2020, 8
1-HR	1ST	52.18602	ug/m^3	S_189	980309.92	3741724.77	15.91	0.00	15.91	12/21/2020, 8
1-HR	1ST	56.67235	ug/m^3	S_190	980309.92	3741744.77	16.07	0.00	16.07	12/21/2020, 8

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Tustin District Office Project
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PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	61.50830	ug/m^3	S_191	980309.92	3741764.77	16.25	0.00	16.25	12/21/2020, 8
1-HR	1ST	66.76159	ug/m^3	S_192	980309.92	3741784.77	16.44	0.00	16.44	12/21/2020, 8
1-HR	1ST	72.46763	ug/m^3	S_193	980309.92	3741804.77	16.66	0.00	16.66	12/19/2023, 8
1-HR	1ST	80.53811	ug/m^3	S_194	980309.92	3741824.77	16.89	0.00	16.89	12/19/2023, 8
1-HR	1ST	89.40034	ug/m^3	S_195	980309.92	3741844.77	17.13	0.00	17.13	12/19/2023, 8
1-HR	1ST	99.07856	ug/m^3	S_196	980309.92	3741864.77	17.37	0.00	17.37	12/19/2023, 8
1-HR	1ST	109.62321	ug/m^3	S_197	980309.92	3741884.77	17.55	0.00	17.55	12/19/2023, 8
1-HR	1ST	121.03365	ug/m^3	S_198	980309.92	3741904.77	17.68	0.00	17.68	12/19/2023, 8
1-HR	1ST	133.27306	ug/m^3	S_199	980309.92	3741924.77	17.67	0.00	17.67	12/19/2023, 8
1-HR	1ST	146.44760	ug/m^3	S_200	980309.92	3741944.77	17.76	0.00	17.76	12/19/2023, 8
1-HR	1ST	160.52389	ug/m^3	S_201	980309.92	3741964.77	17.93	0.00	17.93	12/19/2023, 8
1-HR	1ST	175.34539	ug/m^3	S_202	980309.92	3741984.77	17.75	0.00	17.75	12/19/2023, 8
1-HR	1ST	190.94067	ug/m^3	S_203	980309.92	3742004.77	17.56	0.00	17.56	12/19/2023, 8
1-HR	1ST	207.29945	ug/m^3	S_204	980309.92	3742024.77	17.38	0.00	17.38	12/19/2023, 8
1-HR	1ST	224.52150	ug/m^3	S_205	980309.92	3742044.77	17.53	0.00	17.53	12/19/2023, 8
1-HR	1ST	242.47514	ug/m^3	S_206	980309.92	3742064.77	17.73	0.00	17.73	12/19/2023, 8
1-HR	1ST	261.09664	ug/m^3	S_207	980309.92	3742084.77	17.96	0.00	17.96	12/19/2023, 8
1-HR	1ST	280.45634	ug/m^3	S_208	980309.92	3742104.77	18.13	0.00	18.13	12/19/2023, 8
1-HR	1ST	300.02841	ug/m^3	S_209	980309.92	3742124.77	18.25	0.00	18.25	12/19/2023, 8
1-HR	1ST	317.67787	ug/m^3	S_210	980309.92	3742144.77	18.25	0.00	18.25	12/19/2023, 8

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Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	46.83930	ug/m^3	S_211	980329.92	3741684.77	16.06	0.00	16.06	12/21/2020, 8
1-HR	1ST	50.55605	ug/m^3	S_212	980329.92	3741704.77	16.00	0.00	16.00	12/21/2020, 8
1-HR	1ST	54.59441	ug/m^3	S_213	980329.92	3741724.77	16.05	0.00	16.05	12/21/2020, 8
1-HR	1ST	58.90987	ug/m^3	S_214	980329.92	3741744.77	16.15	0.00	16.15	12/21/2020, 8
1-HR	1ST	63.58543	ug/m^3	S_215	980329.92	3741764.77	16.32	0.00	16.32	12/21/2020, 8
1-HR	1ST	69.29773	ug/m^3	S_216	980329.92	3741784.77	16.51	0.00	16.51	12/19/2023, 8
1-HR	1ST	76.49691	ug/m^3	S_217	980329.92	3741804.77	16.74	0.00	16.74	12/19/2023, 8
1-HR	1ST	84.36248	ug/m^3	S_218	980329.92	3741824.77	17.00	0.00	17.00	12/19/2023, 8
1-HR	1ST	92.83889	ug/m^3	S_219	980329.92	3741844.77	17.28	0.00	17.28	12/19/2023, 8
1-HR	1ST	101.97526	ug/m^3	S_220	980329.92	3741864.77	17.57	0.00	17.57	12/19/2023, 8
1-HR	1ST	111.74253	ug/m^3	S_221	980329.92	3741884.77	17.75	0.00	17.75	12/19/2023, 8
1-HR	1ST	122.11225	ug/m^3	S_222	980329.92	3741904.77	17.84	0.00	17.84	12/19/2023, 8
1-HR	1ST	133.05626	ug/m^3	S_223	980329.92	3741924.77	17.88	0.00	17.88	12/19/2023, 8
1-HR	1ST	144.56838	ug/m^3	S_224	980329.92	3741944.77	18.03	0.00	18.03	12/19/2023, 8
1-HR	1ST	156.52610	ug/m^3	S_225	980329.92	3741964.77	18.30	0.00	18.30	12/19/2023, 8
1-HR	1ST	168.63275	ug/m^3	S_226	980329.92	3741984.77	17.94	0.00	17.94	12/19/2023, 8
1-HR	1ST	180.87604	ug/m^3	S_227	980329.92	3742004.77	17.62	0.00	17.62	12/19/2023, 8
1-HR	1ST	193.10299	ug/m^3	S_228	980329.92	3742024.77	17.39	0.00	17.39	12/19/2023, 8
1-HR	1ST	205.11078	ug/m^3	S_229	980329.92	3742044.77	17.47	0.00	17.47	12/19/2023, 8
1-HR	1ST	216.51956	ug/m^3	S_230	980329.92	3742064.77	17.64	0.00	17.64	12/19/2023, 8

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PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	226.85259	ug/m^3	S_231	980329.92	3742084.77	17.88	0.00	17.88	12/19/2023, 8
1-HR	1ST	235.21139	ug/m^3	S_232	980329.92	3742104.77	18.07	0.00	18.07	12/19/2023, 8
1-HR	1ST	240.37078	ug/m^3	S_233	980329.92	3742124.77	18.21	0.00	18.21	12/19/2023, 8
1-HR	1ST	265.29817	ug/m^3	S_234	980329.92	3742144.77	18.22	0.00	18.22	12/21/2021, 8
1-HR	1ST	294.38981	ug/m^3	S_235	980329.92	3742164.77	18.20	0.00	18.20	12/21/2021, 8
1-HR	1ST	60.51826	ug/m^3	S_236	980349.92	3741744.77	16.24	0.00	16.24	12/21/2020, 8
1-HR	1ST	66.29740	ug/m^3	S_237	980349.92	3741764.77	16.37	0.00	16.37	12/19/2023, 8
1-HR	1ST	72.74127	ug/m^3	S_238	980349.92	3741784.77	16.56	0.00	16.56	12/19/2023, 8
1-HR	1ST	79.71729	ug/m^3	S_239	980349.92	3741804.77	16.80	0.00	16.80	12/19/2023, 8
1-HR	1ST	87.14558	ug/m^3	S_240	980349.92	3741824.77	17.05	0.00	17.05	12/19/2023, 8
1-HR	1ST	95.10800	ug/m^3	S_241	980349.92	3741844.77	17.32	0.00	17.32	12/19/2023, 8
1-HR	1ST	103.51336	ug/m^3	S_242	980349.92	3741864.77	17.60	0.00	17.60	12/19/2023, 8
1-HR	1ST	112.33453	ug/m^3	S_243	980349.92	3741884.77	17.79	0.00	17.79	12/19/2023, 8
1-HR	1ST	121.53833	ug/m^3	S_244	980349.92	3741904.77	17.90	0.00	17.90	12/19/2023, 8
1-HR	1ST	130.97479	ug/m^3	S_245	980349.92	3741924.77	17.84	0.00	17.84	12/19/2023, 8
1-HR	1ST	140.55587	ug/m^3	S_246	980349.92	3741944.77	17.81	0.00	17.81	12/19/2023, 8
1-HR	1ST	150.20464	ug/m^3	S_247	980349.92	3741964.77	17.84	0.00	17.84	12/19/2023, 8
1-HR	1ST	159.66452	ug/m^3	S_248	980349.92	3741984.77	17.73	0.00	17.73	12/19/2023, 8
1-HR	1ST	168.69764	ug/m^3	S_249	980349.92	3742004.77	17.58	0.00	17.58	12/19/2023, 8
1-HR	1ST	176.94935	ug/m^3	S_250	980349.92	3742024.77	17.33	0.00	17.33	12/19/2023, 8

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AERMOD View by Lakes Environmental Software

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9/18/2025

Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	184.17261	ug/m^3	S_251	980349.92	3742044.77	17.37	0.00	17.37	12/19/2023, 8
1-HR	1ST	189.84415	ug/m^3	S_252	980349.92	3742064.77	17.53	0.00	17.53	12/19/2023, 8
1-HR	1ST	193.32549	ug/m^3	S_253	980349.92	3742084.77	17.81	0.00	17.81	12/19/2023, 8
1-HR	1ST	193.48275	ug/m^3	S_254	980349.92	3742104.77	17.98	0.00	17.98	12/19/2023, 8
1-HR	1ST	211.38405	ug/m^3	S_255	980349.92	3742124.77	18.10	0.00	18.10	12/21/2021, 8
1-HR	1ST	233.17757	ug/m^3	S_256	980349.92	3742144.77	18.16	0.00	18.16	12/21/2021, 8
1-HR	1ST	247.56394	ug/m^3	S_257	980349.92	3742164.77	18.18	0.00	18.18	12/21/2021, 8
1-HR	1ST	88.91057	ug/m^3	S_258	980369.92	3741824.77	17.01	0.00	17.01	12/19/2023, 8
1-HR	1ST	96.16583	ug/m^3	S_259	980369.92	3741844.77	17.24	0.00	17.24	12/19/2023, 8
1-HR	1ST	103.71289	ug/m^3	S_260	980369.92	3741864.77	17.49	0.00	17.49	12/19/2023, 8
1-HR	1ST	111.48192	ug/m^3	S_261	980369.92	3741884.77	17.68	0.00	17.68	12/19/2023, 8
1-HR	1ST	119.35738	ug/m^3	S_262	980369.92	3741904.77	17.82	0.00	17.82	12/19/2023, 8
1-HR	1ST	127.19445	ug/m^3	S_263	980369.92	3741924.77	17.71	0.00	17.71	12/19/2023, 8
1-HR	1ST	134.87689	ug/m^3	S_264	980369.92	3741944.77	17.60	0.00	17.60	12/19/2023, 8
1-HR	1ST	142.25106	ug/m^3	S_265	980369.92	3741964.77	17.52	0.00	17.52	12/19/2023, 8
1-HR	1ST	149.04988	ug/m^3	S_266	980369.92	3741984.77	17.46	0.00	17.46	12/19/2023, 8
1-HR	1ST	154.99339	ug/m^3	S_267	980369.92	3742004.77	17.39	0.00	17.39	12/19/2023, 8
1-HR	1ST	159.70841	ug/m^3	S_268	980369.92	3742024.77	17.26	0.00	17.26	12/19/2023, 8
1-HR	1ST	162.85260	ug/m^3	S_269	980369.92	3742044.77	17.32	0.00	17.32	12/19/2023, 8
1-HR	1ST	163.88487	ug/m^3	S_270	980369.92	3742064.77	17.47	0.00	17.47	12/19/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	162.15355	ug/m^3	S_271	980369.92	3742084.77	17.75	0.00	17.75	12/19/2023, 8
1-HR	1ST	173.46092	ug/m^3	S_272	980369.92	3742104.77	17.92	0.00	17.92	12/21/2021, 8
1-HR	1ST	191.38407	ug/m^3	S_273	980369.92	3742124.77	18.02	0.00	18.02	12/21/2021, 8
1-HR	1ST	204.50199	ug/m^3	S_274	980369.92	3742144.77	18.07	0.00	18.07	12/21/2021, 8
1-HR	1ST	109.27821	ug/m^3	S_275	980389.92	3741884.77	17.46	0.00	17.46	12/19/2023, 8
1-HR	1ST	115.77772	ug/m^3	S_276	980389.92	3741904.77	17.62	0.00	17.62	12/19/2023, 8
1-HR	1ST	122.01284	ug/m^3	S_277	980389.92	3741924.77	17.52	0.00	17.52	12/19/2023, 8
1-HR	1ST	127.78252	ug/m^3	S_278	980389.92	3741944.77	17.34	0.00	17.34	12/19/2023, 8
1-HR	1ST	132.94606	ug/m^3	S_279	980389.92	3741964.77	17.07	0.00	17.07	12/19/2023, 8
1-HR	1ST	137.28197	ug/m^3	S_280	980389.92	3741984.77	17.06	0.00	17.06	12/19/2023, 8
1-HR	1ST	140.48878	ug/m^3	S_281	980389.92	3742004.77	17.13	0.00	17.13	12/19/2023, 8
1-HR	1ST	142.19681	ug/m^3	S_282	980389.92	3742024.77	17.14	0.00	17.14	12/19/2023, 8
1-HR	1ST	142.07918	ug/m^3	S_283	980389.92	3742044.77	17.26	0.00	17.26	12/19/2023, 8
1-HR	1ST	139.59666	ug/m^3	S_284	980389.92	3742064.77	17.43	0.00	17.43	12/19/2023, 8
1-HR	1ST	145.02543	ug/m^3	S_285	980389.92	3742084.77	17.71	0.00	17.71	12/21/2021, 8
1-HR	1ST	160.45493	ug/m^3	S_286	980389.92	3742104.77	17.88	0.00	17.88	12/21/2021, 8
1-HR	1ST	172.81120	ug/m^3	S_287	980389.92	3742124.77	17.96	0.00	17.96	12/21/2021, 8
1-HR	1ST	119.68631	ug/m^3	S_288	980409.92	3741944.77	17.05	0.00	17.05	12/19/2023, 8
1-HR	1ST	122.80222	ug/m^3	S_289	980409.92	3741964.77	16.48	0.00	16.48	12/19/2023, 8
1-HR	1ST	124.97692	ug/m^3	S_290	980409.92	3741984.77	16.56	0.00	16.56	12/19/2023, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	125.87287	ug/m^3	S_291	980409.92	3742004.77	16.85	0.00	16.85	12/19/2023, 8
1-HR	1ST	125.14948	ug/m^3	S_292	980409.92	3742024.77	16.99	0.00	16.99	12/19/2023, 8
1-HR	1ST	122.52641	ug/m^3	S_293	980409.92	3742044.77	17.19	0.00	17.19	12/19/2023, 8
1-HR	1ST	122.78988	ug/m^3	S_294	980409.92	3742064.77	17.43	0.00	17.43	12/21/2021, 8
1-HR	1ST	136.35242	ug/m^3	S_295	980409.92	3742084.77	17.69	0.00	17.69	12/21/2021, 8
1-HR	1ST	147.93277	ug/m^3	S_296	980409.92	3742104.77	17.82	0.00	17.82	12/21/2021, 8
1-HR	1ST	155.95344	ug/m^3	S_297	980409.92	3742124.77	17.86	0.00	17.86	12/21/2021, 8
1-HR	1ST	112.33294	ug/m^3	S_298	980429.92	3741964.77	16.39	0.00	16.39	12/19/2023, 8
1-HR	1ST	112.63510	ug/m^3	S_299	980429.92	3741984.77	16.38	0.00	16.38	12/19/2023, 8
1-HR	1ST	111.62408	ug/m^3	S_300	980429.92	3742004.77	16.60	0.00	16.60	12/19/2023, 8
1-HR	1ST	109.03945	ug/m^3	S_301	980429.92	3742024.77	16.84	0.00	16.84	12/19/2023, 8
1-HR	1ST	104.99676	ug/m^3	S_302	980429.92	3742044.77	17.14	0.00	17.14	12/21/2021, 8
1-HR	1ST	117.00890	ug/m^3	S_303	980429.92	3742064.77	17.46	0.00	17.46	12/21/2021, 8
1-HR	1ST	127.74781	ug/m^3	S_304	980429.92	3742084.77	17.66	0.00	17.66	12/21/2021, 8
1-HR	1ST	136.13196	ug/m^3	S_305	980429.92	3742104.77	17.75	0.00	17.75	12/21/2021, 8
1-HR	1ST	98.18266	ug/m^3	S_306	980449.92	3742004.77	16.68	0.00	16.68	12/19/2023, 8
1-HR	1ST	94.27064	ug/m^3	S_307	980449.92	3742024.77	16.90	0.00	16.90	12/19/2023, 8
1-HR	1ST	101.15955	ug/m^3	S_308	980449.92	3742044.77	17.15	0.00	17.15	12/21/2021, 8
1-HR	1ST	111.07791	ug/m^3	S_309	980449.92	3742064.77	17.44	0.00	17.44	12/21/2021, 8
1-HR	1ST	119.35070	ug/m^3	S_310	980449.92	3742084.77	17.53	0.00	17.53	12/21/2021, 8

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Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	87.98139	ug/m^3	S_311	980469.92	3742024.77	16.97	0.00	16.97	12/21/2021, 8
1-HR	1ST	97.03648	ug/m^3	S_312	980469.92	3742044.77	17.17	0.00	17.17	12/21/2021, 8
1-HR	1ST	105.08034	ug/m^3	S_313	980469.92	3742064.77	17.36	0.00	17.36	12/21/2021, 8
1-HR	1ST	111.38980	ug/m^3	S_314	980469.92	3742084.77	17.43	0.00	17.43	12/21/2021, 8
1-HR	1ST	92.78065	ug/m^3	S_315	980489.92	3742044.77	17.16	0.00	17.16	12/21/2021, 8
1-HR	1ST	99.21498	ug/m^3	S_316	980489.92	3742064.77	17.28	0.00	17.28	12/21/2021, 8
1-HR	1ST	172.54873	ug/m^3	W_001	980404.60	3742206.17	18.79	0.00	18.79	12/11/2023, 8
1-HR	1ST	191.12683	ug/m^3	W_002	980395.70	3742240.27	18.75	0.00	18.75	12/16/2019, 8
1-HR	1ST	91.71803	ug/m^3	W_003	980504.67	3742161.69	18.52	0.00	18.52	12/14/2023, 8
1-HR	1ST	141.03592	ug/m^3	W_004	980443.89	3742297.35	19.09	0.00	19.09	12/16/2019, 8
1-HR	1ST	92.72032	ug/m^3	W_005	980480.95	3742379.63	18.99	0.00	18.99	12/16/2019, 8
1-HR	1ST	96.16833	ug/m^3	W_006	980519.50	3742227.67	18.81	0.00	18.81	12/11/2023, 8
1-HR	1ST	86.73175	ug/m^3	W_007	980546.18	3742255.09	19.11	0.00	19.11	12/11/2023, 8
1-HR	1ST	85.54042	ug/m^3	W_008	980555.82	3742291.42	19.22	0.00	19.22	12/16/2019, 8
1-HR	1ST	80.11422	ug/m^3	W_009	980578.06	3742308.47	19.33	0.00	19.33	12/16/2019, 8
1-HR	1ST	75.15626	ug/m^3	W_010	980601.04	3742345.53	19.42	0.00	19.42	12/16/2019, 8
1-HR	1ST	68.80004	ug/m^3	W_011	980500.96	3742427.81	19.03	0.00	19.03	12/16/2019, 8
1-HR	1ST	58.94067	ug/m^3	W_012	980518.78	3742452.39	19.29	0.00	19.29	12/16/2019, 8
1-HR	1ST	68.78391	ug/m^3	W_013	980625.18	3742376.52	19.47	0.00	19.47	12/16/2019, 8
1-HR	1ST	62.52832	ug/m^3	W_014	980640.01	3742414.89	19.45	0.00	19.45	12/16/2019, 8

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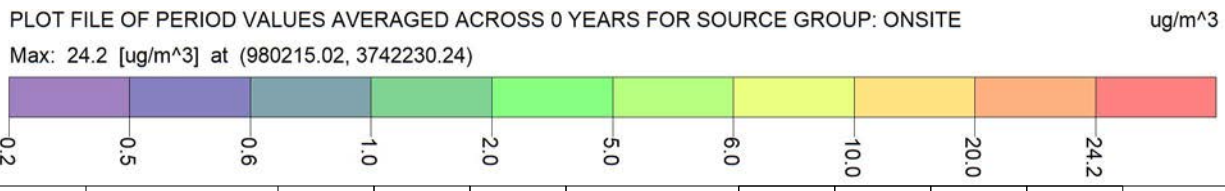
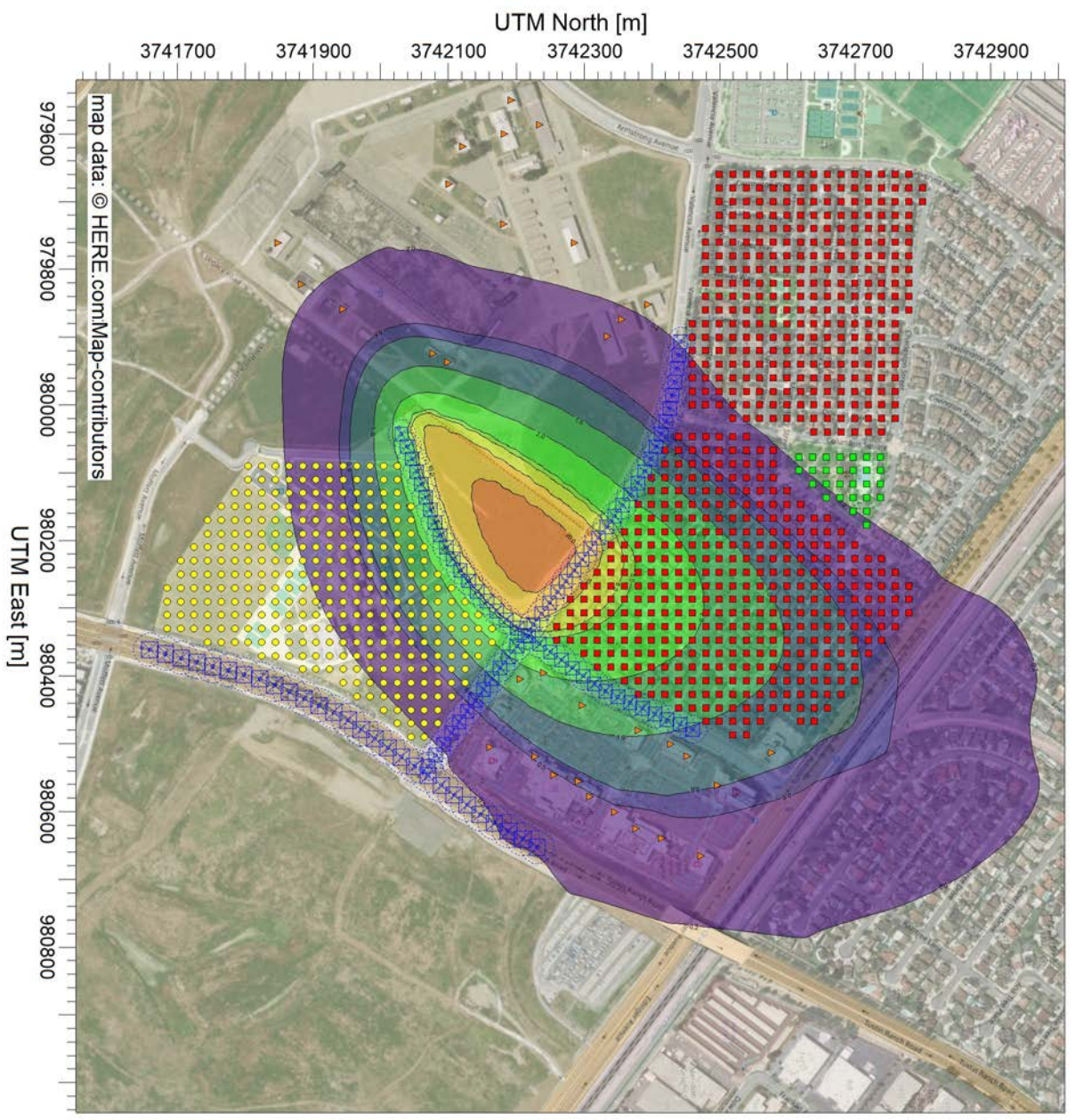
Sensitive Receptor Summary

Tustin District Office Project
Construction Health Risk Assessment

PM2.5 - Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	45.56785	ug/m^3	W_015	980561.52	3742496.87	19.93	0.00	19.93	12/16/2019, 8
1-HR	1ST	51.42195	ug/m^3	W_016	980665.30	3742472.45	19.69	0.00	19.69	12/16/2019, 8
1-HR	1ST	74.29732	ug/m^3	W_017	980513.48	3742577.06	19.19	0.00	19.19	1/11/2022, 8
1-HR	1ST	117.16629	ug/m^3	W_018	979899.40	3742334.47	19.24	0.00	19.24	1/17/2023, 8
1-HR	1ST	333.21026	ug/m^3	W_019	979936.77	3742099.68	17.99	0.00	17.99	12/23/2022, 8
1-HR	1ST	77.58367	ug/m^3	W_020	979761.24	3742285.82	19.04	0.00	19.04	12/1/2020, 8
1-HR	1ST	142.98452	ug/m^3	W_021	979733.51	3742181.86	18.30	0.00	18.30	12/11/2020, 8
1-HR	1ST	332.28985	ug/m^3	W_022	979924.14	3742077.70	17.92	0.00	17.92	12/23/2022, 8
1-HR	1ST	118.21631	ug/m^3	W_023	979822.04	3741883.42	17.43	0.00	17.43	1/4/2021, 8
1-HR	1ST	146.62188	ug/m^3	W_024	979674.08	3742101.64	18.09	0.00	18.09	12/23/2022, 8
1-HR	1ST	104.32324	ug/m^3	W_025	979851.61	3742394.38	19.48	0.00	19.48	1/17/2023, 8
1-HR	1ST	108.15023	ug/m^3	W_026	979873.78	3742356.02	19.42	0.00	19.42	1/17/2023, 8
1-HR	1ST	84.04515	ug/m^3	W_027	979586.82	3742234.43	19.12	0.00	19.12	12/11/2020, 8
1-HR	1ST	109.71567	ug/m^3	W_028	979600.20	3742183.36	18.86	0.00	18.86	12/11/2020, 8
1-HR	1ST	97.62006	ug/m^3	W_029	979550.35	3742193.09	18.98	0.00	18.98	12/11/2020, 8
1-HR	1ST	124.99842	ug/m^3	W_030	979618.44	3742121.35	18.69	0.00	18.69	12/23/2022, 8
1-HR	1ST	187.35868	ug/m^3	W_031	979858.81	3741944.73	17.56	0.00	17.56	1/2/2019, 8
1-HR	1ST	95.38094	ug/m^3	W_032	979760.89	3741849.21	17.63	0.00	17.63	1/2/2019, 8

PROJECT TITLE:
Tustin District Office Project
Construction Health Risk Assessment - Onsite Source Concentrations



COMMENTS:	
SOURCES:	4
RECEPTORS:	2844
OUTPUT TYPE:	Concentration
MAX:	24.2 ug/m^3
COMPANY NAME:	
MODELER:	
DATE:	9/18/2025
SCALE:	1:9,936
	0 0.3 km
PROJECT NO.:	

ATTACHMENT C

HEALTH RISK ASSESSMENT RISK CALCULATIONS

Construction Heath Risk Assessment HARP Inputs

Project Construction

Input Parameter	Receptor Type			
	Resident	Park Visitor	Middle Student	Worker
Analysis Type	Cancer Risk	Cancer Risk	Cancer Risk	Cancer Risk
Receptor Type	Individual Resident	Individual Resident	Individual Resident	Worker
Exposure Duration	2 Years	2 Years	2 Years	2 Years
Start Age	3rd Trimester	3rd Trimester	Age 11	Age 16
Intake Rate Percentile	OEHHA Derived Method	OEHHA Derived Method	OEHHA Derived Method	OEHHA Derived Method
Pathways to Evaluate	Mandatory	Mandatory	Mandatory	Worker Pathways
Inhalation Pathway				
Fraction of Time at Home	Applied	Applied	Not Applied	Not Applied
Adjustments for Worker and/or 8-Hour Chronic R	Not Applied	Applied; Exposure Frequency 180	Applied; Exposure Frequency 180	Applied; Exposure Frequency 250
Advanced Option (Tier 2)	Applied	NA	NA	NA
Soil Pathway				
Advanced Option (Tier 2)	Applied	Applied	Applied	Applied
Dermal Pathway				
Advanced Option (Tier 2)	Applied; Mixed Climate	Applied; Mixed Climate	Applied; Mixed Climate	Applied; Mixed Climate
Mother's Milk Pathway				
Advanced Option (Tier 2)	Applied	Applied	Applied	NA

Construction Risk Summary - Maximum Impacted Receptors

UTM: X	UTM: Y	Receptor ID	Maximum Concentration (ug/m3)	Hazard Index	Risk per Million
980287.3212	3742278.937	RES_484	1.90E-02	0.00	5.54
980137.176	3742656.828	P_021	4.73E-04	0.00	0.08
980329.9238	3742164.774	S_235	4.92E-03	0.00	0.12
980395.7	3742240.27	W_002	3.64E-03	0.00	0.02

Construction Risk Summary - All Receptors

UTM: X	UTM: Y	Receptor ID	Maximum Concentration (ug/m3)	Hazard Index	Unmitigated Construction			
					Risk per Million	Middle School Student Receptors	Park Receptors	Residential Receptors
979660.2989	3742498.808	RES_001	1.61E-04	0.00	0.05			4.68E-08
979660.2989	3742518.808	RES_002	1.57E-04	0.00	0.05			4.56E-08
979660.2989	3742538.808	RES_003	1.52E-04	0.00	0.04			4.43E-08
979660.2989	3742558.808	RES_004	1.48E-04	0.00	0.04			4.29E-08
979660.2989	3742578.808	RES_005	1.42E-04	0.00	0.04			4.14E-08
979660.2989	3742598.808	RES_006	1.37E-04	0.00	0.04			3.98E-08
979660.2989	3742618.808	RES_007	1.31E-04	0.00	0.04			3.82E-08
979660.2989	3742638.808	RES_008	1.25E-04	0.00	0.04			3.65E-08
979660.2989	3742658.808	RES_009	1.20E-04	0.00	0.03			3.48E-08
979660.2989	3742678.808	RES_010	1.14E-04	0.00	0.03			3.32E-08
979660.2989	3742698.808	RES_011	1.09E-04	0.00	0.03			3.16E-08
979660.2989	3742718.808	RES_012	1.03E-04	0.00	0.03			3.00E-08
979660.2989	3742738.808	RES_013	9.81E-05	0.00	0.03			2.85E-08
979660.2989	3742758.808	RES_014	9.33E-05	0.00	0.03			2.71E-08
979660.2989	3742778.808	RES_015	8.89E-05	0.00	0.03			2.58E-08
979680.2989	3742498.808	RES_016	1.71E-04	0.00	0.05			4.97E-08
979680.2989	3742518.808	RES_017	1.66E-04	0.00	0.05			4.83E-08
979680.2989	3742538.808	RES_018	1.61E-04	0.00	0.05			4.67E-08
979680.2989	3742558.808	RES_019	1.55E-04	0.00	0.05			4.50E-08
979680.2989	3742578.808	RES_020	1.49E-04	0.00	0.04			4.33E-08
979680.2989	3742598.808	RES_021	1.43E-04	0.00	0.04			4.15E-08
979680.2989	3742618.808	RES_022	1.36E-04	0.00	0.04			3.96E-08
979680.2989	3742638.808	RES_023	1.30E-04	0.00	0.04			3.78E-08
979680.2989	3742658.808	RES_024	1.23E-04	0.00	0.04			3.59E-08
979680.2989	3742678.808	RES_025	1.17E-04	0.00	0.03			3.41E-08
979680.2989	3742698.808	RES_026	1.12E-04	0.00	0.03			3.24E-08
979680.2989	3742718.808	RES_027	1.06E-04	0.00	0.03			3.08E-08
979680.2989	3742738.808	RES_028	1.00E-04	0.00	0.03			2.92E-08
979680.2989	3742758.808	RES_029	9.53E-05	0.00	0.03			2.77E-08
979680.2989	3742778.808	RES_030	9.08E-05	0.00	0.03			2.64E-08
979680.2989	3742798.808	RES_031	8.66E-05	0.00	0.03			2.52E-08
979700.2989	3742498.808	RES_032	1.81E-04	0.00	0.05			5.28E-08
979700.2989	3742518.808	RES_033	1.75E-04	0.00	0.05			5.10E-08
979700.2989	3742538.808	RES_034	1.69E-04	0.00	0.05			4.92E-08
979700.2989	3742558.808	RES_035	1.62E-04	0.00	0.05			4.72E-08
979700.2989	3742578.808	RES_036	1.55E-04	0.00	0.05			4.52E-08
979700.2989	3742598.808	RES_037	1.48E-04	0.00	0.04			4.32E-08
979700.2989	3742618.808	RES_038	1.41E-04	0.00	0.04			4.11E-08
979700.2989	3742638.808	RES_039	1.34E-04	0.00	0.04			3.90E-08
979700.2989	3742658.808	RES_040	1.27E-04	0.00	0.04			3.70E-08
979700.2989	3742678.808	RES_041	1.21E-04	0.00	0.04			3.51E-08
979700.2989	3742698.808	RES_042	1.14E-04	0.00	0.03			3.33E-08
979700.2989	3742718.808	RES_043	1.08E-04	0.00	0.03			3.15E-08
979700.2989	3742738.808	RES_044	1.03E-04	0.00	0.03			2.98E-08
979700.2989	3742758.808	RES_045	9.76E-05	0.00	0.03			2.84E-08
979700.2989	3742778.808	RES_046	9.29E-05	0.00	0.03			2.70E-08
979700.2989	3742798.808	RES_047	8.85E-05	0.00	0.03			2.57E-08
979720.2989	3742498.808	RES_048	1.93E-04	0.00	0.06			5.60E-08
979720.2989	3742518.808	RES_049	1.85E-04	0.00	0.05			5.39E-08
979720.2989	3742538.808	RES_050	1.78E-04	0.00	0.05			5.18E-08
979720.2989	3742558.808	RES_051	1.70E-04	0.00	0.05			4.95E-08
979720.2989	3742578.808	RES_052	1.62E-04	0.00	0.05			4.72E-08
979720.2989	3742598.808	RES_053	1.54E-04	0.00	0.04			4.49E-08
979720.2989	3742618.808	RES_054	1.47E-04	0.00	0.04			4.26E-08
979720.2989	3742638.808	RES_055	1.39E-04	0.00	0.04			4.03E-08
979720.2989	3742658.808	RES_056	1.31E-04	0.00	0.04			3.82E-08
979720.2989	3742678.808	RES_057	1.24E-04	0.00	0.04			3.61E-08
979720.2989	3742698.808	RES_058	1.18E-04	0.00	0.03			3.42E-08
979720.2989	3742718.808	RES_059	1.11E-04	0.00	0.03			3.23E-08
979720.2989	3742738.808	RES_060	1.05E-04	0.00	0.03			3.06E-08

979720.2989	3742758.808	RES_061	9.99E-05	0.00	0.03	2.91E-08
979720.2989	3742778.808	RES_062	9.51E-05	0.00	0.03	2.76E-08
979740.2989	3742478.808	RES_063	2.13E-04	0.00	0.06	6.18E-08
979740.2989	3742498.808	RES_064	2.05E-04	0.00	0.06	5.95E-08
979740.2989	3742518.808	RES_065	1.96E-04	0.00	0.06	5.70E-08
979740.2989	3742538.808	RES_066	1.87E-04	0.00	0.05	5.45E-08
979740.2989	3742558.808	RES_067	1.78E-04	0.00	0.05	5.19E-08
979740.2989	3742578.808	RES_068	1.69E-04	0.00	0.05	4.93E-08
979740.2989	3742598.808	RES_069	1.61E-04	0.00	0.05	4.67E-08
979740.2989	3742618.808	RES_070	1.52E-04	0.00	0.04	4.42E-08
979740.2989	3742638.808	RES_071	1.43E-04	0.00	0.04	4.17E-08
979740.2989	3742658.808	RES_072	1.35E-04	0.00	0.04	3.93E-08
979740.2989	3742678.808	RES_073	1.28E-04	0.00	0.04	3.72E-08
979740.2989	3742698.808	RES_074	1.21E-04	0.00	0.04	3.51E-08
979740.2989	3742718.808	RES_075	1.14E-04	0.00	0.03	3.32E-08
979740.2989	3742738.808	RES_076	1.08E-04	0.00	0.03	3.14E-08
979740.2989	3742758.808	RES_077	1.02E-04	0.00	0.03	2.98E-08
979740.2989	3742778.808	RES_078	9.75E-05	0.00	0.03	2.84E-08
979760.2989	3742478.808	RES_079	2.27E-04	0.00	0.07	6.59E-08
979760.2989	3742498.808	RES_080	2.17E-04	0.00	0.06	6.32E-08
979760.2989	3742518.808	RES_081	2.07E-04	0.00	0.06	6.03E-08
979760.2989	3742538.808	RES_082	1.97E-04	0.00	0.06	5.73E-08
979760.2989	3742558.808	RES_083	1.87E-04	0.00	0.05	5.43E-08
979760.2989	3742578.808	RES_084	1.77E-04	0.00	0.05	5.14E-08
979760.2989	3742598.808	RES_085	1.67E-04	0.00	0.05	4.85E-08
979760.2989	3742618.808	RES_086	1.57E-04	0.00	0.05	4.57E-08
979760.2989	3742638.808	RES_087	1.48E-04	0.00	0.04	4.31E-08
979760.2989	3742658.808	RES_088	1.39E-04	0.00	0.04	4.06E-08
979760.2989	3742678.808	RES_089	1.32E-04	0.00	0.04	3.83E-08
979760.2989	3742698.808	RES_090	1.24E-04	0.00	0.04	3.61E-08
979760.2989	3742718.808	RES_091	1.17E-04	0.00	0.03	3.41E-08
979760.2989	3742738.808	RES_092	1.11E-04	0.00	0.03	3.22E-08
979760.2989	3742758.808	RES_093	1.05E-04	0.00	0.03	3.06E-08
979760.2989	3742778.808	RES_094	1.00E-04	0.00	0.03	2.91E-08
979780.2989	3742478.808	RES_095	2.42E-04	0.00	0.07	7.04E-08
979780.2989	3742498.808	RES_096	2.31E-04	0.00	0.07	6.71E-08
979780.2989	3742518.808	RES_097	2.19E-04	0.00	0.06	6.37E-08
979780.2989	3742538.808	RES_098	2.07E-04	0.00	0.06	6.03E-08
979780.2989	3742558.808	RES_099	1.96E-04	0.00	0.06	5.69E-08
979780.2989	3742578.808	RES_100	1.85E-04	0.00	0.05	5.37E-08
979780.2989	3742598.808	RES_101	1.74E-04	0.00	0.05	5.05E-08
979780.2989	3742618.808	RES_102	1.63E-04	0.00	0.05	4.74E-08
979780.2989	3742638.808	RES_103	1.53E-04	0.00	0.04	4.45E-08
979780.2989	3742658.808	RES_104	1.44E-04	0.00	0.04	4.19E-08
979780.2989	3742678.808	RES_105	1.36E-04	0.00	0.04	3.94E-08
979780.2989	3742698.808	RES_106	1.28E-04	0.00	0.04	3.72E-08
979780.2989	3742718.808	RES_107	1.21E-04	0.00	0.04	3.51E-08
979780.2989	3742738.808	RES_108	1.14E-04	0.00	0.03	3.32E-08
979780.2989	3742758.808	RES_109	1.08E-04	0.00	0.03	3.15E-08
979780.2989	3742778.808	RES_110	1.03E-04	0.00	0.03	3.00E-08
979800.2989	3742478.808	RES_111	2.58E-04	0.00	0.08	7.51E-08
979800.2989	3742498.808	RES_112	2.45E-04	0.00	0.07	7.12E-08
979800.2989	3742518.808	RES_113	2.32E-04	0.00	0.07	6.73E-08
979800.2989	3742538.808	RES_114	2.18E-04	0.00	0.06	6.35E-08
979800.2989	3742558.808	RES_115	2.05E-04	0.00	0.06	5.96E-08
979800.2989	3742578.808	RES_116	1.92E-04	0.00	0.06	5.59E-08
979800.2989	3742598.808	RES_117	1.80E-04	0.00	0.05	5.24E-08
979800.2989	3742618.808	RES_118	1.69E-04	0.00	0.05	4.91E-08
979800.2989	3742638.808	RES_119	1.58E-04	0.00	0.05	4.60E-08
979800.2989	3742658.808	RES_120	1.49E-04	0.00	0.04	4.32E-08
979800.2989	3742678.808	RES_121	1.40E-04	0.00	0.04	4.07E-08
979800.2989	3742698.808	RES_122	1.32E-04	0.00	0.04	3.83E-08
979800.2989	3742718.808	RES_123	1.24E-04	0.00	0.04	3.62E-08
979800.2989	3742738.808	RES_124	1.18E-04	0.00	0.03	3.42E-08
979800.2989	3742758.808	RES_125	1.12E-04	0.00	0.03	3.25E-08
979800.2989	3742778.808	RES_126	1.06E-04	0.00	0.03	3.09E-08
979820.2989	3742478.808	RES_127	2.75E-04	0.00	0.08	8.01E-08
979820.2989	3742498.808	RES_128	2.60E-04	0.00	0.08	7.56E-08
979820.2989	3742518.808	RES_129	2.44E-04	0.00	0.07	7.11E-08
979820.2989	3742538.808	RES_130	2.29E-04	0.00	0.07	6.67E-08
979820.2989	3742558.808	RES_131	2.15E-04	0.00	0.06	6.24E-08
979820.2989	3742578.808	RES_132	2.01E-04	0.00	0.06	5.84E-08
979820.2989	3742598.808	RES_133	1.88E-04	0.00	0.05	5.46E-08
979820.2989	3742618.808	RES_134	1.75E-04	0.00	0.05	5.10E-08
979820.2989	3742638.808	RES_135	1.64E-04	0.00	0.05	4.77E-08

979820.2989	3742658.808	RES_136	1.54E-04	0.00	0.04	4.47E-08
979820.2989	3742678.808	RES_137	1.45E-04	0.00	0.04	4.21E-08
979820.2989	3742698.808	RES_138	1.36E-04	0.00	0.04	3.97E-08
979820.2989	3742718.808	RES_139	1.29E-04	0.00	0.04	3.74E-08
979820.2989	3742738.808	RES_140	1.22E-04	0.00	0.04	3.54E-08
979820.2989	3742758.808	RES_141	1.16E-04	0.00	0.03	3.36E-08
979820.2989	3742778.808	RES_142	1.10E-04	0.00	0.03	3.20E-08
979840.2989	3742478.808	RES_143	2.94E-04	0.00	0.09	8.54E-08
979840.2989	3742498.808	RES_144	2.75E-04	0.00	0.08	8.01E-08
979840.2989	3742518.808	RES_145	2.58E-04	0.00	0.07	7.50E-08
979840.2989	3742538.808	RES_146	2.41E-04	0.00	0.07	7.00E-08
979840.2989	3742558.808	RES_147	2.25E-04	0.00	0.07	6.53E-08
979840.2989	3742578.808	RES_148	2.10E-04	0.00	0.06	6.09E-08
979840.2989	3742598.808	RES_149	1.95E-04	0.00	0.06	5.68E-08
979840.2989	3742618.808	RES_150	1.82E-04	0.00	0.05	5.30E-08
979840.2989	3742638.808	RES_151	1.70E-04	0.00	0.05	4.96E-08
979840.2989	3742658.808	RES_152	1.60E-04	0.00	0.05	4.64E-08
979840.2989	3742678.808	RES_153	1.50E-04	0.00	0.04	4.37E-08
979840.2989	3742698.808	RES_154	1.41E-04	0.00	0.04	4.11E-08
979840.2989	3742718.808	RES_155	1.33E-04	0.00	0.04	3.88E-08
979840.2989	3742738.808	RES_156	1.26E-04	0.00	0.04	3.67E-08
979840.2989	3742758.808	RES_157	1.20E-04	0.00	0.03	3.49E-08
979840.2989	3742778.808	RES_158	1.14E-04	0.00	0.03	3.32E-08
979860.2989	3742478.808	RES_159	3.13E-04	0.00	0.09	9.11E-08
979860.2989	3742498.808	RES_160	2.92E-04	0.00	0.08	8.50E-08
979860.2989	3742518.808	RES_161	2.72E-04	0.00	0.08	7.90E-08
979860.2989	3742538.808	RES_162	2.53E-04	0.00	0.07	7.35E-08
979860.2989	3742558.808	RES_163	2.35E-04	0.00	0.07	6.83E-08
979860.2989	3742578.808	RES_164	2.19E-04	0.00	0.06	6.36E-08
979860.2989	3742598.808	RES_165	2.04E-04	0.00	0.06	5.93E-08
979860.2989	3742618.808	RES_166	1.90E-04	0.00	0.06	5.53E-08
979860.2989	3742638.808	RES_167	1.78E-04	0.00	0.05	5.16E-08
979860.2989	3742658.808	RES_168	1.66E-04	0.00	0.05	4.83E-08
979860.2989	3742678.808	RES_169	1.56E-04	0.00	0.05	4.54E-08
979860.2989	3742698.808	RES_170	1.47E-04	0.00	0.04	4.27E-08
979860.2989	3742718.808	RES_171	1.39E-04	0.00	0.04	4.03E-08
979860.2989	3742738.808	RES_172	1.31E-04	0.00	0.04	3.82E-08
979860.2989	3742758.808	RES_173	1.25E-04	0.00	0.04	3.62E-08
979860.2989	3742778.808	RES_174	1.19E-04	0.00	0.03	3.45E-08
979880.2989	3742458.808	RES_175	3.60E-04	0.00	0.10	1.05E-07
979880.2989	3742478.808	RES_176	3.35E-04	0.00	0.10	9.73E-08
979880.2989	3742498.808	RES_177	3.10E-04	0.00	0.09	9.02E-08
979880.2989	3742518.808	RES_178	2.87E-04	0.00	0.08	8.35E-08
979880.2989	3742538.808	RES_179	2.66E-04	0.00	0.08	7.72E-08
979880.2989	3742558.808	RES_180	2.46E-04	0.00	0.07	7.16E-08
979880.2989	3742578.808	RES_181	2.29E-04	0.00	0.07	6.65E-08
979880.2989	3742598.808	RES_182	2.13E-04	0.00	0.06	6.19E-08
979880.2989	3742618.808	RES_183	1.98E-04	0.00	0.06	5.75E-08
979880.2989	3742638.808	RES_184	1.85E-04	0.00	0.05	5.37E-08
979880.2989	3742658.808	RES_185	1.73E-04	0.00	0.05	5.02E-08
979880.2989	3742678.808	RES_186	1.62E-04	0.00	0.05	4.72E-08
979880.2989	3742698.808	RES_187	1.53E-04	0.00	0.04	4.44E-08
979880.2989	3742718.808	RES_188	1.44E-04	0.00	0.04	4.19E-08
979880.2989	3742738.808	RES_189	1.37E-04	0.00	0.04	3.97E-08
979880.2989	3742758.808	RES_190	1.30E-04	0.00	0.04	3.77E-08
979900.2989	3742458.808	RES_191	3.87E-04	0.00	0.11	1.13E-07
979900.2989	3742478.808	RES_192	3.58E-04	0.00	0.10	1.04E-07
979900.2989	3742498.808	RES_193	3.30E-04	0.00	0.10	9.60E-08
979900.2989	3742518.808	RES_194	3.04E-04	0.00	0.09	8.83E-08
979900.2989	3742538.808	RES_195	2.80E-04	0.00	0.08	8.14E-08
979900.2989	3742558.808	RES_196	2.58E-04	0.00	0.08	7.51E-08
979900.2989	3742578.808	RES_197	2.39E-04	0.00	0.07	6.96E-08
979900.2989	3742598.808	RES_198	2.22E-04	0.00	0.06	6.47E-08
979900.2989	3742618.808	RES_199	2.06E-04	0.00	0.06	6.00E-08
979900.2989	3742638.808	RES_200	1.92E-04	0.00	0.06	5.60E-08
979900.2989	3742658.808	RES_201	1.80E-04	0.00	0.05	5.24E-08
979900.2989	3742678.808	RES_202	1.69E-04	0.00	0.05	4.92E-08
979900.2989	3742698.808	RES_203	1.59E-04	0.00	0.05	4.63E-08
979900.2989	3742718.808	RES_204	1.50E-04	0.00	0.04	4.37E-08
979900.2989	3742738.808	RES_205	1.42E-04	0.00	0.04	4.14E-08
979900.2989	3742758.808	RES_206	1.35E-04	0.00	0.04	3.93E-08
979920.2989	3742458.808	RES_207	4.18E-04	0.00	0.12	1.22E-07
979920.2989	3742478.808	RES_208	3.84E-04	0.00	0.11	1.12E-07
979920.2989	3742498.808	RES_209	3.52E-04	0.00	0.10	1.02E-07
979920.2989	3742518.808	RES_210	3.22E-04	0.00	0.09	9.37E-08

979920.2989	3742538.808	RES_211	2.96E-04	0.00	0.09	8.59E-08
979920.2989	3742558.808	RES_212	2.72E-04	0.00	0.08	7.91E-08
979920.2989	3742578.808	RES_213	2.51E-04	0.00	0.07	7.31E-08
979920.2989	3742598.808	RES_214	2.33E-04	0.00	0.07	6.78E-08
979920.2989	3742618.808	RES_215	2.16E-04	0.00	0.06	6.29E-08
979920.2989	3742638.808	RES_216	2.02E-04	0.00	0.06	5.86E-08
979920.2989	3742658.808	RES_217	1.89E-04	0.00	0.05	5.48E-08
979920.2989	3742678.808	RES_218	1.77E-04	0.00	0.05	5.15E-08
979920.2989	3742698.808	RES_219	1.67E-04	0.00	0.05	4.85E-08
979920.2989	3742718.808	RES_220	1.57E-04	0.00	0.05	4.57E-08
979920.2989	3742738.808	RES_221	1.49E-04	0.00	0.04	4.33E-08
979920.2989	3742758.808	RES_222	1.41E-04	0.00	0.04	4.11E-08
979940.2989	3742458.808	RES_223	4.52E-04	0.00	0.13	1.31E-07
979940.2989	3742478.808	RES_224	4.12E-04	0.00	0.12	1.20E-07
979940.2989	3742498.808	RES_225	3.75E-04	0.00	0.11	1.09E-07
979940.2989	3742518.808	RES_226	3.42E-04	0.00	0.10	9.94E-08
979940.2989	3742538.808	RES_227	3.13E-04	0.00	0.09	9.09E-08
979940.2989	3742558.808	RES_228	2.87E-04	0.00	0.08	8.36E-08
979940.2989	3742578.808	RES_229	2.65E-04	0.00	0.08	7.71E-08
979940.2989	3742598.808	RES_230	2.46E-04	0.00	0.07	7.15E-08
979940.2989	3742618.808	RES_231	2.28E-04	0.00	0.07	6.62E-08
979940.2989	3742638.808	RES_232	2.12E-04	0.00	0.06	6.17E-08
979940.2989	3742658.808	RES_233	1.98E-04	0.00	0.06	5.77E-08
979940.2989	3742678.808	RES_234	1.86E-04	0.00	0.05	5.42E-08
979940.2989	3742698.808	RES_235	1.75E-04	0.00	0.05	5.09E-08
979940.2989	3742718.808	RES_236	1.65E-04	0.00	0.05	4.80E-08
979940.2989	3742738.808	RES_237	1.56E-04	0.00	0.05	4.55E-08
979940.2989	3742758.808	RES_238	1.48E-04	0.00	0.04	4.31E-08
979960.2989	3742458.808	RES_239	4.89E-04	0.00	0.14	1.42E-07
979960.2989	3742478.808	RES_240	4.43E-04	0.00	0.13	1.29E-07
979960.2989	3742498.808	RES_241	4.01E-04	0.00	0.12	1.17E-07
979960.2989	3742518.808	RES_242	3.65E-04	0.00	0.11	1.06E-07
979960.2989	3742538.808	RES_243	3.32E-04	0.00	0.10	9.67E-08
979960.2989	3742558.808	RES_244	3.05E-04	0.00	0.09	8.88E-08
979960.2989	3742578.808	RES_245	2.82E-04	0.00	0.08	8.19E-08
979960.2989	3742598.808	RES_246	2.61E-04	0.00	0.08	7.58E-08
979960.2989	3742618.808	RES_247	2.41E-04	0.00	0.07	7.02E-08
979960.2989	3742638.808	RES_248	2.25E-04	0.00	0.07	6.53E-08
979960.2989	3742658.808	RES_249	2.10E-04	0.00	0.06	6.11E-08
979960.2989	3742678.808	RES_250	1.97E-04	0.00	0.06	5.73E-08
979960.2989	3742698.808	RES_251	1.85E-04	0.00	0.05	5.38E-08
979960.2989	3742718.808	RES_252	1.74E-04	0.00	0.05	5.06E-08
979960.2989	3742738.808	RES_253	1.65E-04	0.00	0.05	4.79E-08
979960.2989	3742758.808	RES_254	1.56E-04	0.00	0.05	4.54E-08
979980.2989	3742458.808	RES_255	5.31E-04	0.00	0.15	1.55E-07
979980.2989	3742478.808	RES_256	4.79E-04	0.00	0.14	1.39E-07
979980.2989	3742498.808	RES_257	4.32E-04	0.00	0.13	1.26E-07
979980.2989	3742518.808	RES_258	3.92E-04	0.00	0.11	1.14E-07
979980.2989	3742538.808	RES_259	3.57E-04	0.00	0.10	1.04E-07
979980.2989	3742558.808	RES_260	3.27E-04	0.00	0.10	9.51E-08
979980.2989	3742578.808	RES_261	3.01E-04	0.00	0.09	8.76E-08
979980.2989	3742598.808	RES_262	2.79E-04	0.00	0.08	8.11E-08
979980.2989	3742618.808	RES_263	2.58E-04	0.00	0.07	7.50E-08
979980.2989	3742638.808	RES_264	2.40E-04	0.00	0.07	6.97E-08
979980.2989	3742658.808	RES_265	2.24E-04	0.00	0.07	6.51E-08
979980.2989	3742678.808	RES_266	2.09E-04	0.00	0.06	6.09E-08
979980.2989	3742698.808	RES_267	1.96E-04	0.00	0.06	5.71E-08
979980.2989	3742718.808	RES_268	1.85E-04	0.00	0.05	5.37E-08
979980.2989	3742738.808	RES_269	1.75E-04	0.00	0.05	5.08E-08
979980.2989	3742758.808	RES_270	1.65E-04	0.00	0.05	4.81E-08
980000.2989	3742458.808	RES_271	5.83E-04	0.00	0.17	1.70E-07
980000.2989	3742478.808	RES_272	5.23E-04	0.00	0.15	1.52E-07
980000.2989	3742498.808	RES_273	4.70E-04	0.00	0.14	1.37E-07
980000.2989	3742518.808	RES_274	4.25E-04	0.00	0.12	1.24E-07
980000.2989	3742538.808	RES_275	3.86E-04	0.00	0.11	1.12E-07
980000.2989	3742558.808	RES_276	3.54E-04	0.00	0.10	1.03E-07
980000.2989	3742578.808	RES_277	3.25E-04	0.00	0.09	9.46E-08
980000.2989	3742598.808	RES_278	3.01E-04	0.00	0.09	8.74E-08
980000.2989	3742618.808	RES_279	2.78E-04	0.00	0.08	8.07E-08
980000.2989	3742638.808	RES_280	2.58E-04	0.00	0.07	7.49E-08
980000.2989	3742658.808	RES_281	2.41E-04	0.00	0.07	7.00E-08
980000.2989	3742678.808	RES_282	2.25E-04	0.00	0.07	6.53E-08
980000.2989	3742698.808	RES_283	2.10E-04	0.00	0.06	6.11E-08
980000.2989	3742718.808	RES_284	1.97E-04	0.00	0.06	5.73E-08
980000.2989	3742738.808	RES_285	1.86E-04	0.00	0.05	5.40E-08

980000.2989	3742758.808	RES_286	1.75E-04	0.00	0.05	5.10E-08
980020.2989	3742518.808	RES_287	4.68E-04	0.00	0.14	1.36E-07
980020.2989	3742538.808	RES_288	4.24E-04	0.00	0.12	1.23E-07
980020.2989	3742558.808	RES_289	3.87E-04	0.00	0.11	1.13E-07
980020.2989	3742578.808	RES_290	3.55E-04	0.00	0.10	1.03E-07
980020.2989	3742598.808	RES_291	3.27E-04	0.00	0.10	9.51E-08
980020.2989	3742618.808	RES_292	3.01E-04	0.00	0.09	8.77E-08
980020.2989	3742638.808	RES_293	2.79E-04	0.00	0.08	8.12E-08
980020.2989	3742658.808	RES_294	2.60E-04	0.00	0.08	7.56E-08
980020.2989	3742678.808	RES_295	2.42E-04	0.00	0.07	7.04E-08
980020.2989	3742698.808	RES_296	2.26E-04	0.00	0.07	6.56E-08
980020.2989	3742718.808	RES_297	2.11E-04	0.00	0.06	6.14E-08
980020.2989	3742738.808	RES_298	1.98E-04	0.00	0.06	5.77E-08
980020.2989	3742758.808	RES_299	1.87E-04	0.00	0.05	5.43E-08
980040.2989	3742638.808	RES_300	3.05E-04	0.00	0.09	8.87E-08
980040.2989	3742658.808	RES_301	2.83E-04	0.00	0.08	8.23E-08
980040.2989	3742678.808	RES_302	2.62E-04	0.00	0.08	7.63E-08
980040.2989	3742698.808	RES_303	2.44E-04	0.00	0.07	7.09E-08
980040.2989	3742718.808	RES_304	2.28E-04	0.00	0.07	6.62E-08
980040.2989	3742738.808	RES_305	2.13E-04	0.00	0.06	6.20E-08
980047.3212	3742438.937	RES_306	8.77E-04	0.00	0.25	2.55E-07
980047.3212	3742458.937	RES_307	7.73E-04	0.00	0.22	2.25E-07
980047.3212	3742478.937	RES_308	6.85E-04	0.00	0.20	1.99E-07
980047.3212	3742498.937	RES_309	6.11E-04	0.00	0.18	1.78E-07
980047.3212	3742518.937	RES_310	5.47E-04	0.00	0.16	1.59E-07
980047.3212	3742538.937	RES_311	4.94E-04	0.00	0.14	1.44E-07
980067.3212	3742418.937	RES_312	1.18E-03	0.00	0.34	3.42E-07
980067.3212	3742438.937	RES_313	1.02E-03	0.00	0.30	2.97E-07
980067.3212	3742458.937	RES_314	8.94E-04	0.00	0.26	2.60E-07
980067.3212	3742478.937	RES_315	7.89E-04	0.00	0.23	2.29E-07
980067.3212	3742498.937	RES_316	6.99E-04	0.00	0.20	2.03E-07
980067.3212	3742518.937	RES_317	6.23E-04	0.00	0.18	1.81E-07
980067.3212	3742538.937	RES_318	5.59E-04	0.00	0.16	1.63E-07
980067.3212	3742558.937	RES_319	5.05E-04	0.00	0.15	1.47E-07
980067.3212	3742578.937	RES_320	4.58E-04	0.00	0.13	1.33E-07
980087.3212	3742418.937	RES_321	1.42E-03	0.00	0.41	4.14E-07
980087.3212	3742438.937	RES_322	1.22E-03	0.00	0.35	3.54E-07
980087.3212	3742458.937	RES_323	1.05E-03	0.00	0.31	3.06E-07
980087.3212	3742478.937	RES_324	9.22E-04	0.00	0.27	2.68E-07
980087.3212	3742498.937	RES_325	8.11E-04	0.00	0.24	2.36E-07
980087.3212	3742518.937	RES_326	7.18E-04	0.00	0.21	2.09E-07
980087.3212	3742538.937	RES_327	6.41E-04	0.00	0.19	1.86E-07
980087.3212	3742558.937	RES_328	5.75E-04	0.00	0.17	1.67E-07
980087.3212	3742578.937	RES_329	5.18E-04	0.00	0.15	1.50E-07
980107.3212	3742398.937	RES_330	2.09E-03	0.00	0.61	6.08E-07
980107.3212	3742418.937	RES_331	1.75E-03	0.00	0.51	5.10E-07
980107.3212	3742438.937	RES_332	1.48E-03	0.00	0.43	4.30E-07
980107.3212	3742458.937	RES_333	1.26E-03	0.00	0.37	3.68E-07
980107.3212	3742478.937	RES_334	1.09E-03	0.00	0.32	3.18E-07
980107.3212	3742498.937	RES_335	9.51E-04	0.00	0.28	2.77E-07
980107.3212	3742518.937	RES_336	8.35E-04	0.00	0.24	2.43E-07
980107.3212	3742538.937	RES_337	7.38E-04	0.00	0.21	2.15E-07
980107.3212	3742558.937	RES_338	6.57E-04	0.00	0.19	1.91E-07
980107.3212	3742578.937	RES_339	5.88E-04	0.00	0.17	1.71E-07
980127.3212	3742398.937	RES_340	2.52E-03	0.00	0.73	7.32E-07
980127.3212	3742418.937	RES_341	2.16E-03	0.00	0.63	6.28E-07
980127.3212	3742438.937	RES_342	1.83E-03	0.00	0.53	5.32E-07
980127.3212	3742458.937	RES_343	1.54E-03	0.00	0.45	4.47E-07
980127.3212	3742478.937	RES_344	1.30E-03	0.00	0.38	3.79E-07
980127.3212	3742498.937	RES_345	1.12E-03	0.00	0.33	3.26E-07
980127.3212	3742518.937	RES_346	9.75E-04	0.00	0.28	2.84E-07
980127.3212	3742538.937	RES_347	8.55E-04	0.00	0.25	2.49E-07
980127.3212	3742558.937	RES_348	7.56E-04	0.00	0.22	2.20E-07
980127.3212	3742578.937	RES_349	6.72E-04	0.00	0.20	1.96E-07
980127.3212	3742598.937	RES_350	6.02E-04	0.00	0.18	1.75E-07
980147.3212	3742378.937	RES_351	3.67E-03	0.00	1.07	1.07E-06
980147.3212	3742398.937	RES_352	3.07E-03	0.00	0.89	8.91E-07
980147.3212	3742418.937	RES_353	2.64E-03	0.00	0.77	7.67E-07
980147.3212	3742438.937	RES_354	2.26E-03	0.00	0.66	6.56E-07
980147.3212	3742458.937	RES_355	1.86E-03	0.00	0.54	5.42E-07
980147.3212	3742478.937	RES_356	1.56E-03	0.00	0.45	4.54E-07
980147.3212	3742498.937	RES_357	1.33E-03	0.00	0.39	3.86E-07
980147.3212	3742518.937	RES_358	1.14E-03	0.00	0.33	3.32E-07
980147.3212	3742538.937	RES_359	9.95E-04	0.00	0.29	2.89E-07
980147.3212	3742558.937	RES_360	8.73E-04	0.00	0.25	2.54E-07

980147.3212	3742578.937	RES_361	7.72E-04	0.00	0.22	2.25E-07
980147.3212	3742598.937	RES_362	6.88E-04	0.00	0.20	2.00E-07
980147.3212	3742618.937	RES_363	6.15E-04	0.00	0.18	1.79E-07
980167.3212	3742378.937	RES_364	4.75E-03	0.00	1.38	1.38E-06
980167.3212	3742398.937	RES_365	3.92E-03	0.00	1.14	1.14E-06
980167.3212	3742418.937	RES_366	3.27E-03	0.00	0.95	9.52E-07
980167.3212	3742438.937	RES_367	2.73E-03	0.00	0.79	7.94E-07
980167.3212	3742458.937	RES_368	2.24E-03	0.00	0.65	6.51E-07
980167.3212	3742478.937	RES_369	1.86E-03	0.00	0.54	5.40E-07
980167.3212	3742498.937	RES_370	1.57E-03	0.00	0.46	4.56E-07
980167.3212	3742518.937	RES_371	1.34E-03	0.00	0.39	3.91E-07
980167.3212	3742538.937	RES_372	1.16E-03	0.00	0.34	3.38E-07
980167.3212	3742558.937	RES_373	1.02E-03	0.00	0.30	2.95E-07
980167.3212	3742578.937	RES_374	8.95E-04	0.00	0.26	2.60E-07
980167.3212	3742598.937	RES_375	7.93E-04	0.00	0.23	2.30E-07
980167.3212	3742618.937	RES_376	7.05E-04	0.00	0.21	2.05E-07
980167.3212	3742638.937	RES_377	6.31E-04	0.00	0.18	1.83E-07
980167.3212	3742658.937	RES_378	5.67E-04	0.00	0.16	1.65E-07
980187.3212	3742358.937	RES_379	7.94E-03	0.00	2.31	2.31E-06
980187.3212	3742378.937	RES_380	6.29E-03	0.00	1.83	1.83E-06
980187.3212	3742398.937	RES_381	5.08E-03	0.00	1.48	1.48E-06
980187.3212	3742418.937	RES_382	4.08E-03	0.00	1.19	1.19E-06
980187.3212	3742438.937	RES_383	3.28E-03	0.00	0.96	9.55E-07
980187.3212	3742458.937	RES_384	2.67E-03	0.00	0.78	7.76E-07
980187.3212	3742478.937	RES_385	2.21E-03	0.00	0.64	6.41E-07
980187.3212	3742498.937	RES_386	1.86E-03	0.00	0.54	5.40E-07
980187.3212	3742518.937	RES_387	1.58E-03	0.00	0.46	4.60E-07
980187.3212	3742538.937	RES_388	1.36E-03	0.00	0.40	3.96E-07
980187.3212	3742558.937	RES_389	1.18E-03	0.00	0.34	3.44E-07
980187.3212	3742578.937	RES_390	1.03E-03	0.00	0.30	3.01E-07
980187.3212	3742598.937	RES_391	9.12E-04	0.00	0.27	2.65E-07
980187.3212	3742618.937	RES_392	8.08E-04	0.00	0.23	2.35E-07
980187.3212	3742638.937	RES_393	7.19E-04	0.00	0.21	2.09E-07
980187.3212	3742658.937	RES_394	6.45E-04	0.00	0.19	1.88E-07
980187.3212	3742678.937	RES_395	5.82E-04	0.00	0.17	1.69E-07
980207.3212	3742338.937	RES_396	1.41E-02	0.00	4.09	4.09E-06
980207.3212	3742358.937	RES_397	9.81E-03	0.00	2.85	2.85E-06
980207.3212	3742378.937	RES_398	7.80E-03	0.00	2.27	2.27E-06
980207.3212	3742398.937	RES_399	6.18E-03	0.00	1.80	1.80E-06
980207.3212	3742418.937	RES_400	4.84E-03	0.00	1.41	1.41E-06
980207.3212	3742438.937	RES_401	3.85E-03	0.00	1.12	1.12E-06
980207.3212	3742458.937	RES_402	3.13E-03	0.00	0.91	9.09E-07
980207.3212	3742478.937	RES_403	2.59E-03	0.00	0.75	7.52E-07
980207.3212	3742498.937	RES_404	2.17E-03	0.00	0.63	6.32E-07
980207.3212	3742518.937	RES_405	1.85E-03	0.00	0.54	5.37E-07
980207.3212	3742538.937	RES_406	1.59E-03	0.00	0.46	4.61E-07
980207.3212	3742558.937	RES_407	1.37E-03	0.00	0.40	3.99E-07
980207.3212	3742578.937	RES_408	1.19E-03	0.00	0.35	3.47E-07
980207.3212	3742598.937	RES_409	1.05E-03	0.00	0.30	3.04E-07
980207.3212	3742618.937	RES_410	9.23E-04	0.00	0.27	2.68E-07
980207.3212	3742638.937	RES_411	8.20E-04	0.00	0.24	2.38E-07
980207.3212	3742658.937	RES_412	7.34E-04	0.00	0.21	2.13E-07
980207.3212	3742678.937	RES_413	6.61E-04	0.00	0.19	1.92E-07
980207.3212	3742698.937	RES_414	5.97E-04	0.00	0.17	1.73E-07
980227.3212	3742338.937	RES_415	1.42E-02	0.00	4.13	4.13E-06
980227.3212	3742358.937	RES_416	1.06E-02	0.00	3.10	3.10E-06
980227.3212	3742378.937	RES_417	8.58E-03	0.00	2.50	2.50E-06
980227.3212	3742398.937	RES_418	6.73E-03	0.00	1.96	1.96E-06
980227.3212	3742418.937	RES_419	5.36E-03	0.00	1.56	1.56E-06
980227.3212	3742438.937	RES_420	4.33E-03	0.00	1.26	1.26E-06
980227.3212	3742458.937	RES_421	3.55E-03	0.00	1.03	1.03E-06
980227.3212	3742478.937	RES_422	2.95E-03	0.00	0.86	8.59E-07
980227.3212	3742498.937	RES_423	2.49E-03	0.00	0.72	7.23E-07
980227.3212	3742518.937	RES_424	2.12E-03	0.00	0.62	6.15E-07
980227.3212	3742538.937	RES_425	1.82E-03	0.00	0.53	5.28E-07
980227.3212	3742558.937	RES_426	1.57E-03	0.00	0.46	4.56E-07
980227.3212	3742578.937	RES_427	1.36E-03	0.00	0.40	3.96E-07
980227.3212	3742598.937	RES_428	1.19E-03	0.00	0.35	3.46E-07
980227.3212	3742618.937	RES_429	1.05E-03	0.00	0.30	3.05E-07
980227.3212	3742638.937	RES_430	9.30E-04	0.00	0.27	2.71E-07
980227.3212	3742658.937	RES_431	8.32E-04	0.00	0.24	2.42E-07
980227.3212	3742678.937	RES_432	7.46E-04	0.00	0.22	2.17E-07
980227.3212	3742698.937	RES_433	6.71E-04	0.00	0.20	1.95E-07
980227.3212	3742718.937	RES_434	6.07E-04	0.00	0.18	1.76E-07
980227.3212	3742738.937	RES_435	5.51E-04	0.00	0.16	1.60E-07

980247.3212	3742318.937	RES_436	1.71E-02	0.00	4.98	4.98E-06
980247.3212	3742338.937	RES_437	1.32E-02	0.00	3.85	3.85E-06
980247.3212	3742358.937	RES_438	1.05E-02	0.00	3.07	3.07E-06
980247.3212	3742378.937	RES_439	8.50E-03	0.00	2.47	2.47E-06
980247.3212	3742398.937	RES_440	6.90E-03	0.00	2.01	2.01E-06
980247.3212	3742418.937	RES_441	5.64E-03	0.00	1.64	1.64E-06
980247.3212	3742438.937	RES_442	4.65E-03	0.00	1.35	1.35E-06
980247.3212	3742458.937	RES_443	3.87E-03	0.00	1.12	1.12E-06
980247.3212	3742478.937	RES_444	3.25E-03	0.00	0.95	9.46E-07
980247.3212	3742498.937	RES_445	2.76E-03	0.00	0.80	8.03E-07
980247.3212	3742518.937	RES_446	2.36E-03	0.00	0.69	6.87E-07
980247.3212	3742538.937	RES_447	2.03E-03	0.00	0.59	5.91E-07
980247.3212	3742558.937	RES_448	1.76E-03	0.00	0.51	5.11E-07
980247.3212	3742578.937	RES_449	1.53E-03	0.00	0.44	4.44E-07
980247.3212	3742598.937	RES_450	1.34E-03	0.00	0.39	3.89E-07
980247.3212	3742618.937	RES_451	1.18E-03	0.00	0.34	3.43E-07
980247.3212	3742638.937	RES_452	1.05E-03	0.00	0.30	3.04E-07
980247.3212	3742658.937	RES_453	9.34E-04	0.00	0.27	2.72E-07
980247.3212	3742678.937	RES_454	8.36E-04	0.00	0.24	2.43E-07
980247.3212	3742698.937	RES_455	7.51E-04	0.00	0.22	2.18E-07
980247.3212	3742718.937	RES_456	6.78E-04	0.00	0.20	1.97E-07
980247.3212	3742738.937	RES_457	6.14E-04	0.00	0.18	1.79E-07
980247.3212	3742758.937	RES_458	5.58E-04	0.00	0.16	1.62E-07
980267.3212	3742298.937	RES_459	1.88E-02	0.00	5.47	5.47E-06
980267.3212	3742318.937	RES_460	1.49E-02	0.00	4.34	4.34E-06
980267.3212	3742338.937	RES_461	1.20E-02	0.00	3.49	3.49E-06
980267.3212	3742358.937	RES_462	9.81E-03	0.00	2.85	2.85E-06
980267.3212	3742378.937	RES_463	8.13E-03	0.00	2.36	2.36E-06
980267.3212	3742398.937	RES_464	6.79E-03	0.00	1.97	1.97E-06
980267.3212	3742418.937	RES_465	5.69E-03	0.00	1.65	1.65E-06
980267.3212	3742438.937	RES_466	4.79E-03	0.00	1.39	1.39E-06
980267.3212	3742458.937	RES_467	4.05E-03	0.00	1.18	1.18E-06
980267.3212	3742478.937	RES_468	3.45E-03	0.00	1.00	1.00E-06
980267.3212	3742498.937	RES_469	2.96E-03	0.00	0.86	8.61E-07
980267.3212	3742518.937	RES_470	2.55E-03	0.00	0.74	7.43E-07
980267.3212	3742538.937	RES_471	2.21E-03	0.00	0.64	6.43E-07
980267.3212	3742558.937	RES_472	1.92E-03	0.00	0.56	5.60E-07
980267.3212	3742578.937	RES_473	1.68E-03	0.00	0.49	4.89E-07
980267.3212	3742598.937	RES_474	1.48E-03	0.00	0.43	4.30E-07
980267.3212	3742618.937	RES_475	1.31E-03	0.00	0.38	3.80E-07
980267.3212	3742638.937	RES_476	1.16E-03	0.00	0.34	3.38E-07
980267.3212	3742658.937	RES_477	1.04E-03	0.00	0.30	3.01E-07
980267.3212	3742678.937	RES_478	9.26E-04	0.00	0.27	2.69E-07
980267.3212	3742698.937	RES_479	8.34E-04	0.00	0.24	2.42E-07
980267.3212	3742718.937	RES_480	7.52E-04	0.00	0.22	2.19E-07
980267.3212	3742738.937	RES_481	6.80E-04	0.00	0.20	1.98E-07
980267.3212	3742758.937	RES_482	6.17E-04	0.00	0.18	1.79E-07
980267.3212	3742778.937	RES_483	5.63E-04	0.00	0.16	1.64E-07
980287.3212	3742278.937	RES_484	1.90E-02	0.00	5.54	5.54E-06
980287.3212	3742298.937	RES_485	1.56E-02	0.00	4.54	4.54E-06
980287.3212	3742318.937	RES_486	1.29E-02	0.00	3.75	3.75E-06
980287.3212	3742338.937	RES_487	1.07E-02	0.00	3.12	3.12E-06
980287.3212	3742358.937	RES_488	9.00E-03	0.00	2.62	2.62E-06
980287.3212	3742378.937	RES_489	7.61E-03	0.00	2.21	2.21E-06
980287.3212	3742398.937	RES_490	6.47E-03	0.00	1.88	1.88E-06
980287.3212	3742418.937	RES_491	5.54E-03	0.00	1.61	1.61E-06
980287.3212	3742438.937	RES_492	4.75E-03	0.00	1.38	1.38E-06
980287.3212	3742458.937	RES_493	4.10E-03	0.00	1.19	1.19E-06
980287.3212	3742478.937	RES_494	3.54E-03	0.00	1.03	1.03E-06
980287.3212	3742498.937	RES_495	3.08E-03	0.00	0.89	8.95E-07
980287.3212	3742518.937	RES_496	2.68E-03	0.00	0.78	7.79E-07
980287.3212	3742538.937	RES_497	2.34E-03	0.00	0.68	6.81E-07
980287.3212	3742558.937	RES_498	2.05E-03	0.00	0.60	5.97E-07
980287.3212	3742578.937	RES_499	1.81E-03	0.00	0.53	5.25E-07
980287.3212	3742598.937	RES_500	1.60E-03	0.00	0.47	4.65E-07
980287.3212	3742618.937	RES_501	1.42E-03	0.00	0.41	4.13E-07
980287.3212	3742638.937	RES_502	1.26E-03	0.00	0.37	3.68E-07
980287.3212	3742658.937	RES_503	1.13E-03	0.00	0.33	3.28E-07
980287.3212	3742678.937	RES_504	1.01E-03	0.00	0.29	2.94E-07
980287.3212	3742698.937	RES_505	9.12E-04	0.00	0.27	2.65E-07
980287.3212	3742718.937	RES_506	8.23E-04	0.00	0.24	2.39E-07
980287.3212	3742738.937	RES_507	7.46E-04	0.00	0.22	2.17E-07
980287.3212	3742758.937	RES_508	6.77E-04	0.00	0.20	1.97E-07
980287.3212	3742778.937	RES_509	6.18E-04	0.00	0.18	1.80E-07
980307.3212	3742278.937	RES_510	1.48E-02	0.00	4.29	4.29E-06

980307.3212	3742298.937	RES_511	1.26E-02	0.00	3.68	3.68E-06
980307.3212	3742318.937	RES_512	1.08E-02	0.00	3.15	3.15E-06
980307.3212	3742338.937	RES_513	9.32E-03	0.00	2.71	2.71E-06
980307.3212	3742358.937	RES_514	8.03E-03	0.00	2.34	2.34E-06
980307.3212	3742378.937	RES_515	6.94E-03	0.00	2.02	2.02E-06
980307.3212	3742398.937	RES_516	6.02E-03	0.00	1.75	1.75E-06
980307.3212	3742418.937	RES_517	5.24E-03	0.00	1.53	1.53E-06
980307.3212	3742438.937	RES_518	4.58E-03	0.00	1.33	1.33E-06
980307.3212	3742458.937	RES_519	4.01E-03	0.00	1.17	1.17E-06
980307.3212	3742478.937	RES_520	3.52E-03	0.00	1.02	1.02E-06
980307.3212	3742498.937	RES_521	3.10E-03	0.00	0.90	9.01E-07
980307.3212	3742518.937	RES_522	2.73E-03	0.00	0.79	7.94E-07
980307.3212	3742538.937	RES_523	2.41E-03	0.00	0.70	7.01E-07
980307.3212	3742558.937	RES_524	2.13E-03	0.00	0.62	6.20E-07
980307.3212	3742578.937	RES_525	1.89E-03	0.00	0.55	5.51E-07
980307.3212	3742598.937	RES_526	1.69E-03	0.00	0.49	4.91E-07
980307.3212	3742618.937	RES_527	1.51E-03	0.00	0.44	4.39E-07
980307.3212	3742638.937	RES_528	1.35E-03	0.00	0.39	3.92E-07
980307.3212	3742658.937	RES_529	1.21E-03	0.00	0.35	3.52E-07
980307.3212	3742678.937	RES_530	1.09E-03	0.00	0.32	3.17E-07
980307.3212	3742698.937	RES_531	9.82E-04	0.00	0.29	2.86E-07
980307.3212	3742718.937	RES_532	8.89E-04	0.00	0.26	2.59E-07
980307.3212	3742738.937	RES_533	8.08E-04	0.00	0.23	2.35E-07
980307.3212	3742758.937	RES_534	7.36E-04	0.00	0.21	2.14E-07
980307.3212	3742778.937	RES_535	6.72E-04	0.00	0.20	1.96E-07
980327.3212	3742258.937	RES_536	1.20E-02	0.00	3.48	3.48E-06
980327.3212	3742278.937	RES_537	1.09E-02	0.00	3.17	3.17E-06
980327.3212	3742298.937	RES_538	9.86E-03	0.00	2.87	2.87E-06
980327.3212	3742318.937	RES_539	8.83E-03	0.00	2.57	2.57E-06
980327.3212	3742338.937	RES_540	7.85E-03	0.00	2.28	2.28E-06
980327.3212	3742358.937	RES_541	6.97E-03	0.00	2.03	2.03E-06
980327.3212	3742378.937	RES_542	6.17E-03	0.00	1.80	1.80E-06
980327.3212	3742398.937	RES_543	5.47E-03	0.00	1.59	1.59E-06
980327.3212	3742418.937	RES_544	4.85E-03	0.00	1.41	1.41E-06
980327.3212	3742438.937	RES_545	4.31E-03	0.00	1.25	1.25E-06
980327.3212	3742458.937	RES_546	3.83E-03	0.00	1.11	1.11E-06
980327.3212	3742478.937	RES_547	3.41E-03	0.00	0.99	9.91E-07
980327.3212	3742498.937	RES_548	3.04E-03	0.00	0.88	8.83E-07
980327.3212	3742518.937	RES_549	2.71E-03	0.00	0.79	7.87E-07
980327.3212	3742538.937	RES_550	2.42E-03	0.00	0.70	7.03E-07
980327.3212	3742558.937	RES_551	2.16E-03	0.00	0.63	6.29E-07
980327.3212	3742578.937	RES_552	1.94E-03	0.00	0.56	5.64E-07
980327.3212	3742598.937	RES_553	1.74E-03	0.00	0.51	5.07E-07
980327.3212	3742618.937	RES_554	1.57E-03	0.00	0.46	4.56E-07
980327.3212	3742638.937	RES_555	1.41E-03	0.00	0.41	4.10E-07
980327.3212	3742658.937	RES_556	1.27E-03	0.00	0.37	3.70E-07
980327.3212	3742678.937	RES_557	1.15E-03	0.00	0.33	3.34E-07
980327.3212	3742698.937	RES_558	1.04E-03	0.00	0.30	3.03E-07
980327.3212	3742718.937	RES_559	9.47E-04	0.00	0.28	2.75E-07
980327.3212	3742738.937	RES_560	8.63E-04	0.00	0.25	2.51E-07
980327.3212	3742758.937	RES_561	7.89E-04	0.00	0.23	2.29E-07
980347.3212	3742258.937	RES_562	8.13E-03	0.00	2.36	2.36E-06
980347.3212	3742278.937	RES_563	7.91E-03	0.00	2.30	2.30E-06
980347.3212	3742298.937	RES_564	7.52E-03	0.00	2.19	2.19E-06
980347.3212	3742318.937	RES_565	7.01E-03	0.00	2.04	2.04E-06
980347.3212	3742338.937	RES_566	6.46E-03	0.00	1.88	1.88E-06
980347.3212	3742358.937	RES_567	5.91E-03	0.00	1.72	1.72E-06
980347.3212	3742378.937	RES_568	5.36E-03	0.00	1.56	1.56E-06
980347.3212	3742398.937	RES_569	4.85E-03	0.00	1.41	1.41E-06
980347.3212	3742418.937	RES_570	4.38E-03	0.00	1.28	1.28E-06
980347.3212	3742438.937	RES_571	3.96E-03	0.00	1.15	1.15E-06
980347.3212	3742458.937	RES_572	3.57E-03	0.00	1.04	1.04E-06
980347.3212	3742478.937	RES_573	3.23E-03	0.00	0.94	9.38E-07
980347.3212	3742498.937	RES_574	2.91E-03	0.00	0.85	8.47E-07
980347.3212	3742518.937	RES_575	2.63E-03	0.00	0.76	7.64E-07
980347.3212	3742538.937	RES_576	2.37E-03	0.00	0.69	6.90E-07
980347.3212	3742558.937	RES_577	2.15E-03	0.00	0.62	6.24E-07
980347.3212	3742578.937	RES_578	1.94E-03	0.00	0.57	5.65E-07
980347.3212	3742598.937	RES_579	1.76E-03	0.00	0.51	5.12E-07
980347.3212	3742618.937	RES_580	1.59E-03	0.00	0.46	4.64E-07
980347.3212	3742638.937	RES_581	1.45E-03	0.00	0.42	4.20E-07
980347.3212	3742658.937	RES_582	1.31E-03	0.00	0.38	3.82E-07
980347.3212	3742678.937	RES_583	1.19E-03	0.00	0.35	3.47E-07
980347.3212	3742698.937	RES_584	1.09E-03	0.00	0.32	3.16E-07
980347.3212	3742718.937	RES_585	9.94E-04	0.00	0.29	2.89E-07

980347.3212	3742738.937	RES_586	9.09E-04	0.00	0.26	2.64E-07
980367.3212	3742298.937	RES_587	5.74E-03	0.00	1.67	1.67E-06
980367.3212	3742318.937	RES_588	5.54E-03	0.00	1.61	1.61E-06
980367.3212	3742338.937	RES_589	5.26E-03	0.00	1.53	1.53E-06
980367.3212	3742358.937	RES_590	4.93E-03	0.00	1.43	1.43E-06
980367.3212	3742378.937	RES_591	4.59E-03	0.00	1.33	1.33E-06
980367.3212	3742398.937	RES_592	4.23E-03	0.00	1.23	1.23E-06
980367.3212	3742418.937	RES_593	3.89E-03	0.00	1.13	1.13E-06
980367.3212	3742438.937	RES_594	3.57E-03	0.00	1.04	1.04E-06
980367.3212	3742458.937	RES_595	3.27E-03	0.00	0.95	9.52E-07
980367.3212	3742478.937	RES_596	3.00E-03	0.00	0.87	8.71E-07
980367.3212	3742498.937	RES_597	2.74E-03	0.00	0.80	7.96E-07
980367.3212	3742518.937	RES_598	2.50E-03	0.00	0.73	7.27E-07
980367.3212	3742538.937	RES_599	2.29E-03	0.00	0.66	6.65E-07
980367.3212	3742558.937	RES_600	2.09E-03	0.00	0.61	6.07E-07
980367.3212	3742578.937	RES_601	1.91E-03	0.00	0.55	5.55E-07
980367.3212	3742598.937	RES_602	1.74E-03	0.00	0.51	5.07E-07
980367.3212	3742618.937	RES_603	1.59E-03	0.00	0.46	4.63E-07
980367.3212	3742638.937	RES_604	1.46E-03	0.00	0.42	4.23E-07
980367.3212	3742658.937	RES_605	1.33E-03	0.00	0.39	3.87E-07
980367.3212	3742678.937	RES_606	1.22E-03	0.00	0.35	3.54E-07
980367.3212	3742698.937	RES_607	1.12E-03	0.00	0.32	3.25E-07
980367.3212	3742718.937	RES_608	1.03E-03	0.00	0.30	2.98E-07
980387.3212	3742318.937	RES_609	4.42E-03	0.00	1.28	1.28E-06
980387.3212	3742338.937	RES_610	4.29E-03	0.00	1.25	1.25E-06
980387.3212	3742358.937	RES_611	4.10E-03	0.00	1.19	1.19E-06
980387.3212	3742378.937	RES_612	3.89E-03	0.00	1.13	1.13E-06
980387.3212	3742398.937	RES_613	3.66E-03	0.00	1.06	1.06E-06
980387.3212	3742418.937	RES_614	3.42E-03	0.00	0.99	9.94E-07
980387.3212	3742438.937	RES_615	3.18E-03	0.00	0.93	9.25E-07
980387.3212	3742458.937	RES_616	2.95E-03	0.00	0.86	8.59E-07
980387.3212	3742478.937	RES_617	2.74E-03	0.00	0.80	7.96E-07
980387.3212	3742498.937	RES_618	2.53E-03	0.00	0.74	7.37E-07
980387.3212	3742518.937	RES_619	2.34E-03	0.00	0.68	6.81E-07
980387.3212	3742538.937	RES_620	2.16E-03	0.00	0.63	6.29E-07
980387.3212	3742558.937	RES_621	2.00E-03	0.00	0.58	5.80E-07
980387.3212	3742578.937	RES_622	1.84E-03	0.00	0.54	5.35E-07
980387.3212	3742598.937	RES_623	1.70E-03	0.00	0.49	4.93E-07
980387.3212	3742618.937	RES_624	1.56E-03	0.00	0.45	4.55E-07
980387.3212	3742638.937	RES_625	1.44E-03	0.00	0.42	4.19E-07
980387.3212	3742658.937	RES_626	1.33E-03	0.00	0.39	3.86E-07
980387.3212	3742678.937	RES_627	1.22E-03	0.00	0.36	3.56E-07
980387.3212	3742698.937	RES_628	1.13E-03	0.00	0.33	3.28E-07
980407.3212	3742358.937	RES_629	3.43E-03	0.00	1.00	9.96E-07
980407.3212	3742378.937	RES_630	3.30E-03	0.00	0.96	9.59E-07
980407.3212	3742398.937	RES_631	3.15E-03	0.00	0.91	9.15E-07
980407.3212	3742418.937	RES_632	2.98E-03	0.00	0.87	8.66E-07
980407.3212	3742438.937	RES_633	2.81E-03	0.00	0.82	8.17E-07
980407.3212	3742458.937	RES_634	2.64E-03	0.00	0.77	7.68E-07
980407.3212	3742478.937	RES_635	2.48E-03	0.00	0.72	7.20E-07
980407.3212	3742498.937	RES_636	2.32E-03	0.00	0.67	6.74E-07
980407.3212	3742518.937	RES_637	2.16E-03	0.00	0.63	6.29E-07
980407.3212	3742538.937	RES_638	2.02E-03	0.00	0.59	5.87E-07
980407.3212	3742558.937	RES_639	1.88E-03	0.00	0.55	5.47E-07
980407.3212	3742578.937	RES_640	1.75E-03	0.00	0.51	5.09E-07
980407.3212	3742598.937	RES_641	1.63E-03	0.00	0.47	4.73E-07
980407.3212	3742618.937	RES_642	1.51E-03	0.00	0.44	4.39E-07
980407.3212	3742638.937	RES_643	1.40E-03	0.00	0.41	4.08E-07
980407.3212	3742658.937	RES_644	1.30E-03	0.00	0.38	3.79E-07
980407.3212	3742678.937	RES_645	1.21E-03	0.00	0.35	3.52E-07
980407.3212	3742698.937	RES_646	1.12E-03	0.00	0.33	3.27E-07
980427.3212	3742378.937	RES_647	2.81E-03	0.00	0.82	8.16E-07
980427.3212	3742398.937	RES_648	2.71E-03	0.00	0.79	7.88E-07
980427.3212	3742418.937	RES_649	2.60E-03	0.00	0.75	7.55E-07
980427.3212	3742438.937	RES_650	2.47E-03	0.00	0.72	7.19E-07
980427.3212	3742458.937	RES_651	2.35E-03	0.00	0.68	6.83E-07
980427.3212	3742478.937	RES_652	2.23E-03	0.00	0.65	6.47E-07
980427.3212	3742498.937	RES_653	2.10E-03	0.00	0.61	6.11E-07
980427.3212	3742518.937	RES_654	1.98E-03	0.00	0.58	5.76E-07
980427.3212	3742538.937	RES_655	1.86E-03	0.00	0.54	5.42E-07
980427.3212	3742558.937	RES_656	1.75E-03	0.00	0.51	5.09E-07
980427.3212	3742578.937	RES_657	1.64E-03	0.00	0.48	4.78E-07
980427.3212	3742598.937	RES_658	1.54E-03	0.00	0.45	4.48E-07
980427.3212	3742618.937	RES_659	1.44E-03	0.00	0.42	4.19E-07
980427.3212	3742638.937	RES_660	1.35E-03	0.00	0.39	3.92E-07

980427.3212	3742658.937	RES_661	1.26E-03	0.00	0.37	3.67E-07
980427.3212	3742678.937	RES_662	1.18E-03	0.00	0.34	3.43E-07
980447.3212	3742438.937	RES_663	2.18E-03	0.00	0.63	6.35E-07
980447.3212	3742458.937	RES_664	2.09E-03	0.00	0.61	6.08E-07
980447.3212	3742478.937	RES_665	1.99E-03	0.00	0.58	5.80E-07
980447.3212	3742498.937	RES_666	1.90E-03	0.00	0.55	5.52E-07
980447.3212	3742518.937	RES_667	1.80E-03	0.00	0.52	5.25E-07
980447.3212	3742538.937	RES_668	1.71E-03	0.00	0.50	4.97E-07
980447.3212	3742558.937	RES_669	1.62E-03	0.00	0.47	4.71E-07
980447.3212	3742578.937	RES_670	1.53E-03	0.00	0.45	4.45E-07
980447.3212	3742598.937	RES_671	1.44E-03	0.00	0.42	4.20E-07
980447.3212	3742618.937	RES_672	1.36E-03	0.00	0.40	3.96E-07
980447.3212	3742638.937	RES_673	1.28E-03	0.00	0.37	3.73E-07
980447.3212	3742658.937	RES_674	1.21E-03	0.00	0.35	3.52E-07
980467.3212	3742478.937	RES_675	1.79E-03	0.00	0.52	5.20E-07
980467.3212	3742498.937	RES_676	1.71E-03	0.00	0.50	4.98E-07
980467.3212	3742518.937	RES_677	1.64E-03	0.00	0.48	4.76E-07
980467.3212	3742538.937	RES_678	1.56E-03	0.00	0.45	4.55E-07
980467.3212	3742558.937	RES_679	1.49E-03	0.00	0.43	4.33E-07
980467.3212	3742618.937	RES_680	1.28E-03	0.00	0.37	3.72E-07
980467.3212	3742638.937	RES_681	1.21E-03	0.00	0.35	3.52E-07
980487.3212	3742518.937	RES_682	1.49E-03	0.00	0.43	4.33E-07
980487.3212	3742538.937	RES_683	1.43E-03	0.00	0.41	4.15E-07
980077.176	3742616.828	P_001	4.05E-04	0.00	0.07	6.56E-08
980077.176	3742636.828	P_002	3.69E-04	0.00	0.06	5.98E-08
980077.176	3742656.828	P_003	3.38E-04	0.00	0.05	5.47E-08
980077.176	3742676.828	P_004	3.11E-04	0.00	0.05	5.04E-08
980077.176	3742696.828	P_005	2.88E-04	0.00	0.05	4.66E-08
980077.176	3742716.828	P_006	2.67E-04	0.00	0.04	4.33E-08
980077.176	3742736.828	P_007	2.49E-04	0.00	0.04	4.04E-08
980097.176	3742616.828	P_008	4.54E-04	0.00	0.07	7.35E-08
980097.176	3742636.828	P_009	4.12E-04	0.00	0.07	6.67E-08
980097.176	3742656.828	P_010	3.74E-04	0.00	0.06	6.06E-08
980097.176	3742676.828	P_011	3.43E-04	0.00	0.06	5.56E-08
980097.176	3742696.828	P_012	3.16E-04	0.00	0.05	5.12E-08
980097.176	3742716.828	P_013	2.93E-04	0.00	0.05	4.75E-08
980097.176	3742736.828	P_014	2.73E-04	0.00	0.04	4.42E-08
980117.176	3742636.828	P_015	4.62E-04	0.00	0.07	7.49E-08
980117.176	3742656.828	P_016	4.19E-04	0.00	0.07	6.79E-08
980117.176	3742676.828	P_017	3.82E-04	0.00	0.06	6.19E-08
980117.176	3742696.828	P_018	3.51E-04	0.00	0.06	5.69E-08
980117.176	3742716.828	P_019	3.25E-04	0.00	0.05	5.27E-08
980117.176	3742736.828	P_020	3.01E-04	0.00	0.05	4.87E-08
980137.176	3742656.828	P_021	4.73E-04	0.00	0.08	7.66E-08
980137.176	3742676.828	P_022	4.30E-04	0.00	0.07	6.97E-08
980137.176	3742696.828	P_023	3.94E-04	0.00	0.06	6.38E-08
980137.176	3742716.828	P_024	3.63E-04	0.00	0.06	5.88E-08
980137.176	3742736.828	P_025	3.34E-04	0.00	0.05	5.42E-08
980157.176	3742696.828	P_026	4.44E-04	0.00	0.07	7.20E-08
980157.176	3742716.828	P_027	4.07E-04	0.00	0.07	6.59E-08
980177.176	3742716.828	P_028	4.57E-04	0.00	0.07	7.41E-08
980089.9238	3741804.774	S_001	3.02E-04	0.00	0.01	7.30E-09
980089.9238	3741824.774	S_002	3.42E-04	0.00	0.01	8.27E-09
980089.9238	3741844.774	S_003	3.91E-04	0.00	0.01	9.45E-09
980089.9238	3741864.774	S_004	4.51E-04	0.00	0.01	1.09E-08
980089.9238	3741884.774	S_005	5.28E-04	0.00	0.01	1.28E-08
980089.9238	3741904.774	S_006	6.27E-04	0.00	0.02	1.52E-08
980089.9238	3741924.774	S_007	7.58E-04	0.00	0.02	1.83E-08
980089.9238	3741944.774	S_008	9.37E-04	0.00	0.02	2.265E-08
980089.9238	3741964.774	S_009	1.19E-03	0.00	0.03	2.8838E-08
980089.9238	3741984.774	S_010	1.58E-03	0.00	0.04	3.8294E-08
980089.9238	3742004.774	S_011	2.20E-03	0.00	0.05	5.3287E-08
980089.9238	3742024.774	S_012	3.32E-03	0.00	0.08	8.0224E-08
980109.9238	3741804.774	S_013	2.99E-04	0.00	0.01	7.2376E-09
980109.9238	3741824.774	S_014	3.38E-04	0.00	0.01	8.1815E-09
980109.9238	3741844.774	S_015	3.86E-04	0.00	0.01	9.3364E-09
980109.9238	3741864.774	S_016	4.45E-04	0.00	0.01	1.0769E-08
980109.9238	3741884.774	S_017	5.20E-04	0.00	0.01	1.2577E-08
980109.9238	3741904.774	S_018	6.16E-04	0.00	0.01	1.4904E-08
980109.9238	3741924.774	S_019	7.44E-04	0.00	0.02	1.7979E-08
980109.9238	3741944.774	S_020	9.16E-04	0.00	0.02	2.2143E-08
980109.9238	3741964.774	S_021	1.16E-03	0.00	0.03	2.7981E-08
980109.9238	3741984.774	S_022	1.51E-03	0.00	0.04	3.655E-08
980109.9238	3742004.774	S_023	2.07E-03	0.00	0.05	4.9938E-08
980109.9238	3742024.774	S_024	3.02E-03	0.00	0.07	7.2939E-08

980129.9238	3741784.774	S_025	2.65E-04	0.00	0.01	6.3971E-09
980129.9238	3741804.774	S_026	2.96E-04	0.00	0.01	7.1601E-09
980129.9238	3741824.774	S_027	3.34E-04	0.00	0.01	8.081E-09
980129.9238	3741844.774	S_028	3.81E-04	0.00	0.01	9.2046E-09
980129.9238	3741864.774	S_029	4.38E-04	0.00	0.01	1.0595E-08
980129.9238	3741884.774	S_030	5.10E-04	0.00	0.01	1.2342E-08
980129.9238	3741904.774	S_031	6.03E-04	0.00	0.01	1.4577E-08
980129.9238	3741924.774	S_032	7.24E-04	0.00	0.02	1.7499E-08
980129.9238	3741944.774	S_033	8.86E-04	0.00	0.02	2.1431E-08
980129.9238	3741964.774	S_034	1.11E-03	0.00	0.03	2.6866E-08
980129.9238	3741984.774	S_035	1.43E-03	0.00	0.03	3.469E-08
980129.9238	3742004.774	S_036	1.92E-03	0.00	0.05	4.6538E-08
980129.9238	3742024.774	S_037	2.74E-03	0.00	0.07	6.6143E-08
980149.9238	3741764.774	S_038	2.36E-04	0.00	0.01	5.7003E-09
980149.9238	3741784.774	S_039	2.62E-04	0.00	0.01	6.3257E-09
980149.9238	3741804.774	S_040	2.92E-04	0.00	0.01	7.0691E-09
980149.9238	3741824.774	S_041	3.29E-04	0.00	0.01	7.964E-09
980149.9238	3741844.774	S_042	3.74E-04	0.00	0.01	9.0511E-09
980149.9238	3741864.774	S_043	4.30E-04	0.00	0.01	1.0387E-08
980149.9238	3741884.774	S_044	4.99E-04	0.00	0.01	1.2055E-08
980149.9238	3741904.774	S_045	5.86E-04	0.00	0.01	1.4175E-08
980149.9238	3741924.774	S_046	7.00E-04	0.00	0.02	1.6923E-08
980149.9238	3741944.774	S_047	8.51E-04	0.00	0.02	2.0572E-08
980149.9238	3741964.774	S_048	1.06E-03	0.00	0.03	2.5554E-08
980149.9238	3741984.774	S_049	1.35E-03	0.00	0.03	3.2597E-08
980149.9238	3742004.774	S_050	1.78E-03	0.00	0.04	4.3038E-08
980149.9238	3742024.774	S_051	2.47E-03	0.00	0.06	5.9672E-08
980149.9238	3742044.774	S_052	3.68E-03	0.00	0.09	8.8869E-08
980169.9238	3741744.774	S_053	2.11E-04	0.00	0.01	5.1133E-09
980169.9238	3741764.774	S_054	2.33E-04	0.00	0.01	5.6319E-09
980169.9238	3741784.774	S_055	2.58E-04	0.00	0.01	6.2408E-09
980169.9238	3741804.774	S_056	2.88E-04	0.00	0.01	6.9613E-09
980169.9238	3741824.774	S_057	3.24E-04	0.00	0.01	7.8245E-09
980169.9238	3741844.774	S_058	3.67E-04	0.00	0.01	8.8674E-09
980169.9238	3741864.774	S_059	4.19E-04	0.00	0.01	1.0142E-08
980169.9238	3741884.774	S_060	4.85E-04	0.00	0.01	1.1723E-08
980169.9238	3741904.774	S_061	5.67E-04	0.00	0.01	1.3714E-08
980169.9238	3741924.774	S_062	6.73E-04	0.00	0.02	1.6268E-08
980169.9238	3741944.774	S_063	8.11E-04	0.00	0.02	1.9618E-08
980169.9238	3741964.774	S_064	9.98E-04	0.00	0.02	2.4122E-08
980169.9238	3741984.774	S_065	1.26E-03	0.00	0.03	3.0372E-08
980169.9238	3742004.774	S_066	1.63E-03	0.00	0.04	3.9435E-08
980169.9238	3742024.774	S_067	2.21E-03	0.00	0.05	5.3355E-08
980169.9238	3742044.774	S_068	3.19E-03	0.00	0.08	7.7018E-08
980189.9238	3741744.774	S_069	2.09E-04	0.00	0.01	5.0459E-09
980189.9238	3741764.774	S_070	2.29E-04	0.00	0.01	5.5489E-09
980189.9238	3741784.774	S_071	2.54E-04	0.00	0.01	6.1378E-09
980189.9238	3741804.774	S_072	2.83E-04	0.00	0.01	6.8327E-09
980189.9238	3741824.774	S_073	3.17E-04	0.00	0.01	7.6594E-09
980189.9238	3741844.774	S_074	3.58E-04	0.00	0.01	8.6537E-09
980189.9238	3741864.774	S_075	4.08E-04	0.00	0.01	9.8628E-09
980189.9238	3741884.774	S_076	4.69E-04	0.00	0.01	1.1349E-08
980189.9238	3741904.774	S_077	5.46E-04	0.00	0.01	1.3203E-08
980189.9238	3741924.774	S_078	6.43E-04	0.00	0.02	1.5556E-08
980189.9238	3741944.774	S_079	7.69E-04	0.00	0.02	1.8602E-08
980189.9238	3741964.774	S_080	9.36E-04	0.00	0.02	2.263E-08
980189.9238	3741984.774	S_081	1.16E-03	0.00	0.03	2.8123E-08
980189.9238	3742004.774	S_082	1.49E-03	0.00	0.04	3.5911E-08
980189.9238	3742024.774	S_083	1.97E-03	0.00	0.05	4.7534E-08
980189.9238	3742044.774	S_084	2.75E-03	0.00	0.07	6.6467E-08
980209.9238	3741724.774	S_085	1.88E-04	0.00	0.00	4.5454E-09
980209.9238	3741744.774	S_086	2.05E-04	0.00	0.00	4.9646E-09
980209.9238	3741764.774	S_087	2.25E-04	0.00	0.01	5.4503E-09
980209.9238	3741784.774	S_088	2.49E-04	0.00	0.01	6.0171E-09
980209.9238	3741804.774	S_089	2.76E-04	0.00	0.01	6.6816E-09
980209.9238	3741824.774	S_090	3.09E-04	0.00	0.01	7.4697E-09
980209.9238	3741844.774	S_091	3.48E-04	0.00	0.01	8.411E-09
980209.9238	3741864.774	S_092	3.95E-04	0.00	0.01	9.548E-09
980209.9238	3741884.774	S_093	4.52E-04	0.00	0.01	1.0936E-08
980209.9238	3741904.774	S_094	5.23E-04	0.00	0.01	1.2651E-08
980209.9238	3741924.774	S_095	6.12E-04	0.00	0.01	1.4802E-08
980209.9238	3741944.774	S_096	7.26E-04	0.00	0.02	1.755E-08
980209.9238	3741964.774	S_097	8.74E-04	0.00	0.02	2.1133E-08
980209.9238	3741984.774	S_098	1.07E-03	0.00	0.03	2.5937E-08
980209.9238	3742004.774	S_099	1.35E-03	0.00	0.03	3.2606E-08

980209.9238	3742024.774	S_100	1.75E-03	0.00	0.04	4.2306E-08
980209.9238	3742044.774	S_101	2.38E-03	0.00	0.06	5.7449E-08
980209.9238	3742064.774	S_102	3.48E-03	0.00	0.08	8.4121E-08
980229.9238	3741704.774	S_103	1.70E-04	0.00	0.00	4.1131E-09
980229.9238	3741724.774	S_104	1.85E-04	0.00	0.00	4.4656E-09
980229.9238	3741744.774	S_105	2.01E-04	0.00	0.00	4.8701E-09
980229.9238	3741764.774	S_106	2.21E-04	0.00	0.01	5.3362E-09
980229.9238	3741784.774	S_107	2.43E-04	0.00	0.01	5.8774E-09
980229.9238	3741804.774	S_108	2.69E-04	0.00	0.01	6.5106E-09
980229.9238	3741824.774	S_109	3.00E-04	0.00	0.01	7.2558E-09
980229.9238	3741844.774	S_110	3.37E-04	0.00	0.01	8.1415E-09
980229.9238	3741864.774	S_111	3.81E-04	0.00	0.01	9.2034E-09
980229.9238	3741884.774	S_112	4.34E-04	0.00	0.01	1.049E-08
980229.9238	3741904.774	S_113	4.99E-04	0.00	0.01	1.2065E-08
980229.9238	3741924.774	S_114	5.80E-04	0.00	0.01	1.4019E-08
980229.9238	3741944.774	S_115	6.82E-04	0.00	0.02	1.6485E-08
980229.9238	3741964.774	S_116	8.13E-04	0.00	0.02	1.9659E-08
980229.9238	3741984.774	S_117	9.86E-04	0.00	0.02	2.3846E-08
980229.9238	3742004.774	S_118	1.22E-03	0.00	0.03	2.9543E-08
980229.9238	3742024.774	S_119	1.56E-03	0.00	0.04	3.7626E-08
980229.9238	3742044.774	S_120	2.06E-03	0.00	0.05	4.9774E-08
980229.9238	3742064.774	S_121	2.88E-03	0.00	0.07	6.9651E-08
980249.9238	3741704.774	S_122	1.67E-04	0.00	0.00	4.0356E-09
980249.9238	3741724.774	S_123	1.81E-04	0.00	0.00	4.3747E-09
980249.9238	3741744.774	S_124	1.97E-04	0.00	0.00	4.7623E-09
980249.9238	3741764.774	S_125	2.15E-04	0.00	0.01	5.2076E-09
980249.9238	3741784.774	S_126	2.37E-04	0.00	0.01	5.7219E-09
980249.9238	3741804.774	S_127	2.61E-04	0.00	0.01	6.3199E-09
980249.9238	3741824.774	S_128	2.90E-04	0.00	0.01	7.0212E-09
980249.9238	3741844.774	S_129	3.25E-04	0.00	0.01	7.8491E-09
980249.9238	3741864.774	S_130	3.65E-04	0.00	0.01	8.8346E-09
980249.9238	3741884.774	S_131	4.14E-04	0.00	0.01	1.0018E-08
980249.9238	3741904.774	S_132	4.74E-04	0.00	0.01	1.1455E-08
980249.9238	3741924.774	S_133	5.47E-04	0.00	0.01	1.3222E-08
980249.9238	3741944.774	S_134	6.38E-04	0.00	0.02	1.5424E-08
980249.9238	3741964.774	S_135	7.54E-04	0.00	0.02	1.8223E-08
980249.9238	3741984.774	S_136	9.04E-04	0.00	0.02	2.186E-08
980249.9238	3742004.774	S_137	1.10E-03	0.00	0.03	2.6712E-08
980249.9238	3742024.774	S_138	1.38E-03	0.00	0.03	3.3428E-08
980249.9238	3742044.774	S_139	1.79E-03	0.00	0.04	4.3168E-08
980249.9238	3742064.774	S_140	2.41E-03	0.00	0.06	5.8199E-08
980249.9238	3742084.774	S_141	3.46E-03	0.00	0.08	8.3636E-08
980269.9238	3741684.774	S_142	1.51E-04	0.00	0.00	3.6627E-09
980269.9238	3741704.774	S_143	1.63E-04	0.00	0.00	3.9498E-09
980269.9238	3741724.774	S_144	1.77E-04	0.00	0.00	4.2741E-09
980269.9238	3741744.774	S_145	1.92E-04	0.00	0.00	4.643E-09
980269.9238	3741764.774	S_146	2.10E-04	0.00	0.01	5.0658E-09
980269.9238	3741784.774	S_147	2.30E-04	0.00	0.01	5.5514E-09
980269.9238	3741804.774	S_148	2.53E-04	0.00	0.01	6.1134E-09
980269.9238	3741824.774	S_149	2.80E-04	0.00	0.01	6.7686E-09
980269.9238	3741844.774	S_150	3.12E-04	0.00	0.01	7.5375E-09
980269.9238	3741864.774	S_151	3.49E-04	0.00	0.01	8.4457E-09
980269.9238	3741884.774	S_152	3.94E-04	0.00	0.01	9.5283E-09
980269.9238	3741904.774	S_153	4.48E-04	0.00	0.01	1.0831E-08
980269.9238	3741924.774	S_154	5.14E-04	0.00	0.01	1.2417E-08
980269.9238	3741944.774	S_155	5.95E-04	0.00	0.01	1.4374E-08
980269.9238	3741964.774	S_156	6.96E-04	0.00	0.02	1.683E-08
980269.9238	3741984.774	S_157	8.26E-04	0.00	0.02	1.9971E-08
980269.9238	3742004.774	S_158	9.96E-04	0.00	0.02	2.4088E-08
980269.9238	3742024.774	S_159	1.23E-03	0.00	0.03	2.965E-08
980269.9238	3742044.774	S_160	1.55E-03	0.00	0.04	3.7463E-08
980269.9238	3742064.774	S_161	2.03E-03	0.00	0.05	4.9003E-08
980269.9238	3742084.774	S_162	2.78E-03	0.00	0.07	6.7152E-08
980269.9238	3742104.774	S_163	4.06E-03	0.00	0.10	9.8183E-08
980289.9238	3741684.774	S_164	1.48E-04	0.00	0.00	3.5825E-09
980289.9238	3741704.774	S_165	1.59E-04	0.00	0.00	3.8562E-09
980289.9238	3741724.774	S_166	1.72E-04	0.00	0.00	4.1654E-09
980289.9238	3741744.774	S_167	1.87E-04	0.00	0.00	4.5153E-09
980289.9238	3741764.774	S_168	2.03E-04	0.00	0.00	4.9137E-09
980289.9238	3741784.774	S_169	2.22E-04	0.00	0.01	5.3698E-09
980289.9238	3741804.774	S_170	2.44E-04	0.00	0.01	5.8952E-09
980289.9238	3741824.774	S_171	2.69E-04	0.00	0.01	6.503E-09
980289.9238	3741844.774	S_172	2.98E-04	0.00	0.01	7.2123E-09
980289.9238	3741864.774	S_173	3.33E-04	0.00	0.01	8.0444E-09
980289.9238	3741884.774	S_174	3.73E-04	0.00	0.01	9.028E-09

980289.9238	3741904.774	S_175	4.22E-04	0.00	0.01	1.0201E-08
980289.9238	3741924.774	S_176	4.80E-04	0.00	0.01	1.1617E-08
980289.9238	3741944.774	S_177	5.52E-04	0.00	0.01	1.3346E-08
980289.9238	3741964.774	S_178	6.41E-04	0.00	0.02	1.5487E-08
980289.9238	3741984.774	S_179	7.52E-04	0.00	0.02	1.8186E-08
980289.9238	3742004.774	S_180	8.96E-04	0.00	0.02	2.166E-08
980289.9238	3742024.774	S_181	1.09E-03	0.00	0.03	2.6251E-08
980289.9238	3742044.774	S_182	1.34E-03	0.00	0.03	3.2515E-08
980289.9238	3742064.774	S_183	1.71E-03	0.00	0.04	4.1417E-08
980289.9238	3742084.774	S_184	2.26E-03	0.00	0.05	5.4687E-08
980289.9238	3742104.774	S_185	3.13E-03	0.00	0.08	7.5591E-08
980289.9238	3742124.774	S_186	4.57E-03	0.00	0.11	1.1061E-07
980309.9238	3741684.774	S_187	1.45E-04	0.00	0.00	3.4972E-09
980309.9238	3741704.774	S_188	1.55E-04	0.00	0.00	3.7576E-09
980309.9238	3741724.774	S_189	1.68E-04	0.00	0.00	4.0505E-09
980309.9238	3741744.774	S_190	1.81E-04	0.00	0.00	4.3805E-09
980309.9238	3741764.774	S_191	1.97E-04	0.00	0.00	4.7549E-09
980309.9238	3741784.774	S_192	2.14E-04	0.00	0.01	5.1809E-09
980309.9238	3741804.774	S_193	2.34E-04	0.00	0.01	5.6683E-09
980309.9238	3741824.774	S_194	2.58E-04	0.00	0.01	6.2294E-09
980309.9238	3741844.774	S_195	2.85E-04	0.00	0.01	6.8798E-09
980309.9238	3741864.774	S_196	3.16E-04	0.00	0.01	7.6371E-09
980309.9238	3741884.774	S_197	3.53E-04	0.00	0.01	8.5255E-09
980309.9238	3741904.774	S_198	3.96E-04	0.00	0.01	9.5767E-09
980309.9238	3741924.774	S_199	4.48E-04	0.00	0.01	1.0833E-08
980309.9238	3741944.774	S_200	5.11E-04	0.00	0.01	1.235E-08
980309.9238	3741964.774	S_201	5.87E-04	0.00	0.01	1.4205E-08
980309.9238	3741984.774	S_202	6.83E-04	0.00	0.02	1.6511E-08
980309.9238	3742004.774	S_203	8.04E-04	0.00	0.02	1.943E-08
980309.9238	3742024.774	S_204	9.60E-04	0.00	0.02	2.3205E-08
980309.9238	3742044.774	S_205	1.17E-03	0.00	0.03	2.8224E-08
980309.9238	3742064.774	S_206	1.45E-03	0.00	0.04	3.5118E-08
980309.9238	3742084.774	S_207	1.86E-03	0.00	0.04	4.4952E-08
980309.9238	3742104.774	S_208	2.46E-03	0.00	0.06	5.9552E-08
980309.9238	3742124.774	S_209	3.40E-03	0.00	0.08	8.2128E-08
980309.9238	3742144.774	S_210	4.91E-03	0.00	0.12	1.1877E-07
980329.9238	3741684.774	S_211	1.41E-04	0.00	0.00	3.4099E-09
980329.9238	3741704.774	S_212	1.51E-04	0.00	0.00	3.6577E-09
980329.9238	3741724.774	S_213	1.63E-04	0.00	0.00	3.934E-09
980329.9238	3741744.774	S_214	1.76E-04	0.00	0.00	4.2436E-09
980329.9238	3741764.774	S_215	1.90E-04	0.00	0.00	4.5928E-09
980329.9238	3741784.774	S_216	2.06E-04	0.00	0.00	4.9883E-09
980329.9238	3741804.774	S_217	2.25E-04	0.00	0.01	5.4383E-09
980329.9238	3741824.774	S_218	2.46E-04	0.00	0.01	5.9532E-09
980329.9238	3741844.774	S_219	2.71E-04	0.00	0.01	6.5454E-09
980329.9238	3741864.774	S_220	2.99E-04	0.00	0.01	7.2306E-09
980329.9238	3741884.774	S_221	3.32E-04	0.00	0.01	8.0288E-09
980329.9238	3741904.774	S_222	3.71E-04	0.00	0.01	8.9656E-09
980329.9238	3741924.774	S_223	4.17E-04	0.00	0.01	1.0074E-08
980329.9238	3741944.774	S_224	4.71E-04	0.00	0.01	1.1398E-08
980329.9238	3741964.774	S_225	5.37E-04	0.00	0.01	1.2995E-08
980329.9238	3741984.774	S_226	6.19E-04	0.00	0.01	1.496E-08
980329.9238	3742004.774	S_227	7.20E-04	0.00	0.02	1.7404E-08
980329.9238	3742024.774	S_228	8.48E-04	0.00	0.02	2.0505E-08
980329.9238	3742044.774	S_229	1.01E-03	0.00	0.02	2.4527E-08
980329.9238	3742064.774	S_230	1.24E-03	0.00	0.03	2.9893E-08
980329.9238	3742084.774	S_231	1.54E-03	0.00	0.04	3.7272E-08
980329.9238	3742104.774	S_232	1.97E-03	0.00	0.05	4.7731E-08
980329.9238	3742124.774	S_233	2.60E-03	0.00	0.06	6.295E-08
980329.9238	3742144.774	S_234	3.54E-03	0.00	0.09	8.5505E-08
980329.9238	3742164.774	S_235	4.92E-03	0.00	0.12	1.1895E-07
980349.9238	3741744.774	S_236	1.70E-04	0.00	0.00	4.1097E-09
980349.9238	3741764.774	S_237	1.83E-04	0.00	0.00	4.4328E-09
980349.9238	3741784.774	S_238	1.98E-04	0.00	0.00	4.7971E-09
980349.9238	3741804.774	S_239	2.15E-04	0.00	0.01	5.2104E-09
980349.9238	3741824.774	S_240	2.35E-04	0.00	0.01	5.6799E-09
980349.9238	3741844.774	S_241	2.57E-04	0.00	0.01	6.2168E-09
980349.9238	3741864.774	S_242	2.83E-04	0.00	0.01	6.8338E-09
980349.9238	3741884.774	S_243	3.12E-04	0.00	0.01	7.5475E-09
980349.9238	3741904.774	S_244	3.47E-04	0.00	0.01	8.3783E-09
980349.9238	3741924.774	S_245	3.87E-04	0.00	0.01	9.3531E-09
980349.9238	3741944.774	S_246	4.35E-04	0.00	0.01	1.0506E-08
980349.9238	3741964.774	S_247	4.91E-04	0.00	0.01	1.1882E-08
980349.9238	3741984.774	S_248	5.60E-04	0.00	0.01	1.3546E-08
980349.9238	3742004.774	S_249	6.45E-04	0.00	0.02	1.5588E-08

980349.9238	3742024.774	S_250	7.50E-04	0.00	0.02	1.8133E-08
980349.9238	3742044.774	S_251	8.84E-04	0.00	0.02	2.1365E-08
980349.9238	3742064.774	S_252	1.06E-03	0.00	0.03	2.5566E-08
980349.9238	3742084.774	S_253	1.29E-03	0.00	0.03	3.1163E-08
980349.9238	3742104.774	S_254	1.60E-03	0.00	0.04	3.8806E-08
980349.9238	3742124.774	S_255	2.04E-03	0.00	0.05	4.9441E-08
980349.9238	3742144.774	S_256	2.66E-03	0.00	0.06	6.4351E-08
980349.9238	3742164.774	S_257	3.51E-03	0.00	0.08	8.4939E-08
980369.9238	3741824.774	S_258	2.24E-04	0.00	0.01	5.4163E-09
980369.9238	3741844.774	S_259	2.44E-04	0.00	0.01	5.9003E-09
980369.9238	3741864.774	S_260	2.67E-04	0.00	0.01	6.4525E-09
980369.9238	3741884.774	S_261	2.93E-04	0.00	0.01	7.0876E-09
980369.9238	3741904.774	S_262	3.23E-04	0.00	0.01	7.8211E-09
980369.9238	3741924.774	S_263	3.59E-04	0.00	0.01	8.6757E-09
980369.9238	3741944.774	S_264	4.00E-04	0.00	0.01	9.676E-09
980369.9238	3741964.774	S_265	4.49E-04	0.00	0.01	1.0858E-08
980369.9238	3741984.774	S_266	5.07E-04	0.00	0.01	1.2268E-08
980369.9238	3742004.774	S_267	5.78E-04	0.00	0.01	1.3973E-08
980369.9238	3742024.774	S_268	6.64E-04	0.00	0.02	1.6064E-08
980369.9238	3742044.774	S_269	7.72E-04	0.00	0.02	1.867E-08
980369.9238	3742064.774	S_270	9.09E-04	0.00	0.02	2.1985E-08
980369.9238	3742084.774	S_271	1.09E-03	0.00	0.03	2.6288E-08
980369.9238	3742104.774	S_272	1.32E-03	0.00	0.03	3.1994E-08
980369.9238	3742124.774	S_273	1.64E-03	0.00	0.04	3.9655E-08
980369.9238	3742144.774	S_274	2.07E-03	0.00	0.05	4.9974E-08
980389.9238	3741884.774	S_275	2.75E-04	0.00	0.01	6.6561E-09
980389.9238	3741904.774	S_276	3.02E-04	0.00	0.01	7.3006E-09
980389.9238	3741924.774	S_277	3.33E-04	0.00	0.01	8.0463E-09
980389.9238	3741944.774	S_278	3.69E-04	0.00	0.01	8.9123E-09
980389.9238	3741964.774	S_279	4.11E-04	0.00	0.01	9.9259E-09
980389.9238	3741984.774	S_280	4.60E-04	0.00	0.01	1.1121E-08
980389.9238	3742004.774	S_281	5.19E-04	0.00	0.01	1.2546E-08
980389.9238	3742024.774	S_282	5.90E-04	0.00	0.01	1.4269E-08
980389.9238	3742044.774	S_283	6.78E-04	0.00	0.02	1.6383E-08
980389.9238	3742064.774	S_284	7.87E-04	0.00	0.02	1.9023E-08
980389.9238	3742084.774	S_285	9.26E-04	0.00	0.02	2.2378E-08
980389.9238	3742104.774	S_286	1.10E-03	0.00	0.03	2.6712E-08
980389.9238	3742124.774	S_287	1.34E-03	0.00	0.03	3.2376E-08
980409.9238	3741944.774	S_288	3.40E-04	0.00	0.01	8.2156E-09
980409.9238	3741964.774	S_289	3.76E-04	0.00	0.01	9.084E-09
980409.9238	3741984.774	S_290	4.18E-04	0.00	0.01	1.0097E-08
980409.9238	3742004.774	S_291	4.67E-04	0.00	0.01	1.1291E-08
980409.9238	3742024.774	S_292	5.26E-04	0.00	0.01	1.2718E-08
980409.9238	3742044.774	S_293	5.97E-04	0.00	0.01	1.4444E-08
980409.9238	3742064.774	S_294	6.85E-04	0.00	0.02	1.6565E-08
980409.9238	3742084.774	S_295	7.95E-04	0.00	0.02	1.9213E-08
980409.9238	3742104.774	S_296	9.33E-04	0.00	0.02	2.2567E-08
980409.9238	3742124.774	S_297	1.11E-03	0.00	0.03	2.6857E-08
980429.9238	3741964.774	S_298	3.44E-04	0.00	0.01	8.3295E-09
980429.9238	3741984.774	S_299	3.80E-04	0.00	0.01	9.1879E-09
980429.9238	3742004.774	S_300	4.22E-04	0.00	0.01	1.0193E-08
980429.9238	3742024.774	S_301	4.71E-04	0.00	0.01	1.1379E-08
980429.9238	3742044.774	S_302	5.29E-04	0.00	0.01	1.2797E-08
980429.9238	3742064.774	S_303	6.00E-04	0.00	0.01	1.4517E-08
980429.9238	3742084.774	S_304	6.88E-04	0.00	0.02	1.6635E-08
980429.9238	3742104.774	S_305	7.97E-04	0.00	0.02	1.9274E-08
980449.9238	3742004.774	S_306	3.82E-04	0.00	0.01	9.2324E-09
980449.9238	3742024.774	S_307	4.23E-04	0.00	0.01	1.0223E-08
980449.9238	3742044.774	S_308	4.71E-04	0.00	0.01	1.1397E-08
980449.9238	3742064.774	S_309	5.30E-04	0.00	0.01	1.2807E-08
980449.9238	3742084.774	S_310	6.01E-04	0.00	0.01	1.4522E-08
980469.9238	3742024.774	S_311	3.82E-04	0.00	0.01	9.2276E-09
980469.9238	3742044.774	S_312	4.22E-04	0.00	0.01	1.0205E-08
980469.9238	3742064.774	S_313	4.70E-04	0.00	0.01	1.1371E-08
980469.9238	3742084.774	S_314	5.28E-04	0.00	0.01	1.2777E-08
980489.9238	3742044.774	S_315	3.80E-04	0.00	0.01	9.1898E-09
980489.9238	3742064.774	S_316	4.20E-04	0.00	0.01	1.0161E-08
980404.6	3742206.17	W_001	2.57E-03	0.00	0.01	1.327E-08
980395.7	3742240.27	W_002	3.64E-03	0.00	0.02	1.882E-08
980504.67	3742161.69	W_003	6.84E-04	0.00	0.00	3.5352E-09
980443.89	3742297.35	W_004	2.46E-03	0.00	0.01	1.2732E-08
980480.95	3742379.63	W_005	1.89E-03	0.00	0.01	9.7715E-09
980519.5	3742227.67	W_006	9.30E-04	0.00	0.00	4.8054E-09
980546.18	3742255.09	W_007	8.69E-04	0.00	0.00	4.4872E-09
980555.82	3742291.42	W_008	9.44E-04	0.00	0.00	4.8773E-09

980578.06	3742308.47	W_009	8.55E-04	0.00	0.00	4.4189E-09
980601.04	3742345.53	W_010	8.18E-04	0.00	0.00	4.226E-09
980500.96	3742427.81	W_011	1.60E-03	0.00	0.01	8.288E-09
980518.78	3742452.39	W_012	1.41E-03	0.00	0.01	7.3037E-09
980625.18	3742376.52	W_013	7.56E-04	0.00	0.00	3.9066E-09
980640.01	3742414.89	W_014	7.39E-04	0.00	0.00	3.8181E-09
980561.52	3742496.87	W_015	1.09E-03	0.00	0.01	5.6243E-09
980665.3	3742472.45	W_016	6.82E-04	0.00	0.00	3.5214E-09
980513.48	3742577.06	W_017	1.18E-03	0.00	0.01	6.0928E-09
979899.3965	3742334.47	W_018	5.87E-04	0.00	0.00	3.0313E-09
979936.77	3742099.68	W_019	1.54E-03	0.00	0.01	7.9619E-09
979761.2358	3742285.815	W_020	2.96E-04	0.00	0.00	1.5304E-09
979733.51	3742181.86	W_021	2.94E-04	0.00	0.00	1.5185E-09
979924.14	3742077.7	W_022	1.39E-03	0.00	0.01	7.1664E-09
979822.0383	3741883.417	W_023	3.94E-04	0.00	0.00	2.0374E-09
979674.08	3742101.64	W_024	2.51E-04	0.00	0.00	1.2955E-09
979851.6058	3742394.377	W_025	3.92E-04	0.00	0.00	2.0229E-09
979873.7774	3742356.017	W_026	4.80E-04	0.00	0.00	2.479E-09
979586.8239	3742234.426	W_027	1.51E-04	0.00	0.00	7.7921E-10
979600.1988	3742183.358	W_028	1.71E-04	0.00	0.00	8.8112E-10
979550.3467	3742193.086	W_029	1.43E-04	0.00	0.00	7.3803E-10
979618.4374	3742121.347	W_030	1.98E-04	0.00	0.00	1.0222E-09
979858.8058	3741944.734	W_031	5.78E-04	0.00	0.00	2.9866E-09
979760.8922	3741849.215	W_032	2.92E-04	0.00	0.00	1.5106E-09