

1. Health Risk Assessment

1.1 CONSTRUCTION HEALTH RISK ASSESSMENT

The proposed project, located at 1975 Cambrianna Drive, San Jose, would involve the construction of a new 2-story, 48,051-square foot 24-hour memory care residential facility and community garden, within a previously undeveloped portion of the existing lot. The project would include a total of 70 units and 94 beds, on a 1.77-acre site. The project would include approximately 6,000 square feet of outdoor garden space and 52 total parking spaces. According to the project applicant, construction would occur from July 2024 to October 2025.

The latest version of the Bay Area Air Quality Management District (BAAQMD) CEQA Air Quality Guidelines recommends projects to evaluate the impacts of construction activities on nearby receptors (BAAQMD 2023). The nearest receptors to the project site include employees at Campbell Union High School District office west of the project site, employees and students at the ATLC preschool east of the project site, employees and students at the San Jose Recreation Preschool at Camden and Camden Community Center southwest of the project site, and residents at single-family residential neighborhoods north and south of the project site.

Because receptors, including sensitive receptors such as residents, are present in land uses adjacent to the project site, a site-specific construction HRA has been prepared for the proposed project. This HRA considers the health impact to nearby receptors (e.g., residents, workers, students) from construction emissions at the project site, including diesel equipment exhaust (diesel particulate matter or DPM) and particulate matter less than 2.5 microns (PM_{2.5}).

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

For residential receptors, the following conservative assumptions were used:

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

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

For preschool students, the following conservative assumptions were used:

- It was assumed that maximum exposed receptors stood outside and are subject to DPM for 8 hours per weekday and approximately 260 construction days per year.
- The calculated risk for infants from age 2 to 9 is multiplied by a factor of 3 to account for early life exposure and uncertainty in child versus adult exposure impacts (OEHHA 2015).

For workers, the following conservative assumptions were used:

- It was assumed that maximum exposed receptors stood outside and are subject to DPM for 8 hours per weekday and approximately 250 construction days per year.

1.2 METHODOLOGY AND SIGNIFICANCE THRESHOLDS

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

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

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

- BAAQMD. 2023. *California Environmental Quality Act (CEQA) Air Quality Guidelines*. April 2023.
- BAAQMD. 2016. *Planning Healthy Places*. May 2016.
- OEHHA. 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments*. February 2015.

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

1.3 CONSTRUCTION EMISSIONS

Construction emissions were calculated as average daily emissions in pounds per day, using the proposed construction schedule and the latest version of California Emissions Estimation Model, known as CalEEMod Version 2022.1. DPM emissions were based on the CalEEMod construction results, using maximum daily exhaust PM₁₀ emissions. The PM_{2.5} emissions were taken from the CalEEMod output for maximum daily PM_{2.5} exhaust and fugitive dust.

The proposed project was assumed to take place over 15 months (330 workdays) from July 2024 to October 2025. The average daily emission rates from construction equipment used during the proposed project were determined by multiplying the maximum daily emissions for each construction activity by the duration of that activity, summing the total emissions from all construction activities, and dividing the summed total by the total construction workdays (330 days). The CalEEMod construction emissions output and emission rate calculations are provided in Appendix B.

1.4 DISPERSION MODELING

Air quality 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 BAAQMD for estimating ground level impacts from point and fugitive sources in simple and complex terrain. The on-site construction emissions for the project were modeled as poly-area sources. The off-site mobile sources were modeled as line volume sources. The model requires additional input parameters, including chemical emission data and local meteorology. Inputs for the construction emission rates are those described in Section 1.3. Meteorological data obtained from the BAAQMD for the nearest representative meteorological station (San Jose International Airport) with the five latest available years (2013 to 2017) of record were used to represent local weather conditions and prevailing winds.

The modeling analysis also considered the spatial distribution and elevation of each emitting source in relation to the sensitive receptors. To accommodate the model's Cartesian grid format, direction-dependent calculations were obtained by identifying the Universal Transverse Mercator (UTM) coordinates for each source location. In addition, digital elevation model (DEM) data for the area were obtained and included in the model runs to account for complex terrain. An emission release height of 4.15 m was used as representative of the stack exhaust height for off-road construction equipment and diesel truck traffic, and an initial vertical dispersion parameter of 1.93 m was used, per California Air Resources Board (CARB) guidance (2000). For fugitive dust sources, an emission release height of 0 m was used to represent dust generated by ground disturbing activities and roadway dust re-entrainment.

To determine contaminant impacts during construction hours, the model's Season-Hour-Day (HRDOW) scalar option was invoked to predict flagpole-level concentrations (1.5 m for ground floor receptors) for construction emissions generated between the hours of 7:00 AM and 4:00 PM with a 1-hour lunch break.

A unit emission rate of 1 gram per second was used for all modeling runs. The unit emission rates were proportioned over the poly-area sources for on-site construction emissions and divided between the line volume sources for off-site hauling emissions. The maximum modeled concentrations from the output files were then multiplied by the emission rates calculated in Appendix B to obtain the maximum flagpole-level concentrations at the maximum exposed receptor (MER) for each receptor type. The air dispersion modeling predicted the MER for each receptor type near the project site are students at the ATLC Preschool immediately east of the project site, worker receptors at the Campbell Union High School District facility approximately 130 feet west of the project site, and a single-family residence approximately 100 feet southeast of the project site.

The MER locations are the receptor locations associated with the maximum predicted AERMOD concentrations resulting from the on-site construction emissions. The calculated on-site emission rates are approximately 3 to 4 orders of magnitude higher than the calculated off-site emission rates (see Appendix B). Therefore, the maximum concentrations associated with the on-site emission sources produce the highest overall MER concentrations and, consequently, highest calculated health risks.

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

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 recommended by BAAQMD 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 continuous exposure to an ambient concentration of one microgram per cubic meter ($\mu\text{g}/\text{m}^3$) over a lifetime of 30 years.

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

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

Where:

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

The inhalation absorption factor (A) is a unitless factor that is only used if the cancer potency factor included a correction for absorption across the lung. The default value of 1 was used for this assessment. An exposure frequency (EF) of 0.96 is used for residential receptors to represent 350 days per year to allow for a two-week period away from home each year, an EF of 0.49 was used for preschool student receptors to represent 180 school days a year where students would be at their respective campus, and an EF of 0.68 was used for

worker receptors to represent 250 workdays per year (OEHHA 2015). A fraction of time at home (FAH) factor applied to residential receptors. The 95th percentile daily breathing rates (BR/BW), exposure duration (ED), age sensitivity factors (ASFs), and FAH for the various age groups are provided herein:

<u>Age Groups</u>	<u>BR/BW (L/kg-day)</u>	<u>ED</u>	<u>ASF</u>	<u>FAH</u>
Third trimester	361	0.25	10	0.85
0-2 age group	1,090	1.01	10	0.85
3-9 age group	861	1.26	3	0.85
16-30 age group	335	1.26	1	0.85

To represent the unique characteristics of preschool children and senior residents, the assessment employed the USEPA’s guidance to develop viable dose estimates based on reasonable maximum exposure, defined as the “highest exposure that is reasonably expected to occur” for a given receptor population. To calculate the overall cancer risk, the risk for each appropriate age group is calculated per the following equation:

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

Where:

Dose _{AIR}	=	dose by inhalation (mg/kg-day), per age group
CPF	=	cancer potency factor, chemical-specific (mg/kg-day) ⁻¹
ASF	=	age sensitivity factor, per age group
FAH	=	fraction of time at home, per age group (for residential receptors only)
ED	=	exposure duration (years)
AT	=	averaging time period over which exposure duration is averaged (30 years)

The CPFs used in the assessment were obtained from OEHHA guidance. The excess lifetime cancer risks during the construction period to the maximally exposed resident were calculated based on the factors provided above. The cancer risks for each age group are summed to estimate the total cancer risk for each toxic chemical species. The final step converts the cancer risk in scientific notation to a whole number that expresses the cancer risk in “chances per million” by multiplying the cancer risk by a factor of 1x10⁶ (i.e., 1 million). The calculated results are provided in Appendix B.

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 Appendix B. 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 Appendix B and the results are summarized in Table 1.

TABLE 1. CONSTRUCTION RISK SUMMARY - UNMITIGATED

Receptor	Cancer Risk (per million)	Chronic Hazards	PM _{2.5} (µg/m ³)
MER – Resident	30.11	0.02	0.14
MER – Worker	0.89	0.02	0.16
MER – Student	11.11	0.04	0.26
BAAQMD Threshold	10	1.0	0.30
Exceeds Threshold?	Yes	No	No

Note: Cancer risk calculated using 2015 OEHHA HRA Guidance Manual.

Cancer risk for the residential MER from project-related construction emissions was calculated to be 30.11 in one million and the student MER to be 11.11 in one million, each of which would exceed the 10 in one million significance threshold. Cancer risk for the worker MER was calculated to be 0.89 in one million, which is below BAAQMD's 10 in one million significance threshold. In accordance with the latest 2015 OEHHA guidance, the calculated total cancer risk conservatively assumes that the residential MER consists of a pregnant woman in the third trimester that subsequently gives birth to an infant during the duration of construction; therefore, all calculated residential risk values were multiplied by a factor of 10. In addition, it was conservatively assumed that the residents and students were outdoors 8 hours a day, exposed to all of the daily construction emissions.

For non-carcinogenic effects, the chronic hazard index identified for each toxicological endpoint equaled less than one for each identified receptor. Therefore, chronic non-carcinogenic hazards would be within acceptable limits. For the maximum annual PM_{2.5} concentration, all MER locations were calculated to be below the BAAQMD significance threshold of 0.3 µg/m³.

Because cancer risk for the residential and student MERs would exceed the BAAQMD significance threshold during project construction, Mitigation Measure (MM) AQ-1 is included to ensure that off-road equipment used during project construction greater than 25 horsepower meets Tier 4 Final emissions standards. Mitigated results for the Residential MER are contained in Table 2.

MM AQ-1 would reduce the proposed project's localized construction emissions and subsequent exposure to nearby receptors, as shown in Table 2. The results indicate that, with mitigation, cancer risk would be less than the BAAQMD's significance thresholds at all analyzed receptors. Therefore, the proposed project would not expose nearby receptors to substantial concentrations of air pollutant emissions during construction, and this impact would be *less than significant* with mitigation.

TABLE 2. CONSTRUCTION RISK SUMMARY - MITIGATED

Receptor	Cancer Risk (per million)	Chronic Hazards	PM _{2.5} (µg/m ³)
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TABLE 2. CONSTRUCTION RISK SUMMARY - MITIGATED

MER – Resident	5.41	0.03	<0.01
MER – Worker	0.16	0.03	<0.01
MER – Student	1.94	0.05	<0.01
<i>BAAQMD Threshold</i>	<i>10</i>	<i>1.0</i>	<i>0.30</i>
Exceeds Threshold?	No	No	No

Note: Cancer risk calculated using 2015 OEHHA HRA Guidance Manual.

Risks incorporate Mitigation Measure AQ-1, which includes using construction equipment that meets USEPA Tier 4 Final engine requirements for equipment over 25 horsepower.

1.7 CUMULATIVE COMMUNITY HEALTH RISK

In addition to a project-level HRA, BAAQMD recommends assessing the potential cumulative impacts from sources of TACs within 1,000 feet of a project. For the cumulative analysis, BAAQMD maintains several tools and databases for identifying risks at a particular location. The existing TACs that BAAQMD recommends including in a cumulative analysis include permitted stationary sources, marine sources, roadway sources, rail sources, and highway sources. Risks from permitted stationary sources within 1,000 feet of the project site can be identified using BAAQMD’s *Stationary Source Screening Map* (BAAQMD 2023). Risks from roadway sources are released periodically from the BAAQMD in the form of risk assessment screening tools (RAST), which were utilized in determining associated risks at the residential MER during project construction. The residential MER was utilized in the cumulative community risk assessment as it represents the greatest impact to nearby receptors during project construction. No marine or rail risks are shown in the cumulative HRA as no marine or rail activities occur within 1,000 feet of the project site.

Table 3 summarizes the existing TAC source risks at the residential MER from mitigated project construction emissions in combination with existing TAC sources within 1,000 feet of the project site. As shown therein, the proposed project’s mitigated construction emissions combined with existing TAC emissions within 1,000 feet do not exceed the BAAQMD’s cumulative community health risk significance thresholds at the residential MER location, and this impact would be *less than significant* with mitigation.

TABLE 3. CUMULATIVE COMMUNITY RISK SUMMARY

Source	Source Type	Distance to MER ¹	Cancer Risk (per million)	Chronic Hazards	PM _{2.5} (µg/m ³)
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TABLE 3. CUMULATIVE COMMUNITY RISK SUMMARY

Project Impacts					
Mitigated Project Construction	Diesel Construction Equipment	120	5.41	0.03	<0.01
Permitted Stationary Source Impacts					
Verizon Wireless Camden & Union (Facility ID 16517)	Generator	810	0.06	<0.01	<0.01
Speedway No. 6693 (Facility ID 110687)	Gasoline Dispensing Facility	935	0.40	<0.01	<0.01
Roadway Impacts					
BAAQMD-provided roadway values ²		-	9.91	0.04	0.27
Marine Impacts					
BAAQMD-provided maritime values ²		>1,000	-	-	-
Rail Impacts					
BAAQMD-provided rail values ²		>1,000	-	-	-
Cumulative Health Impacts					
Cumulative Project Health Impacts			15.78	0.07	0.27
BAAQMD Threshold			100	10.0	0.80
Exceeds Threshold?			No	No	No

Notes: ND = No Data

¹ The residential MER is identified as a residence approximately 120 feet south of the project site, UTM coordinates: 594844.47 E, 4124744.05 N.

² BAAQMD-provided values correspond with risks experienced at the MER coordinates.

2. References

- Bay Area Air Quality Management District. 2016. *Planning Healthy Places*. Dated May 2016.
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- . 2013-2017. *Meteorological Data Set for Sonoma County Airport*.
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- Office of Environmental Health Hazard Assessment (OEHHA). 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments*. Dated February 2015.
- United States Environmental Protection Agency (USEPA). 2011. *Exposure Factors Handbook 2011 Edition (Final)*. EPA/600/R-09/052F, 2011.
- . 2005. *Guideline on Air Quality Models (Revised)*. EPA-450/2-78-027R.

Annual DPM & PM_{2.5} Total Concentrations: Residential Receptors

Contaminant (a)	Source (b)		Model Output ¹	Emission Rates ²		MER Conc. (µg/m ³) (e)	Total MER Conc. Annual Average (µg/m ³) (f)
			(µg/m ³) (c)	(lbs/day)	(gram/second) (d)		
Residential Receptor - Unmitigated							
DPM (PM ₁₀ Exhaust)	2024	On-Site Emissions	20.61	0.30	4.74E-03	9.77E-02	9.80E-02
		Truck Route	4.43	0.00	7.18E-05	3.18E-04	
	2025	On-Site Emissions	20.61	0.25	3.91E-03	8.05E-02	8.07E-02
		Truck Route	4.43	0.00	4.20E-05	1.86E-04	
Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations							
PM _{2.5} Exhaust	2024	On-Site Emissions	20.61	0.28	4.36E-03	8.98E-02	9.01E-02
		Truck Route	4.43	0.00	6.20E-05	2.74E-04	
	2025	On-Site Emissions	20.61	0.23	3.59E-03	7.40E-02	7.42E-02
		Truck Route	4.43	0.00	4.20E-05	1.86E-04	
PM _{2.5} Dust	2024	On-Site Emissions	23.32	0.12	1.90E-03	4.42E-02	5.20E-02
		Truck Route	4.67	0.11	1.67E-03	7.78E-03	
	2025	On-Site Emissions	23.32	0.00	0.00E+00	0.00E+00	8.08E-03
		Truck Route	4.67	0.11	1.73E-03	8.08E-03	
Average Annual PM_{2.5} Concentration							0.14
Residential Receptor - Mitigated							
DPM (PM ₁₀ Exhaust)	2024	On-Site Emissions	20.61	0.04	7.08E-04	1.46E-02	1.49E-02
		Truck Route	4.43	0.00	6.23E-05	2.76E-04	
	2025	On-Site Emissions	20.61	0.05	7.46E-04	1.54E-02	1.55E-02
		Truck Route	4.43	0.00	3.13E-05	1.38E-04	
Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations							
PM _{2.5} Exhaust	2024	On-Site Emissions	20.61	0.04	6.81E-04	1.40E-02	1.43E-02
		Truck Route	4.43	0.00	5.25E-05	2.32E-04	
	2025	On-Site Emissions	20.61	0.05	7.16E-04	1.48E-02	1.49E-02
		Truck Route	4.43	0.00	3.13E-05	1.38E-04	
PM _{2.5} Dust	2024	On-Site Emissions	23.32	0.12	1.90E-03	4.42E-02	5.02E-02
		Truck Route	4.67	0.08	1.28E-03	5.99E-03	
	2025	On-Site Emissions	23.32	0.00	0.00E+00	0.00E+00	6.04E-03
		Truck Route	4.67	0.08	1.29E-03	6.04E-03	
Average Annual PM_{2.5} Concentration							0.06

DPM Maximum Exposed Receptor (MER) UTM coordinates: 594844.47 E, 4124744.05 N (Receptor ID R_130).

Fugitive Dust MER UTM coordinates: 594844.47 E, 4124744.05 N (Receptor ID R_130).

Notes:

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

² Emission Rates from Emission Rate Calculations (Appendix A - Construction Emissions). Conversion from lbs/day to grams/second utilizes 453.592 grams/lb and 28,800 seconds per 8-hour workday.

Contaminant (a)	Source (b)	Model Output ¹ ($\mu\text{g}/\text{m}^3$) (c)	Emission Rates ²		MER Conc. ($\mu\text{g}/\text{m}^3$) (e)	Total MER Conc. Annual Average ($\mu\text{g}/\text{m}^3$) (f)
			(lbs/day)	(gram/second) (d)		

Annual DPM & PM_{2.5} Total Concentrations: Worker Receptors

Contaminant (a)	Source (b)	Model Output ¹ ($\mu\text{g}/\text{m}^3$) (c)	Emission Rates ²		MER Conc. ($\mu\text{g}/\text{m}^3$) (e)	Total MER Conc. Annual Average ($\mu\text{g}/\text{m}^3$) (f)
			(lbs/day)	(gram/second) (d)		

Worker Receptor - Unmitigated

DPM (PM ₁₀ Exhaust)	2024	On-Site Emissions	19.91	0.30	4.74E-03	9.44E-02	9.51E-02
		Truck Route	10.41	0.00	7.18E-05	7.48E-04	
	2025	On-Site Emissions	19.91	0.25	3.91E-03	7.78E-02	7.82E-02
		Truck Route	10.41	0.00	4.20E-05	4.37E-04	

Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations

PM _{2.5} Exhaust	2024	On-Site Emissions	19.91	0.28	4.36E-03	8.68E-02	8.75E-02
		Truck Route	10.41	0.00	6.20E-05	6.46E-04	
	2025	On-Site Emissions	19.91	0.23	3.59E-03	7.16E-02	7.20E-02
		Truck Route	10.41	0.00	4.20E-05	4.37E-04	
PM _{2.5} Dust	2024	On-Site Emissions	23.67	0.12	1.90E-03	4.49E-02	7.30E-02
		Truck Route	16.89	0.11	1.67E-03	2.81E-02	
	2025	On-Site Emissions	23.67	0.00	0.00E+00	0.00E+00	2.92E-02
		Truck Route	16.89	0.11	1.73E-03	2.92E-02	
Average Annual PM_{2.5} Concentration						0.16	

Worker Receptor - Mitigated

DPM (PM ₁₀ Exhaust)	2024	On-Site Emissions	19.91	0.04	7.08E-04	1.41E-02	1.47E-02
		Truck Route	10.41	0.00	6.23E-05	6.48E-04	
	2025	On-Site Emissions	19.91	0.05	7.46E-04	1.49E-02	1.52E-02
		Truck Route	10.41	0.00	3.13E-05	3.26E-04	

Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations

PM _{2.5} Exhaust	2024	On-Site Emissions	19.91	0.04	6.81E-04	1.36E-02	1.41E-02
		Truck Route	10.41	0.00	5.25E-05	5.46E-04	
	2025	On-Site Emissions	19.91	0.05	7.16E-04	1.43E-02	1.46E-02
		Truck Route	10.41	0.00	3.13E-05	3.26E-04	
PM _{2.5} Dust	2024	On-Site Emissions	23.67	0.12	1.90E-03	4.49E-02	6.65E-02
		Truck Route	16.89	0.08	1.28E-03	2.17E-02	
	2025	On-Site Emissions	23.67	0.00	0.00E+00	0.00E+00	2.19E-02
		Truck Route	16.89	0.08	1.29E-03	2.19E-02	
Average Annual PM_{2.5} Concentration						0.08	

Maximum Exposed Receptor (MER) UTM coordinates: 594719.6 E, 4124872.04 N (Receptor ID W_084).

Fugitive Dust MER UTM coordinates: 594719.6 E, 4124872.04 N (Receptor ID W_084).

Notes:

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

² Emission Rates from Emission Rate Calculations (Appendix A - Construction Emissions). Conversion from lbs/day to grams/second utilizes 453.592 grams/lb and 28,800 seconds per 8-hour workday.

Contaminant (a)	Source (b)	Model Output ¹ ($\mu\text{g}/\text{m}^3$) (c)	Emission Rates ²		MER Conc. ($\mu\text{g}/\text{m}^3$) (e)	Total MER Conc. Annual Average ($\mu\text{g}/\text{m}^3$) (f)
			(lbs/day)	(gram/second)		

Annual DPM & PM_{2.5} Total Concentrations: Prechool Student Receptors

Contaminant (a)	Source (b)	Model Output ¹ ($\mu\text{g}/\text{m}^3$) (c)	Emission Rates ²		MER Conc. ($\mu\text{g}/\text{m}^3$) (e)	Total MER Conc. Annual Average ($\mu\text{g}/\text{m}^3$) (f)
			(lbs/day)	(gram/second)		

Preschool Receptor - Unmitigated

DPM (PM ₁₀ Exhaust)	2024	On-Site Emissions	37.14	0.30	4.74E-03	1.76E-01	1.76E-01
		Truck Route	5.14	0.00	7.18E-05	3.69E-04	
	2025	On-Site Emissions	37.14	0.25	3.91E-03	1.45E-01	1.45E-01
		Truck Route	5.14	0.00	4.20E-05	2.16E-04	

Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations

PM _{2.5} Exhaust	2024	On-Site Emissions	37.14	0.28	4.36E-03	1.62E-01	1.62E-01
		Truck Route	5.14	0.00	6.20E-05	3.19E-04	
	2025	On-Site Emissions	37.14	0.23	3.59E-03	1.33E-01	1.34E-01
		Truck Route	5.14	0.00	4.20E-05	2.16E-04	
PM _{2.5} Dust	2024	On-Site Emissions	45.24	0.12	1.90E-03	8.58E-02	9.49E-02
		Truck Route	5.48	0.11	1.67E-03	9.13E-03	
	2025	On-Site Emissions	45.24	0.00	0.00E+00	0.00E+00	9.48E-03
		Truck Route	5.48	0.11	1.73E-03	9.48E-03	

Average Annual PM_{2.5} Concentration 0.26

Preschool Receptor - Mitigated

DPM (PM ₁₀ Exhaust)	2024	On-Site Emissions	37.14	0.04	7.08E-04	2.63E-02	2.66E-02
		Truck Route	5.14	0.00	6.23E-05	3.20E-04	
	2025	On-Site Emissions	37.14	0.05	7.46E-04	2.77E-02	2.79E-02
		Truck Route	5.14	0.00	3.13E-05	1.61E-04	

Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations

PM _{2.5} Exhaust	2024	On-Site Emissions	37.14	0.04	6.81E-04	2.53E-02	2.56E-02
		Truck Route	5.14	0.00	5.25E-05	2.70E-04	
	2025	On-Site Emissions	37.14	0.05	7.16E-04	2.66E-02	2.68E-02
		Truck Route	5.14	0.00	3.13E-05	1.61E-04	
PM _{2.5} Dust	2024	On-Site Emissions	45.24	0.12	1.90E-03	8.58E-02	9.28E-02
		Truck Route	5.48	0.08	1.28E-03	7.03E-03	
	2025	On-Site Emissions	45.24	0.00	0.00E+00	0.00E+00	7.09E-03
		Truck Route	5.48	0.08	1.29E-03	7.09E-03	

Average Annual PM_{2.5} Concentration 0.12

Maximum Exposed Receptor (MER) UTM coordinates: 594835.5 E, 4124805.91 N (Receptor ID PS_017).

Fugitive Dust MER UTM coordinates: 594835.5 E, 4124805.91 N (Receptor ID PS_017).

Notes:

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

² Emission Rates from Emission Rate Calculations (Appendix A - Construction Emissions). Conversion from lbs/day to grams/second utilizes 453.592 grams/lb and 28,800 seconds per 8-hour workday.

Construction Health Risk Assessment Calculations

Receptor Group

R
PS
W

Description

Residence (Start Age: 3rd Trimester)
Preschool Student (Start Age: 3 Years)
Worker (Start Age: 16 Years)

Cancer Risk Calculation Equations (OEHA 2015):

A. Equation 5.4.1.1: $\text{Dose-air} = C_{\text{air}} \times \{BR/BW\} \times A \times EF \times 10^{-6}$

1. Dose-air = Dose through inhalation (mg/kg/d)
2. C_{air} = Concentration in air ($\mu\text{g}/\text{m}^3$)
3. $\{BR/BW\}$ = Daily Breathing rate normalized to body weight (L/kg body weight - day)
4. A = Inhalation absorption factor (unitless)
5. EF = Exposure frequency (unitless), days/365 days
6. 10^{-6} = Micrograms to milligrams conversion, liters to cubic meters conversion

Factors	Dose (Dose-air) Factors by Age Bin			
	3rd Trimester	Age: 0<2	Age: 2<9	Age: 16<30
C-air =	Results of AERMOD modeling			
DBR =	361	1090	861	335
A =	1	1	1	1
EF (res) =	0.96	0.96	0.96	0.96
EF (students) =	0.49	0.49	0.49	0.49
EF (workers) =	0.68	0.68	0.68	0.68
10^{-6} =	0.000001	0.000001	0.000001	0.000001

A. Equation 8.2.4 A: $\text{RISK}_{\text{inh-res}} = \text{DOSE}_{\text{air}} \times \text{CPF} \times \text{ASF} \times \text{ED}/\text{AT} \times \text{FAH}$

7. $\text{RISK}_{\text{inh-res}}$ = Residential inhalation cancer risk
8. DOSE_{air} = Daily inhalation dose (mg/kg-day)
9. CPF = Inhalation cancer potency factor ($\text{mg}/\text{kg}\cdot\text{day}^{-1}$)
10. ASF = Age sensitivity factor for a specified age group (unitless)
11. ED = Exposure duration (in years) for a specified age group
12. AT = Averaging time for lifetime cancer risk (years)
13. FAH = Fraction of time spent at home (unitless)

Factors	Carcinogenic Risks ($\text{RISK}_{\text{inh-res}}$) Factors by Age Bin			
	3rd Trimester	Age: 0<2	Age: 2<9	Age: 16<30
Dose-air =	Results of Equation 5.4.1.1			
CPF =	1.1	1.1	1.1	1.1
ASF =	10	10	3	1
2024 ED =	0.25	0.21	0.46	0.46
2025 ED =	-	0.79	0.79	0.79
AT =	30	30	30	30
FAH (res) =	0.85	0.85	0.72	0.73

2024 Construction Duration: 0.46 Year
 2025 Construction Duration: 0.79 Year
 Total Construction Duration: 1.25 Years

Unmitigated Construction Impacts

Source	MEIR DPM Conc. ($\mu\text{g}/\text{m}^3$)	Dose By Age Bin (Equation 5.4.1.1)				Carcinogenic Risks By Age Bin (Equation 8.2.4 A)				Total Cancer Risk per million	Chronic Hazards ³		
		3rd Trimester	Age: 0<2	Age: 2<9	Age: 16<30	3rd Trimester	Age: 0<2	Age: 2<9	Age: 16<30		REL	RESP	
		(mg/kg-day)	(mg/kg-day)	(mg/kg-day)	(mg/kg-day)	per million	per million	per million	per million		($\mu\text{g}/\text{m}^3$)		
Residential Receptor - Unmitigated											30.11	-	0.02
2024	On & Off-Site Emission	9.80E-02	3.39E-05	1.02E-04	-	-	2.64E+00	6.70E+00	-	-	9.35	5.0E+00	0.02
2025	On & Off-Site Emission	8.07E-02	-	8.43E-05	-	-	-	2.08E+01	-	-	20.76	5.0E+00	0.02
Worker Receptor - Unmitigated											0.89	-	0.02
2024	On & Off-Site Emission	9.51E-02	-	-	-	2.18E-05	-	-	-	3.68E-01	0.37	5.0E+00	0.02
2025	On & Off-Site Emission	7.82E-02	-	-	-	1.79E-05	-	-	-	5.20E-01	0.52	5.0E+00	0.02
Preschool Receptor - Unmitigated											11.11	-	0.04
2024	On & Off-Site Emission	1.76E-01	-	-	9.09E-05	-	-	4.60E+00	-	-	4.60	5.0E+00	0.04
2025	On & Off-Site Emission	1.45E-01	-	-	7.49E-05	-	-	6.51E+00	-	-	6.51	5.0E+00	0.03

Notes:

- 1 Inhalation rate taken as the 95th percentile breathing rates (OEHHA, 2015).
- 2 Construction durations determined for each year of construction to adjust receptor exposures to the exposure durations for each construction year (see App A - Construction Emissions).
- 3 Chronic Hazards for DPM using the chronic reference exposure level (REL) for the Respiratory Toxicological Endpoint.

Mitigated Construction Impacts

Source	MEIR DPM Conc. ($\mu\text{g}/\text{m}^3$)	Dose By Age Bin (Equation 5.4.1.1)				Carcinogenic Risks By Age Bin (Equation 8.2.4 A)				Total Cancer Risk per million	Chronic Hazards ³		
		3rd Trimester	Age: 0<2	Age: 2<9	Age: 16<30	3rd Trimester	Age: 0<2	Age: 2<9	Age: 16<30		REL	RESP	
		(mg/kg-day)	(mg/kg-day)	(mg/kg-day)	(mg/kg-day)	per million	per million	per million	per million		($\mu\text{g}/\text{m}^3$)		
Residential Receptor - Mitigated											5.41	-	0.00
2024	On & Off-Site Emission	1.49E-02	5.14E-06	1.55E-05	-	-	4.01E-01	1.02E+00	-	-	1.42	5.0E+00	0.00
2025	On & Off-Site Emission	1.55E-02	-	1.62E-05	-	-	-	3.99E+00	-	-	3.99	5.0E+00	0.00
Worker Receptor - Mitigated											0.16	-	0.00
2024	On & Off-Site Emission	1.47E-02	-	-	-	3.38E-06	-	-	-	5.71E-02	0.06	5.0E+00	0.00
2025	On & Off-Site Emission	1.52E-02	-	-	-	3.48E-06	-	-	-	1.01E-01	0.10	5.0E+00	0.00
Preschool Receptor - Mitigated											1.94	-	0.01
2024	On & Off-Site Emission	2.66E-02	-	-	1.37E-05	-	-	-	6.94E-01	-	0.69	5.0E+00	0.01
2025	On & Off-Site Emission	2.79E-02	-	-	1.44E-05	-	-	-	1.25E+00	-	1.25	5.0E+00	0.01

Notes:

- 1 Inhalation rate taken as the 95th percentile breathing rates (OEHHA, 2015).
- 2 Construction durations determined for each year of construction to adjust receptor exposures to the exposure durations for each construction year (see App A - Construction Emissions).
- 3 Chronic Hazards for DPM using the chronic reference exposure level (REL) for the Respiratory Toxicological Endpoint.

Permitted Stationary Sources within 1,000 feet of the Project Site

Facility ID	Facility Name	Address	Source Type	Notes	Cancer Risk	Hazard Index	Annual PM2.5 Concentration
16517	Verizon Wireless Camden & Union	3151 Union Avenue	Generator		1.07	0.00	0.00
110687	Speedway No. 6693	3010 Union Ave	Gas Dispensing Facility		24.73	0.11	0.00

Existing Permitted Stationary Source Risks Adjusted for Distance to MER

Facility ID	Facility Name	Address	Source Type	Distance to the MER (feet)	Cancer Risk (Adjusted)	Hazard Index (Adjusted)	Annual PM2.5 Concentration (Adjusted)
16517	Verizon Wireless Camden & Union	3151 Union Avenue	Generator	810	0.06	0.00	0.00
110687	Speedway No. 6693	3010 Union Ave	Gas Dispensing Facility	935	0.40	0.00	0.00

Control Pathway

AERMOD

Dispersion Options

Titles SSJ-01 Silverado Project Construction HRA	
Dispersion Options <input type="checkbox"/> Regulatory Default <input checked="" type="checkbox"/> Non-Default Options	Dispersion Coefficient Urban Population: Name (Optional): Roughness Length:
<input checked="" type="checkbox"/> Flat & Elevated Terrain <input type="checkbox"/> No Stack-Tip Downwash (NOSTD) <input type="checkbox"/> Run in Screening Mode <input type="checkbox"/> Conversion of NOx to NO2 (OLM or PVMRM) <input type="checkbox"/> No Checks for Non-Sequential Met Data <input checked="" type="checkbox"/> Fast All Sources (FASTALL) <input type="checkbox"/> Fast Area Sources (FASTAREA) <input type="checkbox"/> Optimized Area Source Plume Depletion <input type="checkbox"/> Gas Deposition	Output Type <input checked="" type="checkbox"/> Concentration <input type="checkbox"/> Total Deposition (Dry & Wet) <input type="checkbox"/> Dry Deposition <input type="checkbox"/> Wet Deposition
<div style="border: 1px solid black; padding: 5px;"> BETA Options: <input type="checkbox"/> Capped and Horizontal Stack Releases <input type="checkbox"/> Adjusted Friction Velocity (u*) in AERMET (ADJ_U*) <input type="checkbox"/> Low Wind Options </div> <input type="checkbox"/> SCIM (Sampled Chronological Input Model) <input type="checkbox"/> Ignore Urban Night / Daytime Transition (NOURBTRAN)	Plume Depletion <input type="checkbox"/> Dry Removal <input type="checkbox"/> Wet Removal
	Output Warnings <input type="checkbox"/> No Output Warnings <input type="checkbox"/> Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type PM2.5	Exponential Decay <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Averaging Time Options Hours <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input type="checkbox"/> 24 <input type="checkbox"/> Month <input checked="" type="checkbox"/> Period <input type="checkbox"/> Annual	Terrain Height Options <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Elevated SO: Meters RE: Meters TG: Meters
Flagpole Receptors <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Default Height = 1.50 m	

Optional Files



Re-Start File



Init File



Multi-Year Analyses



Event Input File



Error Listing File

Detailed Error Listing File

Filename: SSJ-01 Silverado Project.err

Source Pathway - Source Inputs

AERMOD

Polygon Area Sources

Source Type: AREA POLY

Source: SITE.EX (Project Site - Exhaust)

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]
65.35	4.15	0.00012	1.93	4	594755.48	4124906.06
		0.00012			594814.33	4124906.98
		0.00012			594816.62	4124765.60
		0.00012			594758.70	4124765.14

Source Type: AREA POLY

Source: SITE.FD (Project Site - Dust)

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]
65.35	0.00	0.00012	1.93	4	594755.48	4124906.06
		0.00012			594814.33	4124906.98
		0.00012			594816.62	4124765.60
		0.00012			594758.70	4124765.14

Source Pathway - Source Inputs

AERMOD

Line Volume Sources

Source Type: LINE VOLUME

Source: FOX.EX (Foxworthy Ave - Exhaust)

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	1.00000		594481.32	4125048.58	67.33	4.15
			594683.07	4125052.71	65.56	4.15
			594739.69	4125062.46	64.95	4.15
			594779.82	4125065.46	64.61	4.15
			594844.69	4125066.96	64.00	4.15
			594886.95	4125067.14	63.74	4.15
			594949.43	4125064.59	63.38	4.15
			595015.09	4125063.95	63.07	4.15
			595055.26	4125062.68	62.71	4.15
			595108.81	4125063.32	62.46	4.15

Source Type: LINE VOLUME

Source: FOX.FD (Foxworthy Ave - Dust)

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	1.00000		594481.32	4125048.58	67.33	0.00
			594683.07	4125052.71	65.56	0.00
			594739.69	4125062.46	64.95	0.00
			594779.82	4125065.46	64.61	0.00
			594844.69	4125066.96	64.00	0.00
			594886.95	4125067.14	63.74	0.00
			594949.43	4125064.59	63.38	0.00
			595015.09	4125063.95	63.07	0.00
			595055.26	4125062.68	62.71	0.00
			595108.81	4125063.32	62.46	0.00

Source Pathway - Source Inputs

AERMOD

Source Type: LINE VOLUME

Source: UNION.EX (Union Ave - Exhaust)

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	1.00000		594736.88	4125208.03	64.37	4.15
			594751.42	4124457.23	67.96	4.15

Source Type: LINE VOLUME

Source: UNION.FD (Union Ave - Dust)

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	1.00000		594736.88	4125208.03	64.37	0.00
			594751.42	4124457.23	67.96	0.00

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]
FOX.EX	L0000136	594491.31	4125048.79	67.15	4.15	0.03226	20.00		9.30	3.86
	L0000137	594511.31	4125049.20	66.95	4.15	0.03226	20.00		9.30	3.86
	L0000138	594531.31	4125049.61	66.77	4.15	0.03226	20.00		9.30	3.86
	L0000139	594551.30	4125050.01	66.73	4.15	0.03226	20.00		9.30	3.86
	L0000140	594571.30	4125050.42	66.63	4.15	0.03226	20.00		9.30	3.86
	L0000141	594591.29	4125050.83	66.42	4.15	0.03226	20.00		9.30	3.86
	L0000142	594611.29	4125051.24	66.24	4.15	0.03226	20.00		9.30	3.86
	L0000143	594631.29	4125051.65	66.06	4.15	0.03226	20.00		9.30	3.86
	L0000144	594651.28	4125052.06	65.86	4.15	0.03226	20.00		9.30	3.86
	L0000145	594671.28	4125052.47	65.65	4.15	0.03226	20.00		9.30	3.86
	L0000146	594691.16	4125054.10	65.45	4.15	0.03226	20.00		9.30	3.86
	L0000147	594710.87	4125057.49	65.25	4.15	0.03226	20.00		9.30	3.86
	L0000148	594730.58	4125060.89	65.05	4.15	0.03226	20.00		9.30	3.86
	L0000149	594750.41	4125063.26	64.85	4.15	0.03226	20.00		9.30	3.86
	L0000150	594770.36	4125064.75	64.65	4.15	0.03226	20.00		9.30	3.86
	L0000151	594790.33	4125065.70	64.51	4.15	0.03226	20.00		9.30	3.86
	L0000152	594810.32	4125066.16	64.34	4.15	0.03226	20.00		9.30	3.86
	L0000153	594830.32	4125066.63	64.14	4.15	0.03226	20.00		9.30	3.86
	L0000154	594850.31	4125066.98	64.05	4.15	0.03226	20.00		9.30	3.86
	L0000155	594870.31	4125067.07	63.94	4.15	0.03226	20.00		9.30	3.86
	L0000156	594890.31	4125067.01	63.73	4.15	0.03226	20.00		9.30	3.86
	L0000157	594910.29	4125066.19	63.59	4.15	0.03226	20.00		9.30	3.86
	L0000158	594930.28	4125065.37	63.48	4.15	0.03226	20.00		9.30	3.86
	L0000159	594950.26	4125064.58	63.41	4.15	0.03226	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]
FOX.EX	L0000160	594970.26	4125064.39	63.29	4.15	0.03226	20.00		9.30	3.86
	L0000161	594990.26	4125064.20	63.19	4.15	0.03226	20.00		9.30	3.86
	L0000162	595010.26	4125064.00	63.11	4.15	0.03226	20.00		9.30	3.86
	L0000163	595030.25	4125063.47	63.00	4.15	0.03226	20.00		9.30	3.86
	L0000164	595050.24	4125062.84	62.86	4.15	0.03226	20.00		9.30	3.86
	L0000165	595070.24	4125062.86	62.65	4.15	0.03226	20.00		9.30	3.86
	L0000166	595090.23	4125063.10	62.54	4.15	0.03226	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 Dimension [m]	Initial Vertical Dimension [m]
UNION.EX	L0000167	594737.07	4125198.03	64.37	4.15	0.02632	20.00		9.30	3.86
	L0000168	594737.46	4125178.03	64.37	4.15	0.02632	20.00		9.30	3.86
	L0000169	594737.85	4125158.04	64.45	4.15	0.02632	20.00		9.30	3.86
	L0000170	594738.23	4125138.04	64.65	4.15	0.02632	20.00		9.30	3.86
	L0000171	594738.62	4125118.04	64.66	4.15	0.02632	20.00		9.30	3.86
	L0000172	594739.01	4125098.05	64.75	4.15	0.02632	20.00		9.30	3.86
	L0000173	594739.40	4125078.05	64.94	4.15	0.02632	20.00		9.30	3.86
	L0000174	594739.78	4125058.05	64.96	4.15	0.02632	20.00		9.30	3.86
	L0000175	594740.17	4125038.06	65.04	4.15	0.02632	20.00		9.30	3.86
	L0000176	594740.56	4125018.06	65.24	4.15	0.02632	20.00		9.30	3.86
	L0000177	594740.95	4124998.07	65.25	4.15	0.02632	20.00		9.30	3.86
	L0000178	594741.33	4124978.07	65.25	4.15	0.02632	20.00		9.30	3.86
	L0000179	594741.72	4124958.07	65.24	4.15	0.02632	20.00		9.30	3.86
	L0000180	594742.11	4124938.08	65.24	4.15	0.02632	20.00		9.30	3.86
	L0000181	594742.49	4124918.08	65.32	4.15	0.02632	20.00		9.30	3.86
	L0000182	594742.88	4124898.08	65.52	4.15	0.02632	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]
UNION.EX	L0000183	594743.27	4124878.09	65.53	4.15	0.02632	20.00		9.30	3.86
	L0000184	594743.66	4124858.09	65.53	4.15	0.02632	20.00		9.30	3.86
	L0000185	594744.04	4124838.10	65.52	4.15	0.02632	20.00		9.30	3.86
	L0000186	594744.43	4124818.10	65.53	4.15	0.02632	20.00		9.30	3.86
	L0000187	594744.82	4124798.10	65.62	4.15	0.02632	20.00		9.30	3.86
	L0000188	594745.21	4124778.11	65.82	4.15	0.02632	20.00		9.30	3.86
	L0000189	594745.59	4124758.11	66.01	4.15	0.02632	20.00		9.30	3.86
	L0000190	594745.98	4124738.11	66.20	4.15	0.02632	20.00		9.30	3.86
	L0000191	594746.37	4124718.12	66.40	4.15	0.02632	20.00		9.30	3.86
	L0000192	594746.75	4124698.12	66.43	4.15	0.02632	20.00		9.30	3.86
	L0000193	594747.14	4124678.13	66.45	4.15	0.02632	20.00		9.30	3.86
	L0000194	594747.53	4124658.13	66.45	4.15	0.02632	20.00		9.30	3.86
	L0000195	594747.92	4124638.13	66.63	4.15	0.02632	20.00		9.30	3.86
	L0000196	594748.30	4124618.14	66.82	4.15	0.02632	20.00		9.30	3.86
	L0000197	594748.69	4124598.14	66.99	4.15	0.02632	20.00		9.30	3.86
	L0000198	594749.08	4124578.14	67.03	4.15	0.02632	20.00		9.30	3.86
	L0000199	594749.47	4124558.15	67.14	4.15	0.02632	20.00		9.30	3.86
	L0000200	594749.85	4124538.15	67.34	4.15	0.02632	20.00		9.30	3.86
	L0000201	594750.24	4124518.16	67.55	4.15	0.02632	20.00		9.30	3.86
	L0000202	594750.63	4124498.16	67.67	4.15	0.02632	20.00		9.30	3.86
	L0000203	594751.01	4124478.16	67.67	4.15	0.02632	20.00		9.30	3.86
	L0000204	594751.40	4124458.17	67.85	4.15	0.02632	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]
UNION.FD	L0000267	594737.07	4125198.03	64.37	0.00	0.02632	20.00		9.30	0.00

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]
UNION.FD	L0000268	594737.46	4125178.03	64.37	0.00	0.02632	20.00		9.30	0.00
	L0000269	594737.85	4125158.04	64.45	0.00	0.02632	20.00		9.30	0.00
	L0000270	594738.23	4125138.04	64.65	0.00	0.02632	20.00		9.30	0.00
	L0000271	594738.62	4125118.04	64.66	0.00	0.02632	20.00		9.30	0.00
	L0000272	594739.01	4125098.05	64.75	0.00	0.02632	20.00		9.30	0.00
	L0000273	594739.40	4125078.05	64.94	0.00	0.02632	20.00		9.30	0.00
	L0000274	594739.78	4125058.05	64.96	0.00	0.02632	20.00		9.30	0.00
	L0000275	594740.17	4125038.06	65.04	0.00	0.02632	20.00		9.30	0.00
	L0000276	594740.56	4125018.06	65.24	0.00	0.02632	20.00		9.30	0.00
	L0000277	594740.95	4124998.07	65.25	0.00	0.02632	20.00		9.30	0.00
	L0000278	594741.33	4124978.07	65.25	0.00	0.02632	20.00		9.30	0.00
	L0000279	594741.72	4124958.07	65.24	0.00	0.02632	20.00		9.30	0.00
	L0000280	594742.11	4124938.08	65.24	0.00	0.02632	20.00		9.30	0.00
	L0000281	594742.49	4124918.08	65.32	0.00	0.02632	20.00		9.30	0.00
	L0000282	594742.88	4124898.08	65.52	0.00	0.02632	20.00		9.30	0.00
	L0000283	594743.27	4124878.09	65.53	0.00	0.02632	20.00		9.30	0.00
	L0000284	594743.66	4124858.09	65.53	0.00	0.02632	20.00		9.30	0.00
	L0000285	594744.04	4124838.10	65.52	0.00	0.02632	20.00		9.30	0.00
	L0000286	594744.43	4124818.10	65.53	0.00	0.02632	20.00		9.30	0.00
	L0000287	594744.82	4124798.10	65.62	0.00	0.02632	20.00		9.30	0.00
	L0000288	594745.21	4124778.11	65.82	0.00	0.02632	20.00		9.30	0.00
	L0000289	594745.59	4124758.11	66.01	0.00	0.02632	20.00		9.30	0.00
	L0000290	594745.98	4124738.11	66.20	0.00	0.02632	20.00		9.30	0.00
	L0000291	594746.37	4124718.12	66.40	0.00	0.02632	20.00		9.30	0.00
	L0000292	594746.75	4124698.12	66.43	0.00	0.02632	20.00		9.30	0.00

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]
UNION.FD	L0000293	594747.14	4124678.13	66.45	0.00	0.02632	20.00		9.30	0.00
	L0000294	594747.53	4124658.13	66.45	0.00	0.02632	20.00		9.30	0.00
	L0000295	594747.92	4124638.13	66.63	0.00	0.02632	20.00		9.30	0.00
	L0000296	594748.30	4124618.14	66.82	0.00	0.02632	20.00		9.30	0.00
	L0000297	594748.69	4124598.14	66.99	0.00	0.02632	20.00		9.30	0.00
	L0000298	594749.08	4124578.14	67.03	0.00	0.02632	20.00		9.30	0.00
	L0000299	594749.47	4124558.15	67.14	0.00	0.02632	20.00		9.30	0.00
	L0000300	594749.85	4124538.15	67.34	0.00	0.02632	20.00		9.30	0.00
	L0000301	594750.24	4124518.16	67.55	0.00	0.02632	20.00		9.30	0.00
	L0000302	594750.63	4124498.16	67.67	0.00	0.02632	20.00		9.30	0.00
	L0000303	594751.01	4124478.16	67.67	0.00	0.02632	20.00		9.30	0.00
	L0000304	594751.40	4124458.17	67.85	0.00	0.02632	20.00		9.30	0.00

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]
FOX.FD	L0000381	594491.31	4125048.79	67.15	0.00	0.03226	20.00		9.30	0.00
	L0000382	594511.31	4125049.20	66.95	0.00	0.03226	20.00		9.30	0.00
	L0000383	594531.31	4125049.61	66.77	0.00	0.03226	20.00		9.30	0.00
	L0000384	594551.30	4125050.01	66.73	0.00	0.03226	20.00		9.30	0.00
	L0000385	594571.30	4125050.42	66.63	0.00	0.03226	20.00		9.30	0.00
	L0000386	594591.29	4125050.83	66.42	0.00	0.03226	20.00		9.30	0.00
	L0000387	594611.29	4125051.24	66.24	0.00	0.03226	20.00		9.30	0.00
	L0000388	594631.29	4125051.65	66.06	0.00	0.03226	20.00		9.30	0.00
	L0000389	594651.28	4125052.06	65.86	0.00	0.03226	20.00		9.30	0.00
	L0000390	594671.28	4125052.47	65.65	0.00	0.03226	20.00		9.30	0.00
	L0000391	594691.16	4125054.10	65.45	0.00	0.03226	20.00		9.30	0.00

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]
FOX.FD	L0000392	594710.87	4125057.49	65.25	0.00	0.03226	20.00		9.30	0.00
	L0000393	594730.58	4125060.89	65.05	0.00	0.03226	20.00		9.30	0.00
	L0000394	594750.41	4125063.26	64.85	0.00	0.03226	20.00		9.30	0.00
	L0000395	594770.36	4125064.75	64.65	0.00	0.03226	20.00		9.30	0.00
	L0000396	594790.33	4125065.70	64.51	0.00	0.03226	20.00		9.30	0.00
	L0000397	594810.32	4125066.16	64.34	0.00	0.03226	20.00		9.30	0.00
	L0000398	594830.32	4125066.63	64.14	0.00	0.03226	20.00		9.30	0.00
	L0000399	594850.31	4125066.98	64.05	0.00	0.03226	20.00		9.30	0.00
	L0000400	594870.31	4125067.07	63.94	0.00	0.03226	20.00		9.30	0.00
	L0000401	594890.31	4125067.01	63.73	0.00	0.03226	20.00		9.30	0.00
	L0000402	594910.29	4125066.19	63.59	0.00	0.03226	20.00		9.30	0.00
	L0000403	594930.28	4125065.37	63.48	0.00	0.03226	20.00		9.30	0.00
	L0000404	594950.26	4125064.58	63.41	0.00	0.03226	20.00		9.30	0.00
	L0000405	594970.26	4125064.39	63.29	0.00	0.03226	20.00		9.30	0.00
	L0000406	594990.26	4125064.20	63.19	0.00	0.03226	20.00		9.30	0.00
	L0000407	595010.26	4125064.00	63.11	0.00	0.03226	20.00		9.30	0.00
	L0000408	595030.25	4125063.47	63.00	0.00	0.03226	20.00		9.30	0.00
	L0000409	595050.24	4125062.84	62.86	0.00	0.03226	20.00		9.30	0.00
	L0000410	595070.24	4125062.86	62.65	0.00	0.03226	20.00		9.30	0.00
	L0000411	595090.23	4125063.10	62.54	0.00	0.03226	20.00		9.30	0.00

Receptor Pathway

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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	594765.48	4125033.18	W	64.83	
2	594783.72	4125031.76	W	64.71	
3	594794.04	4125034.59	W	64.65	
4	594773.25	4125005.89	W	64.92	
5	594773.40	4124986.94	W	64.92	
6	594699.48	4125024.67	W	65.59	
7	594716.11	4124993.36	W	65.50	
8	594679.69	4125079.16	W	65.54	
9	594679.69	4125108.03	W	65.26	
10	594704.81	4125117.40	W	65.01	
11	594785.47	4125113.91	W	64.28	
12	594786.28	4125095.49	W	64.38	
13	594765.15	4125191.10	W	64.09	
14	594413.88	4124529.11	W	69.49	
15	594413.88	4124549.11	W	69.49	
16	594433.88	4124549.11	W	69.41	
17	594433.88	4124569.11	W	69.28	
18	594453.88	4124569.11	W	69.18	
19	594453.88	4124589.11	W	69.11	
20	594473.88	4124569.11	W	69.16	
21	594473.88	4124589.11	W	68.96	
22	594493.88	4124569.11	W	68.97	
23	594493.88	4124589.11	W	68.91	
24	594513.88	4124549.11	W	68.78	
25	594513.88	4124569.11	W	68.78	
26	594533.88	4124549.11	W	68.57	
27	594533.88	4124569.11	W	68.57	
28	594553.88	4124549.11	W	68.37	
29	594553.88	4124569.11	W	68.37	
30	594573.88	4124549.11	W	68.23	

Receptor Pathway

AERMOD

31	594573.88	4124569.11	W	68.17
32	594593.88	4124549.11	W	68.14
33	594593.88	4124569.11	W	67.96
34	594613.88	4124549.11	W	67.94
35	594613.88	4124569.11	W	67.76
36	594613.88	4124589.11	W	67.76
37	594633.88	4124549.11	W	67.78
38	594633.88	4124569.11	W	67.66
39	594633.88	4124589.11	W	67.58
40	594653.88	4124549.11	W	67.66
41	594653.88	4124569.11	W	67.63
42	594653.88	4124589.11	W	67.43
43	594673.88	4124549.11	W	67.58
44	594673.88	4124569.11	W	67.43
45	594673.88	4124589.11	W	67.23
46	594693.88	4124549.11	W	67.47
47	594693.88	4124569.11	W	67.33
48	594693.88	4124589.11	W	67.13
49	594713.88	4124469.11	W	67.96
50	594713.88	4124489.11	W	67.84
51	594713.88	4124509.11	W	67.64
52	594580.48	4124497.15	W	68.40
53	594580.80	4124483.13	W	68.40
54	594579.60	4124792.04	W	67.50
55	594579.60	4124812.04	W	67.50
56	594599.60	4124792.04	W	67.30
57	594599.60	4124812.04	W	67.28
58	594619.60	4124792.04	W	67.09
59	594619.60	4124812.04	W	67.04
60	594639.60	4124792.04	W	66.89
61	594639.60	4124812.04	W	66.83
62	594639.60	4124832.04	W	66.63
63	594639.60	4124852.04	W	66.58
64	594639.60	4124872.04	W	66.58
65	594659.60	4124792.04	W	66.65
66	594659.60	4124812.04	W	66.58
67	594659.60	4124832.04	W	66.42
68	594659.60	4124852.04	W	66.38

Receptor Pathway

AERMOD

69	594659.60	4124872.04	W	66.38
70	594679.60	4124792.04	W	66.34
71	594679.60	4124812.04	W	66.21
72	594679.60	4124832.04	W	66.18
73	594679.60	4124852.04	W	66.18
74	594679.60	4124872.04	W	66.18
75	594699.60	4124792.04	W	66.12
76	594699.60	4124812.04	W	65.97
77	594699.60	4124832.04	W	65.97
78	594699.60	4124852.04	W	65.97
79	594699.60	4124872.04	W	65.94
80	594719.60	4124792.04	W	65.92
81	594719.60	4124812.04	W	65.77
82	594719.60	4124832.04	W	65.77
83	594719.60	4124852.04	W	65.77
84	594719.60	4124872.04	W	65.73
85	594308.10	4124780.25	W	69.93
86	594170.89	4124787.21	W	70.63
87	594587.24	4124904.99	PS	67.12
88	594607.24	4124924.99	PS	66.91
89	594607.24	4124944.99	PS	66.72
90	594627.24	4124924.99	PS	66.67
91	594627.24	4124944.99	PS	66.51
92	594647.24	4124924.99	PS	66.27
93	594647.24	4124944.99	PS	66.22
94	594667.24	4124924.99	PS	66.01
95	594667.24	4124944.99	PS	66.00
96	594687.24	4124924.99	PS	65.81
97	594687.24	4124944.99	PS	65.80
98	594707.24	4124924.99	PS	65.59
99	594707.24	4124944.99	PS	65.59
100	594727.24	4124924.99	PS	65.40
101	594727.24	4124944.99	PS	65.39
102	594835.50	4124785.91	PS	65.44
103	594835.50	4124805.91	PS	65.23
104	594835.50	4124825.91	PS	65.21
105	594835.50	4124845.91	PS	65.12
106	594835.50	4124865.91	PS	64.93

Receptor Pathway

AERMOD

107	594835.50	4124885.91	PS	64.91
108	594835.50	4124905.91	PS	64.81
109	594855.50	4124785.91	PS	65.44
110	594855.50	4124805.91	PS	65.23
111	594855.50	4124825.91	PS	65.08
112	594855.50	4124845.91	PS	64.98
113	594855.50	4124865.91	PS	64.92
114	594855.50	4124885.91	PS	64.78
115	594855.50	4124905.91	PS	64.67
116	594875.50	4124785.91	PS	65.35
117	594875.50	4124805.91	PS	65.23
118	594875.50	4124825.91	PS	65.03
119	594875.50	4124845.91	PS	64.88
120	594875.50	4124865.91	PS	64.80
121	594875.50	4124885.91	PS	64.68
122	594875.50	4124905.91	PS	64.58
123	594895.50	4124785.91	PS	65.22
124	594895.50	4124805.91	PS	65.20
125	594895.50	4124825.91	PS	65.02
126	594895.50	4124845.91	PS	64.83
127	594895.50	4124865.91	PS	64.62
128	594895.50	4124885.91	PS	64.60
129	594895.50	4124905.91	PS	64.51
130	594915.50	4124785.91	PS	65.16
131	594915.50	4124805.91	PS	65.00
132	594915.50	4124825.91	PS	64.95
133	594915.50	4124845.91	PS	64.83
134	594915.50	4124865.91	PS	64.62
135	594915.50	4124885.91	PS	64.47
136	594915.50	4124905.91	PS	64.37
137	594935.50	4124785.91	PS	65.05
138	594935.50	4124805.91	PS	64.93
139	594935.50	4124825.91	PS	64.84
140	594935.50	4124845.91	PS	64.74
141	594935.50	4124865.91	PS	64.62
142	594935.50	4124885.91	PS	64.42
143	594935.50	4124905.91	PS	64.27
144	594955.50	4124785.91	PS	64.91

Receptor Pathway

AERMOD

145	594955.50	4124805.91	PS	64.90
146	594955.50	4124825.91	PS	64.72
147	594955.50	4124845.91	PS	64.61
148	594955.50	4124865.91	PS	64.59
149	594955.50	4124885.91	PS	64.41
150	594955.50	4124905.91	PS	64.22
151	594975.50	4124785.91	PS	64.85
152	594975.50	4124805.91	PS	64.70
153	594975.50	4124825.91	PS	64.64
154	594975.50	4124845.91	PS	64.55
155	594975.50	4124865.91	PS	64.39
156	594975.50	4124885.91	PS	64.34
157	594975.50	4124905.91	PS	64.22
158	594995.50	4124785.91	PS	64.74
159	594995.50	4124805.91	PS	64.62
160	594995.50	4124825.91	PS	64.54
161	594995.50	4124845.91	PS	64.44
162	594995.50	4124865.91	PS	64.32
163	594995.50	4124885.91	PS	64.23
164	594995.50	4124905.91	PS	64.09
165	594491.23	4124632.57	PS	68.70
166	594491.23	4124652.57	PS	68.70
167	594491.23	4124672.57	PS	68.70
168	594491.23	4124692.57	PS	68.70
169	594491.23	4124712.57	PS	68.70
170	594491.23	4124732.57	PS	68.54
171	594491.23	4124752.57	PS	68.40
172	594511.23	4124612.57	PS	68.64
173	594511.23	4124632.57	PS	68.50
174	594511.23	4124652.57	PS	68.50
175	594511.23	4124672.57	PS	68.50
176	594511.23	4124692.57	PS	68.50
177	594511.23	4124712.57	PS	68.50
178	594511.23	4124732.57	PS	68.33
179	594511.23	4124752.57	PS	68.19
180	594531.23	4124612.57	PS	68.44
181	594531.23	4124632.57	PS	68.29
182	594531.23	4124652.57	PS	68.29

Receptor Pathway

AERMOD

183	594531.23	4124672.57	PS	68.29
184	594531.23	4124692.57	PS	68.29
185	594531.23	4124712.57	PS	68.29
186	594531.23	4124732.57	PS	68.13
187	594531.23	4124752.57	PS	67.99
188	594551.23	4124612.57	PS	68.23
189	594551.23	4124632.57	PS	68.09
190	594551.23	4124652.57	PS	68.09
191	594551.23	4124672.57	PS	68.09
192	594551.23	4124692.57	PS	68.09
193	594551.23	4124712.57	PS	68.09
194	594551.23	4124732.57	PS	67.93
195	594551.23	4124752.57	PS	67.79
196	594571.23	4124612.57	PS	68.07
197	594571.23	4124632.57	PS	67.95
198	594571.23	4124652.57	PS	67.90
199	594571.23	4124672.57	PS	67.89
200	594571.23	4124692.57	PS	67.89
201	594571.23	4124712.57	PS	67.89
202	594571.23	4124732.57	PS	67.72
203	594571.23	4124752.57	PS	67.58
204	594591.23	4124612.57	PS	67.98
205	594591.23	4124632.57	PS	67.91
206	594591.23	4124652.57	PS	67.72
207	594591.23	4124672.57	PS	67.69
208	594591.23	4124692.57	PS	67.69
209	594591.23	4124712.57	PS	67.69
210	594591.23	4124732.57	PS	67.52
211	594591.23	4124752.57	PS	67.38
212	594611.23	4124632.57	PS	67.72
213	594611.23	4124652.57	PS	67.52
214	594611.23	4124672.57	PS	67.48
215	594611.23	4124692.57	PS	67.44
216	594611.23	4124712.57	PS	67.32
217	594611.23	4124732.57	PS	67.23
218	594611.23	4124752.57	PS	67.18
219	594631.23	4124632.57	PS	67.52
220	594631.23	4124652.57	PS	67.32

Receptor Pathway

AERMOD

221	594631.23	4124672.57	PS	67.28
222	594631.23	4124692.57	PS	67.23
223	594631.23	4124712.57	PS	67.09
224	594631.23	4124732.57	PS	67.01
225	594631.23	4124752.57	PS	66.97
226	594651.23	4124632.57	PS	67.32
227	594651.23	4124652.57	PS	67.12
228	594651.23	4124672.57	PS	67.08
229	594651.23	4124692.57	PS	67.07
230	594651.23	4124712.57	PS	67.06
231	594651.23	4124732.57	PS	66.90
232	594651.23	4124752.57	PS	66.77
233	594671.23	4124632.57	PS	67.15
234	594671.23	4124652.57	PS	67.07
235	594671.23	4124672.57	PS	66.96
236	594671.23	4124692.57	PS	66.87
237	594671.23	4124712.57	PS	66.87
238	594671.23	4124732.57	PS	66.71
239	594671.23	4124752.57	PS	66.57
240	594691.23	4124632.57	PS	66.97
241	594691.23	4124652.57	PS	66.97
242	594691.23	4124672.57	PS	66.85
243	594691.23	4124692.57	PS	66.73
244	594691.23	4124712.57	PS	66.68
245	594691.23	4124732.57	PS	66.55
246	594691.23	4124752.57	PS	66.43
247	594711.23	4124632.57	PS	66.77
248	594711.23	4124652.57	PS	66.77
249	594711.23	4124672.57	PS	66.76
250	594711.23	4124692.57	PS	66.69
251	594711.23	4124712.57	PS	66.50
252	594711.23	4124732.57	PS	66.46
253	594711.23	4124752.57	PS	66.39
254	594731.23	4124632.57	PS	66.71
255	594731.23	4124652.57	PS	66.59
256	594731.23	4124672.57	PS	66.57
257	594731.23	4124692.57	PS	66.54
258	594731.23	4124712.57	PS	66.46

Receptor Pathway

AERMOD

259	594731.23	4124732.57	PS	66.35
260	594731.23	4124752.57	PS	66.20
261	594764.47	4124544.05	R	67.28
262	594764.47	4124564.05	R	67.08
263	594764.47	4124584.05	R	66.93
264	594764.47	4124604.05	R	66.82
265	594764.47	4124624.05	R	66.76
266	594764.47	4124644.05	R	66.57
267	594764.47	4124664.05	R	66.45
268	594764.47	4124684.05	R	66.45
269	594764.47	4124704.05	R	66.32
270	594764.47	4124724.05	R	66.15
271	594764.47	4124744.05	R	65.95
272	594764.47	4124944.05	R	65.10
273	594764.47	4124964.05	R	65.01
274	594764.47	4124984.05	R	65.01
275	594764.47	4125004.05	R	65.01
276	594764.47	4125024.05	R	64.93
277	594764.47	4125044.05	R	64.73
278	594764.47	4125064.05	R	64.71
279	594764.47	4125084.05	R	64.63
280	594764.47	4125104.05	R	64.43
281	594764.47	4125124.05	R	64.40
282	594764.47	4125144.05	R	64.32
283	594764.47	4125164.05	R	64.12
284	594764.47	4125184.05	R	64.10
285	594764.47	4125204.05	R	64.10
286	594764.47	4125224.05	R	64.10
287	594764.47	4125244.05	R	64.10
288	594764.47	4125264.05	R	64.10
289	594784.47	4124544.05	R	67.28
290	594784.47	4124564.05	R	67.08
291	594784.47	4124584.05	R	66.88
292	594784.47	4124604.05	R	66.72
293	594784.47	4124624.05	R	66.65
294	594784.47	4124644.05	R	66.53
295	594784.47	4124664.05	R	66.42
296	594784.47	4124684.05	R	66.34

Receptor Pathway

AERMOD

297	594784.47	4124704.05	R	66.22
298	594784.47	4124724.05	R	66.06
299	594784.47	4124744.05	R	65.86
300	594784.47	4124944.05	R	65.00
301	594784.47	4124964.05	R	64.89
302	594784.47	4124984.05	R	64.82
303	594784.47	4125004.05	R	64.81
304	594784.47	4125024.05	R	64.76
305	594784.47	4125044.05	R	64.63
306	594784.47	4125064.05	R	64.55
307	594784.47	4125084.05	R	64.45
308	594784.47	4125104.05	R	64.33
309	594784.47	4125124.05	R	64.25
310	594784.47	4125144.05	R	64.15
311	594784.47	4125164.05	R	64.02
312	594784.47	4125184.05	R	63.94
313	594784.47	4125204.05	R	63.89
314	594784.47	4125224.05	R	63.89
315	594784.47	4125244.05	R	63.89
316	594784.47	4125264.05	R	63.89
317	594804.47	4124524.05	R	67.35
318	594804.47	4124544.05	R	67.27
319	594804.47	4124564.05	R	67.08
320	594804.47	4124584.05	R	66.88
321	594804.47	4124604.05	R	66.67
322	594804.47	4124624.05	R	66.47
323	594804.47	4124644.05	R	66.45
324	594804.47	4124664.05	R	66.37
325	594804.47	4124684.05	R	66.17
326	594804.47	4124704.05	R	66.13
327	594804.47	4124724.05	R	66.05
328	594804.47	4124744.05	R	65.86
329	594804.47	4124944.05	R	64.91
330	594804.47	4124964.05	R	64.84
331	594804.47	4124984.05	R	64.64
332	594804.47	4125004.05	R	64.61
333	594804.47	4125024.05	R	64.60
334	594804.47	4125044.05	R	64.60

Receptor Pathway

AERMOD

335	594804.47	4125064.05	R	64.43
336	594804.47	4125084.05	R	64.30
337	594804.47	4125104.05	R	64.30
338	594804.47	4125124.05	R	64.12
339	594804.47	4125144.05	R	63.99
340	594804.47	4125164.05	R	63.99
341	594804.47	4125184.05	R	63.82
342	594804.47	4125204.05	R	63.69
343	594804.47	4125224.05	R	63.69
344	594804.47	4125244.05	R	63.69
345	594804.47	4125264.05	R	63.69
346	594824.47	4124504.05	R	67.39
347	594824.47	4124524.05	R	67.23
348	594824.47	4124544.05	R	67.12
349	594824.47	4124564.05	R	67.06
350	594824.47	4124584.05	R	66.88
351	594824.47	4124604.05	R	66.67
352	594824.47	4124624.05	R	66.47
353	594824.47	4124644.05	R	66.45
354	594824.47	4124664.05	R	66.37
355	594824.47	4124684.05	R	66.17
356	594824.47	4124704.05	R	66.01
357	594824.47	4124724.05	R	65.90
358	594824.47	4124744.05	R	65.84
359	594824.47	4124924.05	R	64.72
360	594824.47	4124944.05	R	64.71
361	594824.47	4124964.05	R	64.68
362	594824.47	4124984.05	R	64.62
363	594824.47	4125004.05	R	64.49
364	594824.47	4125024.05	R	64.40
365	594824.47	4125044.05	R	64.40
366	594824.47	4125064.05	R	64.22
367	594824.47	4125084.05	R	64.10
368	594824.47	4125104.05	R	64.10
369	594824.47	4125124.05	R	63.92
370	594824.47	4125144.05	R	63.79
371	594824.47	4125164.05	R	63.79
372	594824.47	4125184.05	R	63.61

Receptor Pathway

AERMOD

373	594824.47	4125204.05	R	63.49
374	594824.47	4125224.05	R	63.49
375	594824.47	4125244.05	R	63.49
376	594824.47	4125264.05	R	63.43
377	594844.47	4124484.05	R	67.50
378	594844.47	4124504.05	R	67.38
379	594844.47	4124524.05	R	67.18
380	594844.47	4124544.05	R	67.03
381	594844.47	4124564.05	R	66.95
382	594844.47	4124584.05	R	66.83
383	594844.47	4124604.05	R	66.67
384	594844.47	4124624.05	R	66.47
385	594844.47	4124644.05	R	66.38
386	594844.47	4124664.05	R	66.28
387	594844.47	4124684.05	R	66.16
388	594844.47	4124704.05	R	65.96
389	594844.47	4124724.05	R	65.81
390	594844.47	4124744.05	R	65.73
391	594844.47	4124924.05	R	64.63
392	594844.47	4124944.05	R	64.55
393	594844.47	4124964.05	R	64.50
394	594844.47	4124984.05	R	64.50
395	594844.47	4125004.05	R	64.39
396	594844.47	4125024.05	R	64.28
397	594844.47	4125044.05	R	64.21
398	594844.47	4125064.05	R	64.09
399	594844.47	4125084.05	R	63.98
400	594844.47	4125104.05	R	63.90
401	594844.47	4125124.05	R	63.78
402	594844.47	4125144.05	R	63.67
403	594844.47	4125164.05	R	63.60
404	594844.47	4125184.05	R	63.48
405	594844.47	4125204.05	R	63.37
406	594844.47	4125224.05	R	63.29
407	594844.47	4125244.05	R	63.28
408	594844.47	4125264.05	R	63.21
409	594864.47	4124484.05	R	67.36
410	594864.47	4124504.05	R	67.35

Receptor Pathway

AERMOD

411	594864.47	4124524.05	R	67.17
412	594864.47	4124544.05	R	66.97
413	594864.47	4124564.05	R	66.77
414	594864.47	4124584.05	R	66.74
415	594864.47	4124604.05	R	66.66
416	594864.47	4124624.05	R	66.46
417	594864.47	4124644.05	R	66.26
418	594864.47	4124664.05	R	66.14
419	594864.47	4124684.05	R	66.13
420	594864.47	4124704.05	R	65.96
421	594864.47	4124724.05	R	65.76
422	594864.47	4124744.05	R	65.56
423	594864.47	4124924.05	R	64.61
424	594864.47	4124944.05	R	64.43
425	594864.47	4124964.05	R	64.31
426	594864.47	4124984.05	R	64.30
427	594864.47	4125004.05	R	64.30
428	594864.47	4125024.05	R	64.22
429	594864.47	4125044.05	R	64.02
430	594864.47	4125064.05	R	63.99
431	594864.47	4125084.05	R	63.92
432	594864.47	4125104.05	R	63.71
433	594864.47	4125124.05	R	63.69
434	594864.47	4125144.05	R	63.61
435	594864.47	4125164.05	R	63.41
436	594864.47	4125184.05	R	63.38
437	594864.47	4125204.05	R	63.31
438	594864.47	4125224.05	R	63.10
439	594864.47	4125244.05	R	63.08
440	594864.47	4125264.05	R	63.00
441	594884.47	4124484.05	R	67.31
442	594884.47	4124504.05	R	67.16
443	594884.47	4124524.05	R	66.97
444	594884.47	4124544.05	R	66.82
445	594884.47	4124564.05	R	66.76
446	594884.47	4124584.05	R	66.62
447	594884.47	4124604.05	R	66.46
448	594884.47	4124624.05	R	66.25

Receptor Pathway

AERMOD

449	594884.47	4124644.05	R	66.18
450	594884.47	4124664.05	R	66.09
451	594884.47	4124684.05	R	65.94
452	594884.47	4124704.05	R	65.87
453	594884.47	4124724.05	R	65.76
454	594884.47	4124744.05	R	65.56
455	594884.47	4124924.05	R	64.42
456	594884.47	4124944.05	R	64.35
457	594884.47	4124964.05	R	64.26
458	594884.47	4124984.05	R	64.11
459	594884.47	4125004.05	R	64.10
460	594884.47	4125024.05	R	64.02
461	594884.47	4125044.05	R	63.82
462	594884.47	4125064.05	R	63.79
463	594884.47	4125084.05	R	63.71
464	594884.47	4125104.05	R	63.51
465	594884.47	4125124.05	R	63.49
466	594884.47	4125144.05	R	63.41
467	594884.47	4125164.05	R	63.21
468	594884.47	4125184.05	R	63.18
469	594884.47	4125204.05	R	63.10
470	594884.47	4125224.05	R	62.90
471	594884.47	4125244.05	R	62.88
472	594884.47	4125264.05	R	62.80
473	594904.47	4124484.05	R	67.17
474	594904.47	4124504.05	R	66.97
475	594904.47	4124524.05	R	66.83
476	594904.47	4124544.05	R	66.72
477	594904.47	4124564.05	R	66.65
478	594904.47	4124584.05	R	66.53
479	594904.47	4124604.05	R	66.37
480	594904.47	4124624.05	R	66.17
481	594904.47	4124644.05	R	66.07
482	594904.47	4124664.05	R	65.98
483	594904.47	4124684.05	R	65.85
484	594904.47	4124704.05	R	65.77
485	594904.47	4124724.05	R	65.64
486	594904.47	4124744.05	R	65.44

Receptor Pathway

AERMOD

487	594904.47	4124924.05	R	64.33
488	594904.47	4124944.05	R	64.25
489	594904.47	4124964.05	R	64.15
490	594904.47	4124984.05	R	64.02
491	594904.47	4125004.05	R	63.94
492	594904.47	4125024.05	R	63.85
493	594904.47	4125044.05	R	63.72
494	594904.47	4125064.05	R	63.64
495	594904.47	4125084.05	R	63.54
496	594904.47	4125104.05	R	63.41
497	594904.47	4125124.05	R	63.33
498	594904.47	4125144.05	R	63.24
499	594904.47	4125164.05	R	63.11
500	594904.47	4125184.05	R	63.03
501	594904.47	4125204.05	R	62.93
502	594904.47	4125224.05	R	62.80
503	594904.47	4125244.05	R	62.72
504	594904.47	4125264.05	R	62.63
505	594924.47	4124484.05	R	66.98
506	594924.47	4124504.05	R	66.78
507	594924.47	4124524.05	R	66.74
508	594924.47	4124544.05	R	66.66
509	594924.47	4124564.05	R	66.47
510	594924.47	4124584.05	R	66.44
511	594924.47	4124604.05	R	66.36
512	594924.47	4124624.05	R	66.17
513	594924.47	4124644.05	R	65.96
514	594924.47	4124664.05	R	65.83
515	594924.47	4124684.05	R	65.82
516	594924.47	4124704.05	R	65.65
517	594924.47	4124724.05	R	65.46
518	594924.47	4124744.05	R	65.25
519	594924.47	4124924.05	R	64.30
520	594924.47	4124944.05	R	64.13
521	594924.47	4124964.05	R	64.00
522	594924.47	4124984.05	R	64.00
523	594924.47	4125004.05	R	63.82
524	594924.47	4125024.05	R	63.70

Receptor Pathway

AERMOD

525	594924.47	4125044.05	R	63.69
526	594924.47	4125064.05	R	63.52
527	594924.47	4125084.05	R	63.40
528	594924.47	4125104.05	R	63.39
529	594924.47	4125124.05	R	63.21
530	594924.47	4125144.05	R	63.09
531	594924.47	4125164.05	R	63.08
532	594924.47	4125184.05	R	62.90
533	594924.47	4125204.05	R	62.78
534	594924.47	4125224.05	R	62.78
535	594924.47	4125244.05	R	62.60
536	594924.47	4125264.05	R	62.47
537	594944.47	4124484.05	R	66.98
538	594944.47	4124504.05	R	66.78
539	594944.47	4124524.05	R	66.62
540	594944.47	4124544.05	R	66.51
541	594944.47	4124564.05	R	66.45
542	594944.47	4124584.05	R	66.32
543	594944.47	4124604.05	R	66.21
544	594944.47	4124624.05	R	66.15
545	594944.47	4124644.05	R	65.96
546	594944.47	4124664.05	R	65.78
547	594944.47	4124684.05	R	65.64
548	594944.47	4124704.05	R	65.57
549	594944.47	4124724.05	R	65.46
550	594944.47	4124744.05	R	65.25
551	594944.47	4124924.05	R	64.11
552	594944.47	4124944.05	R	64.04
553	594944.47	4124964.05	R	63.95
554	594944.47	4124984.05	R	63.81
555	594944.47	4125004.05	R	63.74
556	594944.47	4125024.05	R	63.65
557	594944.47	4125044.05	R	63.50
558	594944.47	4125064.05	R	63.43
559	594944.47	4125084.05	R	63.34
560	594944.47	4125104.05	R	63.20
561	594944.47	4125124.05	R	63.13
562	594944.47	4125144.05	R	63.04

Receptor Pathway

AERMOD

563	594944.47	4125164.05	R	62.89
564	594944.47	4125184.05	R	62.70
565	594944.47	4125204.05	R	62.57
566	594944.47	4125224.05	R	62.57
567	594944.47	4125244.05	R	62.39
568	594944.47	4125264.05	R	62.27
569	594964.47	4124484.05	R	66.89
570	594964.47	4124504.05	R	66.77
571	594964.47	4124524.05	R	66.57
572	594964.47	4124544.05	R	66.42
573	594964.47	4124564.05	R	66.34
574	594964.47	4124584.05	R	66.22
575	594964.47	4124604.05	R	66.11
576	594964.47	4124624.05	R	66.04
577	594964.47	4124644.05	R	65.92
578	594964.47	4124664.05	R	65.76
579	594964.47	4124684.05	R	65.56
580	594964.47	4124704.05	R	65.46
581	594964.47	4124724.05	R	65.37
582	594964.47	4124744.05	R	65.24
583	594964.47	4124924.05	R	64.03
584	594964.47	4124944.05	R	63.94
585	594964.47	4124964.05	R	63.85
586	594964.47	4124984.05	R	63.72
587	594964.47	4125004.05	R	63.64
588	594964.47	4125024.05	R	63.54
589	594964.47	4125044.05	R	63.41
590	594964.47	4125064.05	R	63.33
591	594964.47	4125084.05	R	63.24
592	594964.47	4125104.05	R	63.11
593	594964.47	4125124.05	R	63.03
594	594964.47	4125144.05	R	62.90
595	594964.47	4125164.05	R	62.70
596	594964.47	4125184.05	R	62.56
597	594964.47	4125204.05	R	62.46
598	594964.47	4125224.05	R	62.38
599	594964.47	4125244.05	R	62.26
600	594964.47	4125264.05	R	62.15

Receptor Pathway

AERMOD

601	594984.47	4124484.05	R	66.75
602	594984.47	4124504.05	R	66.74
603	594984.47	4124524.05	R	66.56
604	594984.47	4124544.05	R	66.36
605	594984.47	4124564.05	R	66.17
606	594984.47	4124584.05	R	66.13
607	594984.47	4124604.05	R	66.05
608	594984.47	4124624.05	R	65.86
609	594984.47	4124644.05	R	65.83
610	594984.47	4124664.05	R	65.75
611	594984.47	4124684.05	R	65.54
612	594984.47	4124704.05	R	65.35
613	594984.47	4124724.05	R	65.22
614	594984.47	4124744.05	R	65.21
615	594984.47	4124924.05	R	64.02
616	594984.47	4124944.05	R	63.82
617	594984.47	4124964.05	R	63.70
618	594984.47	4124984.05	R	63.69
619	594984.47	4125004.05	R	63.52
620	594984.47	4125024.05	R	63.40
621	594984.47	4125044.05	R	63.39
622	594984.47	4125064.05	R	63.21
623	594984.47	4125084.05	R	63.09
624	594984.47	4125104.05	R	63.08
625	594984.47	4125124.05	R	62.91
626	594984.47	4125144.05	R	62.71
627	594984.47	4125164.05	R	62.51
628	594984.47	4125184.05	R	62.48
629	594984.47	4125204.05	R	62.40
630	594984.47	4125224.05	R	62.20
631	594984.47	4125244.05	R	62.17
632	594984.47	4125264.05	R	62.09
633	595004.47	4124484.05	R	66.70
634	595004.47	4124504.05	R	66.55
635	595004.47	4124524.05	R	66.36
636	595004.47	4124544.05	R	66.21
637	595004.47	4124564.05	R	66.15
638	595004.47	4124584.05	R	66.01

Receptor Pathway

AERMOD

639	595004.47	4124604.05	R	65.90
640	595004.47	4124624.05	R	65.84
641	595004.47	4124644.05	R	65.71
642	595004.47	4124664.05	R	65.54
643	595004.47	4124684.05	R	65.34
644	595004.47	4124704.05	R	65.26
645	595004.47	4124724.05	R	65.17
646	595004.47	4124744.05	R	65.03
647	595004.47	4124924.05	R	63.82
648	595004.47	4124944.05	R	63.74
649	595004.47	4124964.05	R	63.65
650	595004.47	4124984.05	R	63.50
651	595004.47	4125004.05	R	63.43
652	595004.47	4125024.05	R	63.34
653	595004.47	4125044.05	R	63.20
654	595004.47	4125064.05	R	63.13
655	595004.47	4125084.05	R	63.04
656	595004.47	4125104.05	R	62.89
657	595004.47	4125124.05	R	62.83
658	595004.47	4125144.05	R	62.71
659	595004.47	4125164.05	R	62.51
660	595004.47	4125184.05	R	62.36
661	595004.47	4125204.05	R	62.25
662	595004.47	4125224.05	R	62.19
663	595004.47	4125244.05	R	62.05
664	595004.47	4125264.05	R	61.89
665	595024.47	4124484.05	R	66.59
666	595024.47	4124504.05	R	66.46
667	595024.47	4124524.05	R	66.27
668	595024.47	4124544.05	R	66.11
669	595024.47	4124564.05	R	66.04
670	595024.47	4124584.05	R	65.92
671	595024.47	4124604.05	R	65.81
672	595024.47	4124624.05	R	65.73
673	595024.47	4124644.05	R	65.61
674	595024.47	4124664.05	R	65.46
675	595024.47	4124684.05	R	65.25
676	595024.47	4124704.05	R	65.16

Receptor Pathway

AERMOD

677	595024.47	4124724.05	R	65.06
678	595024.47	4124744.05	R	64.94
679	595024.47	4124764.05	R	64.74
680	595024.47	4124784.05	R	64.59
681	595024.47	4124804.05	R	64.51
682	595024.47	4124824.05	R	64.39
683	595024.47	4124844.05	R	64.28
684	595024.47	4124864.05	R	64.21
685	595024.47	4124884.05	R	64.02
686	595024.47	4124904.05	R	63.85
687	595024.47	4124924.05	R	63.72
688	595024.47	4124944.05	R	63.64
689	595024.47	4124964.05	R	63.54
690	595024.47	4124984.05	R	63.41
691	595024.47	4125004.05	R	63.33
692	595024.47	4125024.05	R	63.24
693	595024.47	4125044.05	R	63.11
694	595024.47	4125064.05	R	63.03
695	595024.47	4125084.05	R	62.93
696	595024.47	4125104.05	R	62.80
697	595024.47	4125124.05	R	62.72
698	595024.47	4125144.05	R	62.60
699	595024.47	4125164.05	R	62.39
700	595024.47	4125184.05	R	62.26
701	595024.47	4125204.05	R	62.15
702	595024.47	4125224.05	R	62.07
703	595024.47	4125244.05	R	61.89
704	595024.47	4125264.05	R	61.71
705	595044.47	4124484.05	R	66.44
706	595044.47	4124504.05	R	66.43
707	595044.47	4124524.05	R	66.26
708	595044.47	4124544.05	R	66.06
709	595044.47	4124564.05	R	65.86
710	595044.47	4124584.05	R	65.83
711	595044.47	4124604.05	R	65.75
712	595044.47	4124624.05	R	65.56
713	595044.47	4124644.05	R	65.52
714	595044.47	4124664.05	R	65.44

Receptor Pathway

AERMOD

715	595044.47	4124684.05	R	65.24
716	595044.47	4124704.05	R	65.04
717	595044.47	4124724.05	R	64.92
718	595044.47	4124744.05	R	64.91
719	595044.47	4124764.05	R	64.73
720	595044.47	4124784.05	R	64.53
721	595044.47	4124804.05	R	64.34
722	595044.47	4124824.05	R	64.30
723	595044.47	4124844.05	R	64.23
724	595044.47	4124864.05	R	64.03
725	595044.47	4124884.05	R	63.83
726	595044.47	4124904.05	R	63.70
727	595044.47	4124924.05	R	63.69
728	595044.47	4124944.05	R	63.52
729	595044.47	4124964.05	R	63.40
730	595044.47	4124984.05	R	63.39
731	595044.47	4125004.05	R	63.21
732	595044.47	4125024.05	R	63.08
733	595044.47	4125044.05	R	63.08
734	595044.47	4125064.05	R	62.90
735	595044.47	4125084.05	R	62.78
736	595044.47	4125104.05	R	62.78
737	595044.47	4125124.05	R	62.60
738	595044.47	4125144.05	R	62.40
739	595044.47	4125164.05	R	62.20
740	595044.47	4125184.05	R	62.17
741	595044.47	4125204.05	R	62.09
742	595044.47	4125224.05	R	61.89
743	595044.47	4125244.05	R	61.68
744	595044.47	4125264.05	R	61.56
745	595064.47	4124484.05	R	66.39
746	595064.47	4124504.05	R	66.25
747	595064.47	4124524.05	R	66.18
748	595064.47	4124544.05	R	66.06
749	595064.47	4124564.05	R	65.86
750	595064.47	4124584.05	R	65.71
751	595064.47	4124604.05	R	65.60
752	595064.47	4124624.05	R	65.54

Receptor Pathway

AERMOD

753	595064.47	4124644.05	R	65.41
754	595064.47	4124664.05	R	65.24
755	595064.47	4124684.05	R	65.04
756	595064.47	4124704.05	R	64.96
757	595064.47	4124724.05	R	64.87
758	595064.47	4124744.05	R	64.72
759	595064.47	4124764.05	R	64.53
760	595064.47	4124784.05	R	64.38
761	595064.47	4124804.05	R	64.32
762	595064.47	4124824.05	R	64.19
763	595064.47	4124844.05	R	64.07
764	595064.47	4124864.05	R	64.02
765	595064.47	4124884.05	R	63.83
766	595064.47	4124904.05	R	63.65
767	595064.47	4124924.05	R	63.50
768	595064.47	4124944.05	R	63.43
769	595064.47	4124964.05	R	63.34
770	595064.47	4124984.05	R	63.20
771	595064.47	4125004.05	R	63.00
772	595064.47	4125024.05	R	62.88
773	595064.47	4125044.05	R	62.88
774	595064.47	4125064.05	R	62.70
775	595064.47	4125084.05	R	62.57
776	595064.47	4125104.05	R	62.57
777	595064.47	4125124.05	R	62.39
778	595064.47	4125144.05	R	62.25
779	595064.47	4125164.05	R	62.19
780	595064.47	4125184.05	R	62.05
781	595064.47	4125204.05	R	61.89
782	595064.47	4125224.05	R	61.68
783	595064.47	4125244.05	R	61.48
784	595064.47	4125264.05	R	61.35
785	595084.47	4124484.05	R	66.28
786	595084.47	4124504.05	R	66.16
787	595084.47	4124524.05	R	66.07
788	595084.47	4124544.05	R	65.98
789	595084.47	4124564.05	R	65.85
790	595084.47	4124584.05	R	65.66

Receptor Pathway

AERMOD

791	595084.47	4124604.05	R	65.50
792	595084.47	4124624.05	R	65.43
793	595084.47	4124644.05	R	65.24
794	595084.47	4124664.05	R	65.06
795	595084.47	4124684.05	R	64.94
796	595084.47	4124704.05	R	64.86
797	595084.47	4124724.05	R	64.73
798	595084.47	4124744.05	R	64.53
799	595084.47	4124764.05	R	64.39
800	595084.47	4124784.05	R	64.28
801	595084.47	4124804.05	R	64.21
802	595084.47	4124824.05	R	64.09
803	595084.47	4124844.05	R	63.98
804	595084.47	4124864.05	R	63.90
805	595084.47	4124884.05	R	63.71
806	595084.47	4124904.05	R	63.54
807	595084.47	4124924.05	R	63.41
808	595084.47	4124944.05	R	63.33
809	595084.47	4124964.05	R	63.21
810	595084.47	4124984.05	R	63.00
811	595084.47	4125004.05	R	62.87
812	595084.47	4125024.05	R	62.76
813	595084.47	4125044.05	R	62.68
814	595084.47	4125064.05	R	62.56
815	595084.47	4125084.05	R	62.46
816	595084.47	4125104.05	R	62.38
817	595084.47	4125124.05	R	62.26
818	595084.47	4125144.05	R	62.15
819	595084.47	4125164.05	R	62.07
820	595084.47	4125184.05	R	61.89
821	595084.47	4125204.05	R	61.68
822	595084.47	4125224.05	R	61.48
823	595084.47	4125244.05	R	61.34
824	595084.47	4125264.05	R	61.24
825	595104.47	4124484.05	R	66.14
826	595104.47	4124504.05	R	66.13
827	595104.47	4124524.05	R	65.96
828	595104.47	4124544.05	R	65.83

Receptor Pathway

AERMOD

829	595104.47	4124564.05	R	65.82
830	595104.47	4124584.05	R	65.64
831	595104.47	4124604.05	R	65.45
832	595104.47	4124624.05	R	65.25
833	595104.47	4124644.05	R	65.05
834	595104.47	4124664.05	R	64.92
835	595104.47	4124684.05	R	64.91
836	595104.47	4124704.05	R	64.74
837	595104.47	4124724.05	R	64.54
838	595104.47	4124744.05	R	64.34
839	595104.47	4124764.05	R	64.30
840	595104.47	4124784.05	R	64.23
841	595104.47	4124804.05	R	64.03
842	595104.47	4124824.05	R	64.00
843	595104.47	4124844.05	R	63.92
844	595104.47	4124864.05	R	63.71
845	595104.47	4124884.05	R	63.52
846	595104.47	4124904.05	R	63.40
847	595104.47	4124924.05	R	63.39
848	595104.47	4124944.05	R	63.21
849	595104.47	4124964.05	R	63.01
850	595104.47	4124984.05	R	62.81
851	595104.47	4125004.05	R	62.78
852	595104.47	4125024.05	R	62.70
853	595104.47	4125044.05	R	62.50
854	595104.47	4125064.05	R	62.47
855	595104.47	4125084.05	R	62.40
856	595104.47	4125104.05	R	62.20
857	595104.47	4125124.05	R	62.17
858	595104.47	4125144.05	R	62.09
859	595104.47	4125164.05	R	61.89
860	595104.47	4125184.05	R	61.69
861	595104.47	4125204.05	R	61.49
862	595104.47	4125224.05	R	61.29
863	595104.47	4125244.05	R	61.26
864	595104.47	4125264.05	R	61.18
865	595124.47	4124484.05	R	66.09
866	595124.47	4124504.05	R	65.94

Receptor Pathway

AERMOD

867	595124.47	4124524.05	R	65.87
868	595124.47	4124544.05	R	65.78
869	595124.47	4124564.05	R	65.64
870	595124.47	4124584.05	R	65.44
871	595124.47	4124604.05	R	65.29
872	595124.47	4124624.05	R	65.23
873	595124.47	4124644.05	R	65.05
874	595124.47	4124664.05	R	64.87
875	595124.47	4124684.05	R	64.72
876	595124.47	4124704.05	R	64.65
877	595124.47	4124724.05	R	64.54
878	595124.47	4124744.05	R	64.34
879	595124.47	4124764.05	R	64.19
880	595124.47	4124784.05	R	64.07
881	595124.47	4124804.05	R	64.02
882	595124.47	4124824.05	R	63.88
883	595124.47	4124844.05	R	63.71
884	595124.47	4124864.05	R	63.51
885	595124.47	4124884.05	R	63.43
886	595124.47	4124904.05	R	63.34
887	595124.47	4124924.05	R	63.20
888	595124.47	4124944.05	R	63.00
889	595124.47	4124964.05	R	62.85
890	595124.47	4124984.05	R	62.80
891	595124.47	4125004.05	R	62.66
892	595124.47	4125024.05	R	62.50
893	595124.47	4125044.05	R	62.29
894	595124.47	4125064.05	R	62.27
895	595124.47	4125084.05	R	62.25
896	595124.47	4125104.05	R	62.19
897	595124.47	4125124.05	R	62.05
898	595124.47	4125144.05	R	61.89
899	595124.47	4125164.05	R	61.68
900	595124.47	4125184.05	R	61.61
901	595124.47	4125204.05	R	61.49
902	595124.47	4125224.05	R	61.29
903	595124.47	4125244.05	R	61.14
904	595124.47	4125264.05	R	61.03

Receptor Pathway

AERMOD

905	595144.47	4124484.05	R	66.06
906	595144.47	4124504.05	R	65.86
907	595144.47	4124524.05	R	65.77
908	595144.47	4124544.05	R	65.67
909	595144.47	4124564.05	R	65.55
910	595144.47	4124584.05	R	65.35
911	595144.47	4124604.05	R	65.20
912	595144.47	4124624.05	R	65.12
913	595144.47	4124644.05	R	64.93
914	595144.47	4124664.05	R	64.76
915	595144.47	4124684.05	R	64.63
916	595144.47	4124704.05	R	64.55
917	595144.47	4124724.05	R	64.43
918	595144.47	4124744.05	R	64.22
919	595144.47	4124764.05	R	64.09
920	595144.47	4124784.05	R	63.98
921	595144.47	4124804.05	R	63.90
922	595144.47	4124824.05	R	63.71
923	595144.47	4124844.05	R	63.54
924	595144.47	4124864.05	R	63.41
925	595144.47	4124884.05	R	63.33
926	595144.47	4124904.05	R	63.21
927	595144.47	4124924.05	R	63.00
928	595144.47	4124944.05	R	62.87
929	595144.47	4124964.05	R	62.76
930	595144.47	4124984.05	R	62.68
931	595144.47	4125004.05	R	62.50
932	595144.47	4125024.05	R	62.32
933	595144.47	4125044.05	R	62.19
934	595144.47	4125064.05	R	62.11
935	595144.47	4125084.05	R	62.06
936	595144.47	4125104.05	R	62.06
937	595144.47	4125124.05	R	61.89
938	595144.47	4125144.05	R	61.71
939	595144.47	4125164.05	R	61.59
940	595144.47	4125184.05	R	61.50
941	595144.47	4125204.05	R	61.38
942	595144.47	4125224.05	R	61.17

Receptor Pathway

AERMOD

943	595144.47	4125244.05	R	61.04
944	595144.47	4125264.05	R	60.93
945	595164.47	4124484.05	R	66.05
946	595164.47	4124504.05	R	65.85
947	595164.47	4124524.05	R	65.65
948	595164.47	4124544.05	R	65.53
949	595164.47	4124564.05	R	65.52
950	595164.47	4124584.05	R	65.34
951	595164.47	4124604.05	R	65.14
952	595164.47	4124624.05	R	64.93
953	595164.47	4124644.05	R	64.74
954	595164.47	4124664.05	R	64.61
955	595164.47	4124684.05	R	64.61
956	595164.47	4124704.05	R	64.43
957	595164.47	4124724.05	R	64.23
958	595164.47	4124744.05	R	64.03
959	595164.47	4124764.05	R	64.00
960	595164.47	4124784.05	R	63.92
961	595164.47	4124804.05	R	63.71
962	595164.47	4124824.05	R	63.52
963	595164.47	4124844.05	R	63.40
964	595164.47	4124864.05	R	63.39
965	595164.47	4124884.05	R	63.21
966	595164.47	4124904.05	R	63.00
967	595164.47	4124924.05	R	62.80
968	595164.47	4124944.05	R	62.78
969	595164.47	4124964.05	R	62.70
970	595164.47	4124984.05	R	62.50
971	595164.47	4125004.05	R	62.30
972	595164.47	4125024.05	R	62.18
973	595164.47	4125044.05	R	62.17
974	595164.47	4125064.05	R	62.00
975	595164.47	4125084.05	R	61.87
976	595164.47	4125104.05	R	61.86
977	595164.47	4125124.05	R	61.69
978	595164.47	4125144.05	R	61.57
979	595164.47	4125164.05	R	61.56
980	595164.47	4125184.05	R	61.38

Receptor Pathway

AERMOD

981	595164.47	4125204.05	R	61.18
982	595164.47	4125224.05	R	60.98
983	595164.47	4125244.05	R	60.95
984	595164.47	4125264.05	R	60.87
985	595184.47	4124484.05	R	65.85
986	595184.47	4124504.05	R	65.64
987	595184.47	4124524.05	R	65.57
988	595184.47	4124544.05	R	65.48
989	595184.47	4124564.05	R	65.33
990	595184.47	4124584.05	R	65.14
991	595184.47	4124604.05	R	64.93
992	595184.47	4124624.05	R	64.73
993	595184.47	4124644.05	R	64.65
994	595184.47	4124664.05	R	64.56
995	595184.47	4124684.05	R	64.42
996	595184.47	4124704.05	R	64.22
997	595184.47	4124724.05	R	64.07
998	595184.47	4124744.05	R	64.02
999	595184.47	4124764.05	R	63.88
1,000	595184.47	4124784.05	R	63.71
1,001	595184.47	4124804.05	R	63.51
1,002	595184.47	4124824.05	R	63.43
1,003	595184.47	4124844.05	R	63.34
1,004	595184.47	4124864.05	R	63.20
1,005	595184.47	4124884.05	R	63.00
1,006	595184.47	4124904.05	R	62.80
1,007	595184.47	4124924.05	R	62.60
1,008	595184.47	4124944.05	R	62.57
1,009	595184.47	4124964.05	R	62.50
1,010	595184.47	4124984.05	R	62.29
1,011	595184.47	4125004.05	R	62.22
1,012	595184.47	4125024.05	R	62.12
1,013	595184.47	4125044.05	R	61.98
1,014	595184.47	4125064.05	R	61.91
1,015	595184.47	4125084.05	R	61.82
1,016	595184.47	4125104.05	R	61.68
1,017	595184.47	4125124.05	R	61.61
1,018	595184.47	4125144.05	R	61.51

Receptor Pathway

AERMOD

1,019	595184.47	4125164.05	R	61.37
1,020	595184.47	4125184.05	R	61.17
1,021	595184.47	4125204.05	R	61.03
1,022	595184.47	4125224.05	R	60.97
1,023	595184.47	4125244.05	R	60.83
1,024	595184.47	4125264.05	R	60.72
1,025	595204.47	4124484.05	R	65.76
1,026	595204.47	4124504.05	R	65.56
1,027	595204.47	4124524.05	R	65.46
1,028	595204.47	4124544.05	R	65.37
1,029	595204.47	4124564.05	R	65.24
1,030	595204.47	4124584.05	R	65.05
1,031	595204.47	4124604.05	R	64.85
1,032	595204.47	4124624.05	R	64.64
1,033	595204.47	4124644.05	R	64.55
1,034	595204.47	4124664.05	R	64.43
1,035	595204.47	4124684.05	R	64.22
1,036	595204.47	4124704.05	R	64.09
1,037	595204.47	4124724.05	R	63.98
1,038	595204.47	4124744.05	R	63.90
1,039	595204.47	4124764.05	R	63.71
1,040	595204.47	4124784.05	R	63.54
1,041	595204.47	4124804.05	R	63.41
1,042	595204.47	4124824.05	R	63.33
1,043	595204.47	4124844.05	R	63.21
1,044	595204.47	4124864.05	R	63.00
1,045	595204.47	4124884.05	R	62.87
1,046	595204.47	4124904.05	R	62.71
1,047	595204.47	4124924.05	R	62.51
1,048	595204.47	4124944.05	R	62.42
1,049	595204.47	4124964.05	R	62.32
1,050	595204.47	4124984.05	R	62.19
1,051	595204.47	4125004.05	R	62.11
1,052	595204.47	4125024.05	R	62.02
1,053	595204.47	4125044.05	R	61.89
1,054	595204.47	4125064.05	R	61.81
1,055	595204.47	4125084.05	R	61.71
1,056	595204.47	4125104.05	R	61.59

Receptor Pathway

AERMOD

1,057	595204.47	4125124.05	R	61.50
1,058	595204.47	4125144.05	R	61.38
1,059	595204.47	4125164.05	R	61.17
1,060	595204.47	4125184.05	R	61.04
1,061	595204.47	4125204.05	R	60.93
1,062	595204.47	4125224.05	R	60.85
1,063	595204.47	4125244.05	R	60.73
1,064	595204.47	4125264.05	R	60.63
1,065	595224.47	4124484.05	R	65.75
1,066	595224.47	4124504.05	R	65.56
1,067	595224.47	4124524.05	R	65.35
1,068	595224.47	4124544.05	R	65.22
1,069	595224.47	4124564.05	R	65.21
1,070	595224.47	4124584.05	R	65.04
1,071	595224.47	4124604.05	R	64.83
1,072	595224.47	4124624.05	R	64.63
1,073	595224.47	4124644.05	R	64.43
1,074	595224.47	4124664.05	R	64.24
1,075	595224.47	4124684.05	R	64.03
1,076	595224.47	4124704.05	R	64.00
1,077	595224.47	4124724.05	R	63.92
1,078	595224.47	4124744.05	R	63.73
1,079	595224.47	4124764.05	R	63.52
1,080	595224.47	4124784.05	R	63.40
1,081	595224.47	4124804.05	R	63.39
1,082	595224.47	4124824.05	R	63.21
1,083	595224.47	4124844.05	R	63.01
1,084	595224.47	4124864.05	R	62.81
1,085	595224.47	4124884.05	R	62.78
1,086	595224.47	4124904.05	R	62.70
1,087	595224.47	4124924.05	R	62.50
1,088	595224.47	4124944.05	R	62.30
1,089	595224.47	4124964.05	R	62.18
1,090	595224.47	4124984.05	R	62.17
1,091	595224.47	4125004.05	R	62.00
1,092	595224.47	4125024.05	R	61.87
1,093	595224.47	4125044.05	R	61.86
1,094	595224.47	4125064.05	R	61.68

Receptor Pathway

AERMOD

1,095	595224.47	4125084.05	R	61.56
1,096	595224.47	4125104.05	R	61.56
1,097	595224.47	4125124.05	R	61.38
1,098	595224.47	4125144.05	R	61.18
1,099	595224.47	4125164.05	R	60.98
1,100	595224.47	4125184.05	R	60.95
1,101	595224.47	4125204.05	R	60.87
1,102	595224.47	4125224.05	R	60.68
1,103	595224.47	4125244.05	R	60.65
1,104	595224.47	4125264.05	R	60.57
1,105	595224.47	4125284.05	R	60.37
1,106	595244.47	4124484.05	R	65.60
1,107	595244.47	4124504.05	R	65.54
1,108	595244.47	4124524.05	R	65.35
1,109	595244.47	4124544.05	R	65.17
1,110	595244.47	4124564.05	R	65.03
1,111	595244.47	4124584.05	R	64.83
1,112	595244.47	4124604.05	R	64.63
1,113	595244.47	4124624.05	R	64.43
1,114	595244.47	4124644.05	R	64.35
1,115	595244.47	4124664.05	R	64.24
1,116	595244.47	4124684.05	R	64.03
1,117	595244.47	4124704.05	R	63.88
1,118	595244.47	4124724.05	R	63.77
1,119	595244.47	4124744.05	R	63.71
1,120	595244.47	4124764.05	R	63.52
1,121	595244.47	4124784.05	R	63.34
1,122	595244.47	4124804.05	R	63.20
1,123	595244.47	4124824.05	R	63.00
1,124	595244.47	4124844.05	R	62.85
1,125	595244.47	4124864.05	R	62.80
1,126	595244.47	4124884.05	R	62.66
1,127	595244.47	4124904.05	R	62.50
1,128	595244.47	4124924.05	R	62.29
1,129	595244.47	4124944.05	R	62.22
1,130	595244.47	4124964.05	R	62.12
1,131	595244.47	4124984.05	R	61.98
1,132	595244.47	4125004.05	R	61.91

Receptor Pathway

AERMOD

1,133	595244.47	4125024.05	R	61.82
1,134	595244.47	4125044.05	R	61.68
1,135	595244.47	4125064.05	R	61.48
1,136	595244.47	4125084.05	R	61.35
1,137	595244.47	4125104.05	R	61.35
1,138	595244.47	4125124.05	R	61.17
1,139	595244.47	4125144.05	R	61.03
1,140	595244.47	4125164.05	R	60.97
1,141	595244.47	4125184.05	R	60.83
1,142	595244.47	4125204.05	R	60.72
1,143	595244.47	4125224.05	R	60.66
1,144	595244.47	4125244.05	R	60.53
1,145	595244.47	4125264.05	R	60.42
1,146	595244.47	4125284.05	R	60.36
1,147	595264.47	4124484.05	R	65.50
1,148	595264.47	4124504.05	R	65.43
1,149	595264.47	4124524.05	R	65.24
1,150	595264.47	4124544.05	R	65.04
1,151	595264.47	4124564.05	R	64.83
1,152	595264.47	4124584.05	R	64.70
1,153	595264.47	4124604.05	R	64.54
1,154	595264.47	4124624.05	R	64.34
1,155	595264.47	4124644.05	R	64.25
1,156	595264.47	4124664.05	R	64.12
1,157	595264.47	4124684.05	R	63.92
1,158	595264.47	4124704.05	R	63.78
1,159	595264.47	4124724.05	R	63.67
1,160	595264.47	4124744.05	R	63.60
1,161	595264.47	4124764.05	R	63.41
1,162	595264.47	4124784.05	R	63.24
1,163	595264.47	4124804.05	R	63.11
1,164	595264.47	4124824.05	R	62.92
1,165	595264.47	4124844.05	R	62.76
1,166	595264.47	4124864.05	R	62.68
1,167	595264.47	4124884.05	R	62.50
1,168	595264.47	4124904.05	R	62.32
1,169	595264.47	4124924.05	R	62.19
1,170	595264.47	4124944.05	R	62.11

Receptor Pathway

AERMOD

1,171	595264.47	4124964.05	R	62.02
1,172	595264.47	4124984.05	R	61.89
1,173	595264.47	4125004.05	R	61.81
1,174	595264.47	4125024.05	R	61.68
1,175	595264.47	4125044.05	R	61.48
1,176	595264.47	4125064.05	R	61.34
1,177	595264.47	4125084.05	R	61.24
1,178	595264.47	4125104.05	R	61.16
1,179	595264.47	4125124.05	R	61.04
1,180	595264.47	4125144.05	R	60.93
1,181	595264.47	4125164.05	R	60.85
1,182	595264.47	4125184.05	R	60.73
1,183	595264.47	4125204.05	R	60.63
1,184	595264.47	4125224.05	R	60.55
1,185	595264.47	4125244.05	R	60.43
1,186	595264.47	4125264.05	R	60.32
1,187	595264.47	4125284.05	R	60.24
1,188	594493.04	4124844.56	R	68.07
1,189	594493.04	4124864.56	R	68.07
1,190	594493.04	4124884.56	R	68.01
1,191	594493.04	4124904.56	R	67.92
1,192	594493.04	4124924.56	R	67.78
1,193	594493.04	4124944.56	R	67.71
1,194	594493.04	4124964.56	R	67.61
1,195	594493.04	4124984.56	R	67.48
1,196	594493.04	4125004.56	R	67.40
1,197	594493.04	4125024.56	R	67.31
1,198	594493.04	4125044.56	R	67.17
1,199	594493.04	4125064.56	R	66.98
1,200	594493.04	4125084.56	R	66.83
1,201	594493.04	4125104.56	R	66.76
1,202	594493.04	4125124.56	R	66.63
1,203	594493.04	4125144.56	R	66.52
1,204	594493.04	4125164.56	R	66.45
1,205	594493.04	4125184.56	R	66.32
1,206	594513.04	4124844.56	R	67.87
1,207	594513.04	4124864.56	R	67.87
1,208	594513.04	4124884.56	R	67.87

Receptor Pathway

AERMOD

1,209	594513.04	4124904.56	R	67.79
1,210	594513.04	4124924.56	R	67.58
1,211	594513.04	4124944.56	R	67.57
1,212	594513.04	4124964.56	R	67.48
1,213	594513.04	4124984.56	R	67.28
1,214	594513.04	4125004.56	R	67.26
1,215	594513.04	4125024.56	R	67.18
1,216	594513.04	4125044.56	R	66.98
1,217	594513.04	4125064.56	R	66.83
1,218	594513.04	4125084.56	R	66.72
1,219	594513.04	4125104.56	R	66.66
1,220	594513.04	4125124.56	R	66.53
1,221	594513.04	4125144.56	R	66.42
1,222	594513.04	4125164.56	R	66.35
1,223	594513.04	4125184.56	R	66.16
1,224	594533.04	4124844.56	R	67.67
1,225	594533.04	4124864.56	R	67.67
1,226	594533.04	4124884.56	R	67.67
1,227	594533.04	4124904.56	R	67.58
1,228	594533.04	4124924.56	R	67.38
1,229	594533.04	4124944.56	R	67.36
1,230	594533.04	4124964.56	R	67.28
1,231	594533.04	4124984.56	R	67.08
1,232	594533.04	4125004.56	R	67.06
1,233	594533.04	4125024.56	R	66.98
1,234	594533.04	4125044.56	R	66.77
1,235	594533.04	4125064.56	R	66.75
1,236	594533.04	4125084.56	R	66.67
1,237	594533.04	4125104.56	R	66.47
1,238	594533.04	4125124.56	R	66.45
1,239	594533.04	4125144.56	R	66.36
1,240	594533.04	4125164.56	R	66.16
1,241	594533.04	4125184.56	R	65.96
1,242	594553.04	4124844.56	R	67.61
1,243	594553.04	4124864.56	R	67.48
1,244	594553.04	4124884.56	R	67.46
1,245	594553.04	4124904.56	R	67.44
1,246	594553.04	4124924.56	R	67.37

Receptor Pathway

AERMOD

1,247	594553.04	4124944.56	R	67.24
1,248	594553.04	4124964.56	R	67.13
1,249	594553.04	4124984.56	R	67.06
1,250	594553.04	4125004.56	R	66.93
1,251	594553.04	4125024.56	R	66.83
1,252	594553.04	4125044.56	R	66.76
1,253	594553.04	4125064.56	R	66.63
1,254	594553.04	4125084.56	R	66.47
1,255	594553.04	4125104.56	R	66.26
1,256	594553.04	4125124.56	R	66.24
1,257	594553.04	4125144.56	R	66.16
1,258	594553.04	4125164.56	R	65.96
1,259	594553.04	4125184.56	R	65.88
1,260	594573.04	4124984.56	R	66.96
1,261	594573.04	4125004.56	R	66.77
1,262	594573.04	4125024.56	R	66.65
1,263	594573.04	4125044.56	R	66.65
1,264	594573.04	4125064.56	R	66.47
1,265	594573.04	4125084.56	R	66.29
1,266	594573.04	4125104.56	R	66.15
1,267	594573.04	4125124.56	R	66.08
1,268	594573.04	4125144.56	R	65.99
1,269	594573.04	4125164.56	R	65.85
1,270	594573.04	4125184.56	R	65.78
1,271	594593.04	4124984.56	R	66.75
1,272	594593.04	4125004.56	R	66.57
1,273	594593.04	4125024.56	R	66.45
1,274	594593.04	4125044.56	R	66.45
1,275	594593.04	4125064.56	R	66.26
1,276	594593.04	4125084.56	R	66.14
1,277	594593.04	4125104.56	R	66.14
1,278	594593.04	4125124.56	R	65.96
1,279	594593.04	4125144.56	R	65.84
1,280	594593.04	4125164.56	R	65.84
1,281	594593.04	4125184.56	R	65.65
1,282	594613.04	4124984.56	R	66.55
1,283	594613.04	4125004.56	R	66.37
1,284	594613.04	4125024.56	R	66.24

Receptor Pathway

AERMOD

1,285	594613.04	4125044.56	R	66.24
1,286	594613.04	4125064.56	R	66.18
1,287	594613.04	4125084.56	R	66.09
1,288	594613.04	4125104.56	R	65.95
1,289	594613.04	4125124.56	R	65.76
1,290	594613.04	4125144.56	R	65.63
1,291	594613.04	4125164.56	R	65.63
1,292	594613.04	4125184.56	R	65.45
1,293	594633.04	4124984.56	R	66.35
1,294	594633.04	4125004.56	R	66.22
1,295	594633.04	4125024.56	R	66.11
1,296	594633.04	4125044.56	R	66.05
1,297	594633.04	4125064.56	R	66.04
1,298	594633.04	4125084.56	R	65.96
1,299	594633.04	4125104.56	R	65.76
1,300	594633.04	4125124.56	R	65.61
1,301	594633.04	4125144.56	R	65.50
1,302	594633.04	4125164.56	R	65.44
1,303	594633.04	4125184.56	R	65.31
1,304	594653.04	4124984.56	R	66.14
1,305	594653.04	4125004.56	R	66.14
1,306	594653.04	4125024.56	R	66.06
1,307	594653.04	4125044.56	R	65.86
1,308	594653.04	4125064.56	R	65.84
1,309	594653.04	4125084.56	R	65.76
1,310	594653.04	4125104.56	R	65.55
1,311	594653.04	4125124.56	R	65.53
1,312	594653.04	4125144.56	R	65.45
1,313	594653.04	4125164.56	R	65.25
1,314	594653.04	4125184.56	R	65.23
1,315	594673.04	4125144.56	R	65.25
1,316	594673.04	4125164.56	R	65.04
1,317	594673.04	4125184.56	R	65.03
1,318	594693.04	4125144.56	R	65.04
1,319	594693.04	4125164.56	R	64.84
1,320	594693.04	4125184.56	R	64.82
1,321	594713.04	4125144.56	R	64.84
1,322	594713.04	4125164.56	R	64.64

Receptor Pathway

AERMOD

1,323	594713.04	4125184.56	R	64.62
1,324	594170.99	4124692.59	R	71.27
1,325	594170.99	4124712.59	R	71.08
1,326	594190.99	4124692.59	R	71.12
1,327	594190.99	4124712.59	R	71.03
1,328	594190.99	4124732.59	R	70.92
1,329	594210.99	4124672.59	R	71.12
1,330	594210.99	4124692.59	R	71.00
1,331	594210.99	4124712.59	R	70.95
1,332	594210.99	4124732.59	R	70.82
1,333	594230.99	4124652.59	R	71.08
1,334	594230.99	4124672.59	R	71.03
1,335	594230.99	4124692.59	R	70.96
1,336	594230.99	4124712.59	R	70.77
1,337	594230.99	4124732.59	R	70.72
1,338	594250.99	4124632.59	R	71.08
1,339	594250.99	4124652.59	R	70.88
1,340	594250.99	4124672.59	R	70.84
1,341	594250.99	4124692.59	R	70.78
1,342	594250.99	4124712.59	R	70.57
1,343	594250.99	4124732.59	R	70.53
1,344	594270.99	4124612.59	R	70.94
1,345	594270.99	4124632.59	R	70.88
1,346	594270.99	4124652.59	R	70.67
1,347	594270.99	4124672.59	R	70.63
1,348	594270.99	4124692.59	R	70.59
1,349	594270.99	4124712.59	R	70.44
1,350	594270.99	4124732.59	R	70.37
1,351	594290.99	4124612.59	R	70.74
1,352	594290.99	4124632.59	R	70.67
1,353	594290.99	4124652.59	R	70.47
1,354	594290.99	4124672.59	R	70.43
1,355	594290.99	4124692.59	R	70.43
1,356	594290.99	4124712.59	R	70.41
1,357	594290.99	4124732.59	R	70.26
1,358	594310.99	4124592.59	R	70.53
1,359	594310.99	4124612.59	R	70.53
1,360	594310.99	4124632.59	R	70.47

Receptor Pathway

AERMOD

1,361	594310.99	4124652.59	R	70.27
1,362	594310.99	4124672.59	R	70.23
1,363	594310.99	4124692.59	R	70.23
1,364	594310.99	4124712.59	R	70.23
1,365	594310.99	4124732.59	R	70.06
1,366	594330.99	4124572.59	R	70.33
1,367	594330.99	4124592.59	R	70.33
1,368	594330.99	4124612.59	R	70.33
1,369	594330.99	4124632.59	R	70.28
1,370	594330.99	4124652.59	R	70.13
1,371	594330.99	4124672.59	R	70.06
1,372	594330.99	4124692.59	R	70.02
1,373	594330.99	4124712.59	R	70.02
1,374	594330.99	4124732.59	R	69.90
1,375	594350.99	4124552.59	R	70.13
1,376	594350.99	4124572.59	R	70.13
1,377	594350.99	4124592.59	R	70.13
1,378	594350.99	4124612.59	R	70.13
1,379	594350.99	4124632.59	R	70.12
1,380	594350.99	4124652.59	R	70.11
1,381	594350.99	4124672.59	R	69.95
1,382	594350.99	4124692.59	R	69.82
1,383	594350.99	4124712.59	R	69.82
1,384	594350.99	4124732.59	R	69.81
1,385	594370.99	4124552.59	R	69.92
1,386	594370.99	4124572.59	R	69.92
1,387	594370.99	4124592.59	R	69.92
1,388	594370.99	4124612.59	R	69.92
1,389	594370.99	4124632.59	R	69.92
1,390	594370.99	4124652.59	R	69.92
1,391	594370.99	4124672.59	R	69.76
1,392	594370.99	4124692.59	R	69.62
1,393	594370.99	4124712.59	R	69.62
1,394	594370.99	4124732.59	R	69.62
1,395	594370.99	4124752.59	R	69.56
1,396	594390.99	4124572.59	R	69.72
1,397	594390.99	4124592.59	R	69.72
1,398	594390.99	4124612.59	R	69.72

Receptor Pathway

AERMOD

1,399	594390.99	4124632.59	R	69.72
1,400	594390.99	4124652.59	R	69.72
1,401	594390.99	4124672.59	R	69.60
1,402	594390.99	4124692.59	R	69.48
1,403	594390.99	4124712.59	R	69.43
1,404	594390.99	4124732.59	R	69.41
1,405	594390.99	4124752.59	R	69.37
1,406	594410.99	4124592.59	R	69.52
1,407	594410.99	4124612.59	R	69.52
1,408	594410.99	4124632.59	R	69.52
1,409	594410.99	4124652.59	R	69.52
1,410	594410.99	4124672.59	R	69.50
1,411	594410.99	4124692.59	R	69.44
1,412	594410.99	4124712.59	R	69.25
1,413	594410.99	4124732.59	R	69.21
1,414	594410.99	4124752.59	R	69.21
1,415	594430.99	4124632.59	R	69.31
1,416	594430.99	4124652.59	R	69.31
1,417	594430.99	4124672.59	R	69.31
1,418	594430.99	4124692.59	R	69.25
1,419	594430.99	4124712.59	R	69.05
1,420	594430.99	4124732.59	R	69.01
1,421	594430.99	4124752.59	R	69.01
1,422	594450.99	4124632.59	R	69.11
1,423	594450.99	4124652.59	R	69.11
1,424	594450.99	4124672.59	R	69.11
1,425	594450.99	4124692.59	R	69.06
1,426	594450.99	4124712.59	R	68.91
1,427	594450.99	4124732.59	R	68.84
1,428	594450.99	4124752.59	R	68.81
1,429	594470.99	4124692.59	R	68.90
1,430	594470.99	4124712.59	R	68.89
1,431	594470.99	4124732.59	R	68.73
1,432	594470.99	4124752.59	R	68.60
1,433	594329.14	4124844.95	R	69.36
1,434	594329.14	4124864.95	R	69.20
1,435	594329.14	4124884.95	R	69.15
1,436	594329.14	4124904.95	R	69.06

Receptor Pathway

AERMOD

1,437	594329.14	4124924.95	R	68.90
1,438	594329.14	4124944.95	R	68.85
1,439	594329.14	4124964.95	R	68.76
1,440	594329.14	4124984.95	R	68.59
1,441	594329.14	4125004.95	R	68.39
1,442	594329.14	4125024.95	R	68.26
1,443	594329.14	4125044.95	R	68.22
1,444	594329.14	4125064.95	R	68.06
1,445	594329.14	4125084.95	R	67.88
1,446	594329.14	4125104.95	R	67.68
1,447	594329.14	4125124.95	R	67.63
1,448	594329.14	4125144.95	R	67.54
1,449	594329.14	4125164.95	R	67.37
1,450	594329.14	4125184.95	R	67.17
1,451	594349.14	4124844.95	R	69.22
1,452	594349.14	4124864.95	R	69.19
1,453	594349.14	4124884.95	R	69.03
1,454	594349.14	4124904.95	R	68.91
1,455	594349.14	4124924.95	R	68.89
1,456	594349.14	4124944.95	R	68.72
1,457	594349.14	4124964.95	R	68.61
1,458	594349.14	4124984.95	R	68.58
1,459	594349.14	4125004.95	R	68.39
1,460	594349.14	4125024.95	R	68.20
1,461	594349.14	4125044.95	R	68.02
1,462	594349.14	4125064.95	R	67.99
1,463	594349.14	4125084.95	R	67.88
1,464	594349.14	4125104.95	R	67.68
1,465	594349.14	4125124.95	R	67.50
1,466	594349.14	4125144.95	R	67.39
1,467	594349.14	4125164.95	R	67.36
1,468	594349.14	4125184.95	R	67.17
1,469	594369.14	4124844.95	R	69.14
1,470	594369.14	4124864.95	R	69.04
1,471	594369.14	4124884.95	R	68.94
1,472	594369.14	4124904.95	R	68.84
1,473	594369.14	4124924.95	R	68.73
1,474	594369.14	4124944.95	R	68.53

Receptor Pathway

AERMOD

1,475	594369.14	4124964.95	R	68.42
1,476	594369.14	4124984.95	R	68.42
1,477	594369.14	4125004.95	R	68.23
1,478	594369.14	4125024.95	R	68.07
1,479	594369.14	4125044.95	R	67.98
1,480	594369.14	4125064.95	R	67.87
1,481	594369.14	4125084.95	R	67.72
1,482	594369.14	4125104.95	R	67.52
1,483	594369.14	4125124.95	R	67.42
1,484	594369.14	4125144.95	R	67.31
1,485	594369.14	4125164.95	R	67.21
1,486	594369.14	4125184.95	R	67.01
1,487	594389.14	4124844.95	R	69.04
1,488	594389.14	4124864.95	R	68.84
1,489	594389.14	4124884.95	R	68.82
1,490	594389.14	4124904.95	R	68.74
1,491	594389.14	4124924.95	R	68.53
1,492	594389.14	4124944.95	R	68.37
1,493	594389.14	4124964.95	R	68.26
1,494	594389.14	4124984.95	R	68.22
1,495	594389.14	4125004.95	R	68.06
1,496	594389.14	4125024.95	R	67.95
1,497	594389.14	4125044.95	R	67.91
1,498	594389.14	4125064.95	R	67.72
1,499	594389.14	4125084.95	R	67.54
1,500	594389.14	4125104.95	R	67.37
1,501	594389.14	4125124.95	R	67.32
1,502	594389.14	4125144.95	R	67.23
1,503	594389.14	4125164.95	R	67.07
1,504	594389.14	4125184.95	R	66.87
1,505	594409.14	4124844.95	R	68.84
1,506	594409.14	4124864.95	R	68.64
1,507	594409.14	4124884.95	R	68.62
1,508	594409.14	4124904.95	R	68.53
1,509	594409.14	4124924.95	R	68.33
1,510	594409.14	4124944.95	R	68.29
1,511	594409.14	4124964.95	R	68.20
1,512	594409.14	4124984.95	R	68.02

Receptor Pathway

AERMOD

1,513	594409.14	4125004.95	R	67.99
1,514	594409.14	4125024.95	R	67.90
1,515	594409.14	4125044.95	R	67.72
1,516	594409.14	4125064.95	R	67.52
1,517	594409.14	4125084.95	R	67.39
1,518	594409.14	4125104.95	R	67.36
1,519	594409.14	4125124.95	R	67.20
1,520	594409.14	4125144.95	R	67.09
1,521	594409.14	4125164.95	R	67.06
1,522	594409.14	4125184.95	R	66.87
1,523	594429.14	4124844.95	R	68.68
1,524	594429.14	4124864.95	R	68.59
1,525	594429.14	4124884.95	R	68.48
1,526	594429.14	4124904.95	R	68.38
1,527	594429.14	4124924.95	R	68.28
1,528	594429.14	4124944.95	R	68.18
1,529	594429.14	4124964.95	R	68.03
1,530	594429.14	4124984.95	R	67.82
1,531	594429.14	4125004.95	R	67.81
1,532	594429.14	4125024.95	R	67.72
1,533	594429.14	4125044.95	R	67.52
1,534	594429.14	4125064.95	R	67.42
1,535	594429.14	4125084.95	R	67.31
1,536	594429.14	4125104.95	R	67.21
1,537	594429.14	4125124.95	R	67.11
1,538	594429.14	4125144.95	R	67.01
1,539	594429.14	4125164.95	R	66.90
1,540	594429.14	4125184.95	R	66.71
1,541	594449.14	4124844.95	R	68.52
1,542	594449.14	4124864.95	R	68.52
1,543	594449.14	4124884.95	R	68.33
1,544	594449.14	4124904.95	R	68.21
1,545	594449.14	4124924.95	R	68.21
1,546	594449.14	4124944.95	R	68.03
1,547	594449.14	4124964.95	R	67.84
1,548	594449.14	4124984.95	R	67.68
1,549	594449.14	4125004.95	R	67.63
1,550	594449.14	4125024.95	R	67.54

Receptor Pathway

AERMOD

1,551	594449.14	4125044.95	R	67.37
1,552	594449.14	4125064.95	R	67.32
1,553	594449.14	4125084.95	R	67.21
1,554	594449.14	4125104.95	R	67.01
1,555	594449.14	4125124.95	R	67.00
1,556	594449.14	4125144.95	R	66.91
1,557	594449.14	4125164.95	R	66.71
1,558	594449.14	4125184.95	R	66.54
1,559	594469.14	4124844.95	R	68.32
1,560	594469.14	4124864.95	R	68.32
1,561	594469.14	4124884.95	R	68.13
1,562	594469.14	4124904.95	R	68.01
1,563	594469.14	4124924.95	R	68.01
1,564	594469.14	4124944.95	R	67.82
1,565	594469.14	4124964.95	R	67.69
1,566	594469.14	4124984.95	R	67.67
1,567	594469.14	4125004.95	R	67.50
1,568	594469.14	4125024.95	R	67.39
1,569	594469.14	4125044.95	R	67.36
1,570	594469.14	4125064.95	R	67.20
1,571	594469.14	4125084.95	R	67.01
1,572	594469.14	4125104.95	R	66.81
1,573	594469.14	4125124.95	R	66.79
1,574	594469.14	4125144.95	R	66.71
1,575	594469.14	4125164.95	R	66.50
1,576	594469.14	4125184.95	R	66.46

Plant Boundary Receptors

Receptor Groups

Record Number	Group ID	Group Description
1	W	
2	PS	
3	R	

Meteorology Pathway

AERMOD

Met Input Data

Surface Met Data

Filename: SSJ-01 Silverado Project.SFC
Format Type: Default AERMET format

Profile Met Data

Filename: SSJ-01 Silverado Project.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): 15.50 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface		2013	37.36	-121.92	San Jose Intl
Upper Air		2013	37.36	-121.92	San Jose Intl

Data Period

Data Period to Process

Start Date: 1/1/2013 Start Hour: 1 End Date: 1/1/2018 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

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		36.13527	ug/m^3	W_001	594765.48	4125033.18	64.83	1.50	64.83	
PERIOD		26.56500	ug/m^3	W_002	594783.72	4125031.76	64.71	1.50	64.71	
PERIOD		25.45902	ug/m^3	W_003	594794.04	4125034.59	64.65	1.50	64.65	
PERIOD		23.30780	ug/m^3	W_004	594773.25	4125005.89	64.92	1.50	64.92	
PERIOD		20.99057	ug/m^3	W_005	594773.40	4124986.94	64.92	1.50	64.92	
PERIOD		27.21840	ug/m^3	W_006	594699.48	4125024.67	65.59	1.50	65.59	
PERIOD		22.57721	ug/m^3	W_007	594716.11	4124993.36	65.50	1.50	65.50	
PERIOD		28.08109	ug/m^3	W_008	594679.69	4125079.16	65.54	1.50	65.54	
PERIOD		17.52287	ug/m^3	W_009	594679.69	4125108.03	65.26	1.50	65.26	
PERIOD		21.32811	ug/m^3	W_010	594704.81	4125117.40	65.01	1.50	65.01	
PERIOD		21.38558	ug/m^3	W_011	594785.47	4125113.91	64.28	1.50	64.28	
PERIOD		28.50144	ug/m^3	W_012	594786.28	4125095.49	64.38	1.50	64.38	
PERIOD		15.34689	ug/m^3	W_013	594765.15	4125191.10	64.09	1.50	64.09	
PERIOD		0.26744	ug/m^3	W_014	594413.88	4124529.10	69.49	1.50	796.44	
PERIOD		0.30285	ug/m^3	W_015	594413.88	4124549.10	69.49	1.50	69.49	
PERIOD		0.33425	ug/m^3	W_016	594433.88	4124549.10	69.41	1.50	69.41	
PERIOD		0.38392	ug/m^3	W_017	594433.88	4124569.10	69.28	1.50	69.28	
PERIOD		0.43160	ug/m^3	W_018	594453.88	4124569.10	69.18	1.50	69.18	
PERIOD		0.49820	ug/m^3	W_019	594453.88	4124589.10	69.11	1.50	69.11	
PERIOD		0.49033	ug/m^3	W_020	594473.88	4124569.10	69.16	1.50	69.16	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.56993	ug/m^3	W_021	594473.88	4124589.10	68.96	1.50	68.96	
PERIOD		0.56551	ug/m^3	W_022	594493.88	4124569.10	68.97	1.50	68.97	
PERIOD		0.65877	ug/m^3	W_023	594493.88	4124589.10	68.91	1.50	68.91	
PERIOD		0.55876	ug/m^3	W_024	594513.88	4124549.10	68.78	1.50	796.44	
PERIOD		0.66166	ug/m^3	W_025	594513.88	4124569.10	68.78	1.50	68.78	
PERIOD		0.66095	ug/m^3	W_026	594533.88	4124549.10	68.57	1.50	796.44	
PERIOD		0.78668	ug/m^3	W_027	594533.88	4124569.10	68.57	1.50	68.57	
PERIOD		0.79762	ug/m^3	W_028	594553.88	4124549.10	68.37	1.50	796.44	
PERIOD		0.95122	ug/m^3	W_029	594553.88	4124569.10	68.37	1.50	68.37	
PERIOD		0.98329	ug/m^3	W_030	594573.88	4124549.10	68.23	1.50	796.44	
PERIOD		1.17070	ug/m^3	W_031	594573.88	4124569.10	68.17	1.50	68.17	
PERIOD		1.24031	ug/m^3	W_032	594593.88	4124549.10	68.14	1.50	796.44	
PERIOD		1.46758	ug/m^3	W_033	594593.88	4124569.10	67.96	1.50	67.96	
PERIOD		1.60729	ug/m^3	W_034	594613.88	4124549.10	67.94	1.50	796.44	
PERIOD		1.87490	ug/m^3	W_035	594613.88	4124569.10	67.76	1.50	67.76	
PERIOD		2.09827	ug/m^3	W_036	594613.88	4124589.10	67.76	1.50	67.76	
PERIOD		2.13841	ug/m^3	W_037	594633.88	4124549.10	67.78	1.50	796.44	
PERIOD		2.44111	ug/m^3	W_038	594633.88	4124569.10	67.66	1.50	67.66	
PERIOD		2.68353	ug/m^3	W_039	594633.88	4124589.10	67.58	1.50	67.58	
PERIOD		2.92816	ug/m^3	W_040	594653.88	4124549.10	67.66	1.50	796.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.25407	ug/m^3	W_041	594653.88	4124569.10	67.63	1.50	67.63	
PERIOD		3.51289	ug/m^3	W_042	594653.88	4124589.10	67.43	1.50	67.43	
PERIOD		4.15250	ug/m^3	W_043	594673.88	4124549.10	67.58	1.50	796.44	
PERIOD		4.50187	ug/m^3	W_044	594673.88	4124569.10	67.43	1.50	67.43	
PERIOD		4.76772	ug/m^3	W_045	594673.88	4124589.10	67.23	1.50	67.23	
PERIOD		6.22466	ug/m^3	W_046	594693.88	4124549.10	67.47	1.50	796.44	
PERIOD		6.58225	ug/m^3	W_047	594693.88	4124569.10	67.33	1.50	67.33	
PERIOD		6.86161	ug/m^3	W_048	594693.88	4124589.10	67.13	1.50	67.13	
PERIOD		5.07465	ug/m^3	W_049	594713.88	4124469.10	67.96	1.50	796.44	
PERIOD		7.47045	ug/m^3	W_050	594713.88	4124489.10	67.84	1.50	796.44	
PERIOD		8.94024	ug/m^3	W_051	594713.88	4124509.10	67.64	1.50	796.44	
PERIOD		0.59367	ug/m^3	W_052	594580.48	4124497.15	68.40	1.50	796.44	
PERIOD		0.50650	ug/m^3	W_053	594580.80	4124483.13	68.40	1.50	796.44	
PERIOD		2.44046	ug/m^3	W_054	594579.60	4124792.04	67.50	1.50	67.50	
PERIOD		2.51016	ug/m^3	W_055	594579.60	4124812.04	67.50	1.50	67.50	
PERIOD		2.82443	ug/m^3	W_056	594599.60	4124792.04	67.30	1.50	67.30	
PERIOD		2.90061	ug/m^3	W_057	594599.60	4124812.04	67.28	1.50	67.28	
PERIOD		3.32267	ug/m^3	W_058	594619.60	4124792.04	67.09	1.50	67.09	
PERIOD		3.40793	ug/m^3	W_059	594619.60	4124812.04	67.04	1.50	67.04	
PERIOD		3.99799	ug/m^3	W_060	594639.60	4124792.04	66.89	1.50	66.89	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		4.09386	ug/m^3	W_061	594639.60	4124812.04	66.83	1.50	66.83	
PERIOD		4.21946	ug/m^3	W_062	594639.60	4124832.04	66.63	1.50	66.63	
PERIOD		4.36655	ug/m^3	W_063	594639.60	4124852.04	66.58	1.50	66.58	
PERIOD		4.56153	ug/m^3	W_064	594639.60	4124872.04	66.58	1.50	66.58	
PERIOD		4.97645	ug/m^3	W_065	594659.60	4124792.04	66.65	1.50	66.65	
PERIOD		5.08703	ug/m^3	W_066	594659.60	4124812.04	66.58	1.50	66.58	
PERIOD		5.23091	ug/m^3	W_067	594659.60	4124832.04	66.42	1.50	66.42	
PERIOD		5.40180	ug/m^3	W_068	594659.60	4124852.04	66.38	1.50	66.38	
PERIOD		5.62784	ug/m^3	W_069	594659.60	4124872.04	66.38	1.50	66.38	
PERIOD		6.52762	ug/m^3	W_070	594679.60	4124792.04	66.34	1.50	66.34	
PERIOD		6.66759	ug/m^3	W_071	594679.60	4124812.04	66.21	1.50	66.21	
PERIOD		6.82311	ug/m^3	W_072	594679.60	4124832.04	66.18	1.50	66.18	
PERIOD		7.01945	ug/m^3	W_073	594679.60	4124852.04	66.18	1.50	66.18	
PERIOD		7.28250	ug/m^3	W_074	594679.60	4124872.04	66.18	1.50	66.18	
PERIOD		9.31272	ug/m^3	W_075	594699.60	4124792.04	66.12	1.50	66.12	
PERIOD		9.50145	ug/m^3	W_076	594699.60	4124812.04	65.97	1.50	65.97	
PERIOD		9.68955	ug/m^3	W_077	594699.60	4124832.04	65.97	1.50	65.97	
PERIOD		9.93498	ug/m^3	W_078	594699.60	4124852.04	65.97	1.50	65.97	
PERIOD		10.26427	ug/m^3	W_079	594699.60	4124872.04	65.94	1.50	65.94	
PERIOD		15.46377	ug/m^3	W_080	594719.60	4124792.04	65.92	1.50	65.92	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		15.78333	ug/m^3	W_081	594719.60	4124812.04	65.77	1.50	65.77	
PERIOD		16.03851	ug/m^3	W_082	594719.60	4124832.04	65.77	1.50	65.77	
PERIOD		16.39547	ug/m^3	W_083	594719.60	4124852.04	65.77	1.50	65.77	
PERIOD		16.89127	ug/m^3	W_084	594719.60	4124872.04	65.73	1.50	65.73	
PERIOD		0.58960	ug/m^3	W_085	594308.10	4124780.25	69.93	1.50	69.93	
PERIOD		0.36724	ug/m^3	W_086	594170.89	4124787.21	70.63	1.50	70.63	
PERIOD		3.30378	ug/m^3	PS_001	594587.24	4124904.99	67.12	1.50	67.12	
PERIOD		4.29497	ug/m^3	PS_002	594607.24	4124924.99	66.91	1.50	66.91	
PERIOD		5.04317	ug/m^3	PS_003	594607.24	4124944.99	66.72	1.50	66.72	
PERIOD		5.06052	ug/m^3	PS_004	594627.24	4124924.99	66.67	1.50	66.67	
PERIOD		5.88066	ug/m^3	PS_005	594627.24	4124944.99	66.51	1.50	66.51	
PERIOD		6.05894	ug/m^3	PS_006	594647.24	4124924.99	66.27	1.50	66.27	
PERIOD		6.91553	ug/m^3	PS_007	594647.24	4124944.99	66.22	1.50	66.22	
PERIOD		7.42730	ug/m^3	PS_008	594667.24	4124924.99	66.01	1.50	66.01	
PERIOD		8.30444	ug/m^3	PS_009	594667.24	4124944.99	66.00	1.50	66.00	
PERIOD		9.58975	ug/m^3	PS_010	594687.24	4124924.99	65.81	1.50	65.81	
PERIOD		10.48349	ug/m^3	PS_011	594687.24	4124944.99	65.80	1.50	65.80	
PERIOD		13.74920	ug/m^3	PS_012	594707.24	4124924.99	65.59	1.50	65.59	
PERIOD		14.66420	ug/m^3	PS_013	594707.24	4124944.99	65.59	1.50	65.59	
PERIOD		11.71950	ug/m^3	PS_014	594727.24	4124924.99	65.40	1.50	65.40	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		12.51193	ug/m^3	PS_015	594727.24	4124944.99	65.39	1.50	65.39	
PERIOD		5.34995	ug/m^3	PS_016	594835.50	4124785.91	65.44	1.50	65.44	
PERIOD		5.48001	ug/m^3	PS_017	594835.50	4124805.91	65.23	1.50	65.23	
PERIOD		5.62300	ug/m^3	PS_018	594835.50	4124825.91	65.21	1.50	65.21	
PERIOD		5.81308	ug/m^3	PS_019	594835.50	4124845.91	65.12	1.50	65.12	
PERIOD		6.06200	ug/m^3	PS_020	594835.50	4124865.91	64.93	1.50	64.93	
PERIOD		6.34694	ug/m^3	PS_021	594835.50	4124885.91	64.91	1.50	64.91	
PERIOD		6.71199	ug/m^3	PS_022	594835.50	4124905.91	64.81	1.50	64.81	
PERIOD		4.37752	ug/m^3	PS_023	594855.50	4124785.91	65.44	1.50	65.44	
PERIOD		4.51437	ug/m^3	PS_024	594855.50	4124805.91	65.23	1.50	65.23	
PERIOD		4.67724	ug/m^3	PS_025	594855.50	4124825.91	65.08	1.50	65.08	
PERIOD		4.87219	ug/m^3	PS_026	594855.50	4124845.91	64.98	1.50	64.98	
PERIOD		5.10572	ug/m^3	PS_027	594855.50	4124865.91	64.92	1.50	64.92	
PERIOD		5.39732	ug/m^3	PS_028	594855.50	4124885.91	64.78	1.50	64.78	
PERIOD		5.75257	ug/m^3	PS_029	594855.50	4124905.91	64.67	1.50	64.67	
PERIOD		3.73449	ug/m^3	PS_030	594875.50	4124785.91	65.35	1.50	65.35	
PERIOD		3.86872	ug/m^3	PS_031	594875.50	4124805.91	65.23	1.50	65.23	
PERIOD		4.03586	ug/m^3	PS_032	594875.50	4124825.91	65.03	1.50	65.03	
PERIOD		4.23279	ug/m^3	PS_033	594875.50	4124845.91	64.88	1.50	64.88	
PERIOD		4.46347	ug/m^3	PS_034	594875.50	4124865.91	64.80	1.50	64.80	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		4.74392	ug/m^3	PS_035	594875.50	4124885.91	64.68	1.50	64.68	
PERIOD		5.08604	ug/m^3	PS_036	594875.50	4124905.91	64.58	1.50	64.58	
PERIOD		3.28064	ug/m^3	PS_037	594895.50	4124785.91	65.22	1.50	65.22	
PERIOD		3.41163	ug/m^3	PS_038	594895.50	4124805.91	65.20	1.50	65.20	
PERIOD		3.57578	ug/m^3	PS_039	594895.50	4124825.91	65.02	1.50	65.02	
PERIOD		3.77043	ug/m^3	PS_040	594895.50	4124845.91	64.83	1.50	64.83	
PERIOD		4.00220	ug/m^3	PS_041	594895.50	4124865.91	64.62	1.50	64.62	
PERIOD		4.26720	ug/m^3	PS_042	594895.50	4124885.91	64.60	1.50	64.60	
PERIOD		4.59706	ug/m^3	PS_043	594895.50	4124905.91	64.51	1.50	64.51	
PERIOD		2.94165	ug/m^3	PS_044	594915.50	4124785.91	65.16	1.50	65.16	
PERIOD		3.07863	ug/m^3	PS_045	594915.50	4124805.91	65.00	1.50	65.00	
PERIOD		3.23438	ug/m^3	PS_046	594915.50	4124825.91	64.95	1.50	64.95	
PERIOD		3.42012	ug/m^3	PS_047	594915.50	4124845.91	64.83	1.50	64.83	
PERIOD		3.64343	ug/m^3	PS_048	594915.50	4124865.91	64.62	1.50	64.62	
PERIOD		3.90653	ug/m^3	PS_049	594915.50	4124885.91	64.47	1.50	64.47	
PERIOD		4.22740	ug/m^3	PS_050	594915.50	4124905.91	64.37	1.50	64.37	
PERIOD		2.68289	ug/m^3	PS_051	594935.50	4124785.91	65.05	1.50	65.05	
PERIOD		2.81659	ug/m^3	PS_052	594935.50	4124805.91	64.93	1.50	64.93	
PERIOD		2.97069	ug/m^3	PS_053	594935.50	4124825.91	64.84	1.50	64.84	
PERIOD		3.15017	ug/m^3	PS_054	594935.50	4124845.91	64.74	1.50	64.74	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.36201	ug/m^3	PS_055	594935.50	4124865.91	64.62	1.50	64.62	
PERIOD		3.61886	ug/m^3	PS_056	594935.50	4124885.91	64.42	1.50	64.42	
PERIOD		3.93463	ug/m^3	PS_057	594935.50	4124905.91	64.27	1.50	64.27	
PERIOD		2.47896	ug/m^3	PS_058	594955.50	4124785.91	64.91	1.50	64.91	
PERIOD		2.60699	ug/m^3	PS_059	594955.50	4124805.91	64.90	1.50	64.90	
PERIOD		2.75984	ug/m^3	PS_060	594955.50	4124825.91	64.72	1.50	64.72	
PERIOD		2.93450	ug/m^3	PS_061	594955.50	4124845.91	64.61	1.50	64.61	
PERIOD		3.13620	ug/m^3	PS_062	594955.50	4124865.91	64.59	1.50	64.59	
PERIOD		3.38507	ug/m^3	PS_063	594955.50	4124885.91	64.41	1.50	64.41	
PERIOD		3.69597	ug/m^3	PS_064	594955.50	4124905.91	64.22	1.50	64.22	
PERIOD		2.31156	ug/m^3	PS_065	594975.50	4124785.91	64.85	1.50	64.85	
PERIOD		2.44042	ug/m^3	PS_066	594975.50	4124805.91	64.70	1.50	64.70	
PERIOD		2.58562	ug/m^3	PS_067	594975.50	4124825.91	64.64	1.50	64.64	
PERIOD		2.75443	ug/m^3	PS_068	594975.50	4124845.91	64.55	1.50	64.55	
PERIOD		2.95505	ug/m^3	PS_069	594975.50	4124865.91	64.39	1.50	64.39	
PERIOD		3.19427	ug/m^3	PS_070	594975.50	4124885.91	64.34	1.50	64.34	
PERIOD		3.49756	ug/m^3	PS_071	594975.50	4124905.91	64.22	1.50	64.22	
PERIOD		2.17389	ug/m^3	PS_072	594995.50	4124785.91	64.74	1.50	64.74	
PERIOD		2.29866	ug/m^3	PS_073	594995.50	4124805.91	64.62	1.50	64.62	
PERIOD		2.44022	ug/m^3	PS_074	594995.50	4124825.91	64.54	1.50	64.54	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.60429	ug/m^3	PS_075	594995.50	4124845.91	64.44	1.50	64.44	
PERIOD		2.79912	ug/m^3	PS_076	594995.50	4124865.91	64.32	1.50	64.32	
PERIOD		3.03549	ug/m^3	PS_077	594995.50	4124885.91	64.23	1.50	64.23	
PERIOD		3.33590	ug/m^3	PS_078	594995.50	4124905.91	64.09	1.50	64.09	
PERIOD		0.85357	ug/m^3	PS_079	594491.23	4124632.57	68.70	1.50	68.70	
PERIOD		0.94457	ug/m^3	PS_080	594491.23	4124652.57	68.70	1.50	68.70	
PERIOD		1.03027	ug/m^3	PS_081	594491.23	4124672.57	68.70	1.50	68.70	
PERIOD		1.10987	ug/m^3	PS_082	594491.23	4124692.57	68.70	1.50	68.70	
PERIOD		1.18331	ug/m^3	PS_083	594491.23	4124712.57	68.70	1.50	68.70	
PERIOD		1.25320	ug/m^3	PS_084	594491.23	4124732.57	68.54	1.50	68.54	
PERIOD		1.31837	ug/m^3	PS_085	594491.23	4124752.57	68.40	1.50	68.40	
PERIOD		0.88490	ug/m^3	PS_086	594511.23	4124612.57	68.64	1.50	68.64	
PERIOD		0.99201	ug/m^3	PS_087	594511.23	4124632.57	68.50	1.50	68.50	
PERIOD		1.09126	ug/m^3	PS_088	594511.23	4124652.57	68.50	1.50	68.50	
PERIOD		1.18269	ug/m^3	PS_089	594511.23	4124672.57	68.50	1.50	68.50	
PERIOD		1.26610	ug/m^3	PS_090	594511.23	4124692.57	68.50	1.50	68.50	
PERIOD		1.34200	ug/m^3	PS_091	594511.23	4124712.57	68.50	1.50	68.50	
PERIOD		1.41405	ug/m^3	PS_092	594511.23	4124732.57	68.33	1.50	68.33	
PERIOD		1.48082	ug/m^3	PS_093	594511.23	4124752.57	68.19	1.50	68.19	
PERIOD		1.04382	ug/m^3	PS_094	594531.23	4124612.57	68.44	1.50	68.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.16256	ug/m^3	PS_095	594531.23	4124632.57	68.29	1.50	68.29	
PERIOD		1.26949	ug/m^3	PS_096	594531.23	4124652.57	68.29	1.50	68.29	
PERIOD		1.36584	ug/m^3	PS_097	594531.23	4124672.57	68.29	1.50	68.29	
PERIOD		1.45225	ug/m^3	PS_098	594531.23	4124692.57	68.29	1.50	68.29	
PERIOD		1.53001	ug/m^3	PS_099	594531.23	4124712.57	68.29	1.50	68.29	
PERIOD		1.60361	ug/m^3	PS_100	594531.23	4124732.57	68.13	1.50	68.13	
PERIOD		1.67182	ug/m^3	PS_101	594531.23	4124752.57	67.99	1.50	67.99	
PERIOD		1.24432	ug/m^3	PS_102	594551.23	4124612.57	68.23	1.50	68.23	
PERIOD		1.37386	ug/m^3	PS_103	594551.23	4124632.57	68.09	1.50	68.09	
PERIOD		1.48730	ug/m^3	PS_104	594551.23	4124652.57	68.09	1.50	68.09	
PERIOD		1.58744	ug/m^3	PS_105	594551.23	4124672.57	68.09	1.50	68.09	
PERIOD		1.67599	ug/m^3	PS_106	594551.23	4124692.57	68.09	1.50	68.09	
PERIOD		1.75499	ug/m^3	PS_107	594551.23	4124712.57	68.09	1.50	68.09	
PERIOD		1.83004	ug/m^3	PS_108	594551.23	4124732.57	67.93	1.50	67.93	
PERIOD		1.89973	ug/m^3	PS_109	594551.23	4124752.57	67.79	1.50	67.79	
PERIOD		1.49802	ug/m^3	PS_110	594571.23	4124612.57	68.07	1.50	68.07	
PERIOD		1.63665	ug/m^3	PS_111	594571.23	4124632.57	67.95	1.50	67.95	
PERIOD		1.75597	ug/m^3	PS_112	594571.23	4124652.57	67.90	1.50	67.90	
PERIOD		1.85885	ug/m^3	PS_113	594571.23	4124672.57	67.89	1.50	67.89	
PERIOD		1.94861	ug/m^3	PS_114	594571.23	4124692.57	67.89	1.50	67.89	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.02832	ug/m^3	PS_115	594571.23	4124712.57	67.89	1.50	67.89	
PERIOD		2.10505	ug/m^3	PS_116	594571.23	4124732.57	67.72	1.50	67.72	
PERIOD		2.17636	ug/m^3	PS_117	594571.23	4124752.57	67.58	1.50	67.58	
PERIOD		1.82124	ug/m^3	PS_118	594591.23	4124612.57	67.98	1.50	67.98	
PERIOD		1.96579	ug/m^3	PS_119	594591.23	4124632.57	67.91	1.50	67.91	
PERIOD		2.09212	ug/m^3	PS_120	594591.23	4124652.57	67.72	1.50	67.72	
PERIOD		2.19677	ug/m^3	PS_121	594591.23	4124672.57	67.69	1.50	67.69	
PERIOD		2.28694	ug/m^3	PS_122	594591.23	4124692.57	67.69	1.50	67.69	
PERIOD		2.36695	ug/m^3	PS_123	594591.23	4124712.57	67.69	1.50	67.69	
PERIOD		2.44536	ug/m^3	PS_124	594591.23	4124732.57	67.52	1.50	67.52	
PERIOD		2.51878	ug/m^3	PS_125	594591.23	4124752.57	67.38	1.50	67.38	
PERIOD		2.39448	ug/m^3	PS_126	594611.23	4124632.57	67.72	1.50	67.72	
PERIOD		2.52375	ug/m^3	PS_127	594611.23	4124652.57	67.52	1.50	67.52	
PERIOD		2.62910	ug/m^3	PS_128	594611.23	4124672.57	67.48	1.50	67.48	
PERIOD		2.72078	ug/m^3	PS_129	594611.23	4124692.57	67.44	1.50	67.44	
PERIOD		2.80584	ug/m^3	PS_130	594611.23	4124712.57	67.32	1.50	67.32	
PERIOD		2.88359	ug/m^3	PS_131	594611.23	4124732.57	67.23	1.50	67.23	
PERIOD		2.95641	ug/m^3	PS_132	594611.23	4124752.57	67.18	1.50	67.18	
PERIOD		2.96449	ug/m^3	PS_133	594631.23	4124632.57	67.52	1.50	67.52	
PERIOD		3.09572	ug/m^3	PS_134	594631.23	4124652.57	67.32	1.50	67.32	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.20093	ug/m^3	PS_135	594631.23	4124672.57	67.28	1.50	67.28	
PERIOD		3.29343	ug/m^3	PS_136	594631.23	4124692.57	67.23	1.50	67.23	
PERIOD		3.38185	ug/m^3	PS_137	594631.23	4124712.57	67.09	1.50	67.09	
PERIOD		3.46201	ug/m^3	PS_138	594631.23	4124732.57	67.01	1.50	67.01	
PERIOD		3.53761	ug/m^3	PS_139	594631.23	4124752.57	66.97	1.50	66.97	
PERIOD		3.75910	ug/m^3	PS_140	594651.23	4124632.57	67.32	1.50	67.32	
PERIOD		3.89310	ug/m^3	PS_141	594651.23	4124652.57	67.12	1.50	67.12	
PERIOD		3.99881	ug/m^3	PS_142	594651.23	4124672.57	67.08	1.50	67.08	
PERIOD		4.09034	ug/m^3	PS_143	594651.23	4124692.57	67.07	1.50	67.07	
PERIOD		4.17414	ug/m^3	PS_144	594651.23	4124712.57	67.06	1.50	67.06	
PERIOD		4.26534	ug/m^3	PS_145	594651.23	4124732.57	66.90	1.50	66.90	
PERIOD		4.35312	ug/m^3	PS_146	594651.23	4124752.57	66.77	1.50	66.77	
PERIOD		4.94230	ug/m^3	PS_147	594671.23	4124632.57	67.15	1.50	67.15	
PERIOD		5.07121	ug/m^3	PS_148	594671.23	4124652.57	67.07	1.50	67.07	
PERIOD		5.18722	ug/m^3	PS_149	594671.23	4124672.57	66.96	1.50	66.96	
PERIOD		5.29151	ug/m^3	PS_150	594671.23	4124692.57	66.87	1.50	66.87	
PERIOD		5.38095	ug/m^3	PS_151	594671.23	4124712.57	66.87	1.50	66.87	
PERIOD		5.48478	ug/m^3	PS_152	594671.23	4124732.57	66.71	1.50	66.71	
PERIOD		5.58626	ug/m^3	PS_153	594671.23	4124752.57	66.57	1.50	66.57	
PERIOD		6.90482	ug/m^3	PS_154	594691.23	4124632.57	66.97	1.50	66.97	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		7.03102	ug/m^3	PS_155	594691.23	4124652.57	66.97	1.50	66.97	
PERIOD		7.16420	ug/m^3	PS_156	594691.23	4124672.57	66.85	1.50	66.85	
PERIOD		7.29311	ug/m^3	PS_157	594691.23	4124692.57	66.73	1.50	66.73	
PERIOD		7.40802	ug/m^3	PS_158	594691.23	4124712.57	66.68	1.50	66.68	
PERIOD		7.53494	ug/m^3	PS_159	594691.23	4124732.57	66.55	1.50	66.55	
PERIOD		7.65801	ug/m^3	PS_160	594691.23	4124752.57	66.43	1.50	66.43	
PERIOD		10.77055	ug/m^3	PS_161	594711.23	4124632.57	66.77	1.50	66.77	
PERIOD		10.90625	ug/m^3	PS_162	594711.23	4124652.57	66.77	1.50	66.77	
PERIOD		11.04697	ug/m^3	PS_163	594711.23	4124672.57	66.76	1.50	66.76	
PERIOD		11.23166	ug/m^3	PS_164	594711.23	4124692.57	66.69	1.50	66.69	
PERIOD		11.47652	ug/m^3	PS_165	594711.23	4124712.57	66.50	1.50	66.50	
PERIOD		11.62898	ug/m^3	PS_166	594711.23	4124732.57	66.46	1.50	66.46	
PERIOD		11.77391	ug/m^3	PS_167	594711.23	4124752.57	66.39	1.50	66.39	
PERIOD		14.44599	ug/m^3	PS_168	594731.23	4124632.57	66.71	1.50	66.71	
PERIOD		14.62257	ug/m^3	PS_169	594731.23	4124652.57	66.59	1.50	66.59	
PERIOD		14.64970	ug/m^3	PS_170	594731.23	4124672.57	66.57	1.50	66.57	
PERIOD		14.84290	ug/m^3	PS_171	594731.23	4124692.57	66.54	1.50	66.54	
PERIOD		15.08198	ug/m^3	PS_172	594731.23	4124712.57	66.46	1.50	66.46	
PERIOD		7.85700	ug/m^3	PS_173	594731.23	4124732.57	66.35	1.50	66.35	
PERIOD		7.97075	ug/m^3	PS_174	594731.23	4124752.57	66.20	1.50	66.20	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		8.14278	ug/m^3	R_001	594764.47	4124544.05	67.28	1.50	796.44	
PERIOD		8.31594	ug/m^3	R_002	594764.47	4124564.05	67.08	1.50	796.44	
PERIOD		17.12529	ug/m^3	R_003	594764.47	4124584.05	66.93	1.50	66.93	
PERIOD		17.00548	ug/m^3	R_004	594764.47	4124604.05	66.82	1.50	66.82	
PERIOD		16.80057	ug/m^3	R_005	594764.47	4124624.05	66.76	1.50	66.76	
PERIOD		16.77770	ug/m^3	R_006	594764.47	4124644.05	66.57	1.50	66.57	
PERIOD		16.79700	ug/m^3	R_007	594764.47	4124664.05	66.45	1.50	66.45	
PERIOD		16.62774	ug/m^3	R_008	594764.47	4124684.05	66.45	1.50	66.45	
PERIOD		16.63743	ug/m^3	R_009	594764.47	4124704.05	66.32	1.50	66.32	
PERIOD		16.56594	ug/m^3	R_010	594764.47	4124724.05	66.15	1.50	66.15	
PERIOD		16.54225	ug/m^3	R_011	594764.47	4124744.05	65.95	1.50	65.95	
PERIOD		24.14060	ug/m^3	R_012	594764.47	4124944.05	65.10	1.50	65.10	
PERIOD		25.01210	ug/m^3	R_013	594764.47	4124964.05	65.01	1.50	65.01	
PERIOD		26.23258	ug/m^3	R_014	594764.47	4124984.05	65.01	1.50	65.01	
PERIOD		28.40758	ug/m^3	R_015	594764.47	4125004.05	65.01	1.50	65.01	
PERIOD		32.94112	ug/m^3	R_016	594764.47	4125024.05	64.93	1.50	64.93	
PERIOD		44.27561	ug/m^3	R_017	594764.47	4125044.05	64.73	1.50	64.73	
PERIOD		34.26457	ug/m^3	R_018	594764.47	4125064.05	64.71	1.50	64.71	
PERIOD		36.59866	ug/m^3	R_019	594764.47	4125084.05	64.63	1.50	64.63	
PERIOD		32.93586	ug/m^3	R_020	594764.47	4125104.05	64.43	1.50	64.43	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		27.56461	ug/m^3	R_021	594764.47	4125124.05	64.40	1.50	64.40	
PERIOD		24.43131	ug/m^3	R_022	594764.47	4125144.05	64.32	1.50	64.32	
PERIOD		21.75208	ug/m^3	R_023	594764.47	4125164.05	64.12	1.50	64.12	
PERIOD		17.76622	ug/m^3	R_024	594764.47	4125184.05	64.10	1.50	64.10	
PERIOD		11.38271	ug/m^3	R_025	594764.47	4125204.05	64.10	1.50	64.10	
PERIOD		6.42179	ug/m^3	R_026	594764.47	4125224.05	64.10	1.50	64.10	
PERIOD		4.58479	ug/m^3	R_027	594764.47	4125244.05	64.10	1.50	64.10	
PERIOD		3.60253	ug/m^3	R_028	594764.47	4125264.05	64.10	1.50	64.10	
PERIOD		13.18375	ug/m^3	R_029	594784.47	4124544.05	67.28	1.50	796.44	
PERIOD		13.20377	ug/m^3	R_030	594784.47	4124564.05	67.08	1.50	796.44	
PERIOD		13.20314	ug/m^3	R_031	594784.47	4124584.05	66.88	1.50	66.88	
PERIOD		13.16186	ug/m^3	R_032	594784.47	4124604.05	66.72	1.50	66.72	
PERIOD		13.06165	ug/m^3	R_033	594784.47	4124624.05	66.65	1.50	66.65	
PERIOD		12.97854	ug/m^3	R_034	594784.47	4124644.05	66.53	1.50	66.53	
PERIOD		12.90408	ug/m^3	R_035	594784.47	4124664.05	66.42	1.50	66.42	
PERIOD		12.83194	ug/m^3	R_036	594784.47	4124684.05	66.34	1.50	66.34	
PERIOD		12.77406	ug/m^3	R_037	594784.47	4124704.05	66.22	1.50	66.22	
PERIOD		12.72295	ug/m^3	R_038	594784.47	4124724.05	66.06	1.50	66.06	
PERIOD		12.68389	ug/m^3	R_039	594784.47	4124744.05	65.86	1.50	65.86	
PERIOD		14.45988	ug/m^3	R_040	594784.47	4124944.05	65.00	1.50	65.00	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		15.33693	ug/m^3	R_041	594784.47	4124964.05	64.89	1.50	64.89	
PERIOD		16.65256	ug/m^3	R_042	594784.47	4124984.05	64.82	1.50	64.82	
PERIOD		18.85637	ug/m^3	R_043	594784.47	4125004.05	64.81	1.50	64.81	
PERIOD		23.26902	ug/m^3	R_044	594784.47	4125024.05	64.76	1.50	64.76	
PERIOD		34.19715	ug/m^3	R_045	594784.47	4125044.05	64.63	1.50	64.63	
PERIOD		25.89459	ug/m^3	R_046	594784.47	4125064.05	64.55	1.50	64.55	
PERIOD		28.66052	ug/m^3	R_047	594784.47	4125084.05	64.45	1.50	64.45	
PERIOD		24.79237	ug/m^3	R_048	594784.47	4125104.05	64.33	1.50	64.33	
PERIOD		19.35565	ug/m^3	R_049	594784.47	4125124.05	64.25	1.50	64.25	
PERIOD		16.16137	ug/m^3	R_050	594784.47	4125144.05	64.15	1.50	64.15	
PERIOD		13.42220	ug/m^3	R_051	594784.47	4125164.05	64.02	1.50	64.02	
PERIOD		10.31850	ug/m^3	R_052	594784.47	4125184.05	63.94	1.50	63.94	
PERIOD		7.19995	ug/m^3	R_053	594784.47	4125204.05	63.89	1.50	63.89	
PERIOD		5.15445	ug/m^3	R_054	594784.47	4125224.05	63.89	1.50	63.89	
PERIOD		4.00486	ug/m^3	R_055	594784.47	4125244.05	63.89	1.50	63.89	
PERIOD		3.24966	ug/m^3	R_056	594784.47	4125264.05	63.89	1.50	63.89	
PERIOD		7.92574	ug/m^3	R_057	594804.47	4124524.05	67.35	1.50	796.44	
PERIOD		8.00051	ug/m^3	R_058	594804.47	4124544.05	67.27	1.50	796.44	
PERIOD		8.06085	ug/m^3	R_059	594804.47	4124564.05	67.08	1.50	67.08	
PERIOD		8.10251	ug/m^3	R_060	594804.47	4124584.05	66.88	1.50	66.88	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		8.13240	ug/m^3	R_061	594804.47	4124604.05	66.67	1.50	66.67	
PERIOD		8.14970	ug/m^3	R_062	594804.47	4124624.05	66.47	1.50	66.47	
PERIOD		8.12956	ug/m^3	R_063	594804.47	4124644.05	66.45	1.50	66.45	
PERIOD		8.12096	ug/m^3	R_064	594804.47	4124664.05	66.37	1.50	66.37	
PERIOD		8.13717	ug/m^3	R_065	594804.47	4124684.05	66.17	1.50	66.17	
PERIOD		8.12895	ug/m^3	R_066	594804.47	4124704.05	66.13	1.50	66.13	
PERIOD		8.13235	ug/m^3	R_067	594804.47	4124724.05	66.05	1.50	66.05	
PERIOD		8.16408	ug/m^3	R_068	594804.47	4124744.05	65.86	1.50	65.86	
PERIOD		10.51816	ug/m^3	R_069	594804.47	4124944.05	64.91	1.50	64.91	
PERIOD		11.37340	ug/m^3	R_070	594804.47	4124964.05	64.84	1.50	64.84	
PERIOD		12.69071	ug/m^3	R_071	594804.47	4124984.05	64.64	1.50	64.64	
PERIOD		14.86183	ug/m^3	R_072	594804.47	4125004.05	64.61	1.50	64.61	
PERIOD		19.19766	ug/m^3	R_073	594804.47	4125024.05	64.60	1.50	64.60	
PERIOD		29.68674	ug/m^3	R_074	594804.47	4125044.05	64.60	1.50	64.60	
PERIOD		22.43602	ug/m^3	R_075	594804.47	4125064.05	64.43	1.50	64.43	
PERIOD		25.54965	ug/m^3	R_076	594804.47	4125084.05	64.30	1.50	64.30	
PERIOD		21.39801	ug/m^3	R_077	594804.47	4125104.05	64.30	1.50	64.30	
PERIOD		15.84013	ug/m^3	R_078	594804.47	4125124.05	64.12	1.50	64.12	
PERIOD		12.57354	ug/m^3	R_079	594804.47	4125144.05	63.99	1.50	63.99	
PERIOD		9.95529	ug/m^3	R_080	594804.47	4125164.05	63.99	1.50	63.99	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		7.61370	ug/m^3	R_081	594804.47	4125184.05	63.82	1.50	63.82	
PERIOD		5.72383	ug/m^3	R_082	594804.47	4125204.05	63.69	1.50	63.69	
PERIOD		4.45071	ug/m^3	R_083	594804.47	4125224.05	63.69	1.50	63.69	
PERIOD		3.60190	ug/m^3	R_084	594804.47	4125244.05	63.69	1.50	63.69	
PERIOD		2.97907	ug/m^3	R_085	594804.47	4125264.05	63.69	1.50	63.69	
PERIOD		5.36592	ug/m^3	R_086	594824.47	4124504.05	67.39	1.50	796.44	
PERIOD		5.49613	ug/m^3	R_087	594824.47	4124524.05	67.23	1.50	796.44	
PERIOD		5.57651	ug/m^3	R_088	594824.47	4124544.05	67.12	1.50	796.44	
PERIOD		5.62524	ug/m^3	R_089	594824.47	4124564.05	67.06	1.50	67.06	
PERIOD		5.67671	ug/m^3	R_090	594824.47	4124584.05	66.88	1.50	66.88	
PERIOD		5.72260	ug/m^3	R_091	594824.47	4124604.05	66.67	1.50	66.67	
PERIOD		5.75889	ug/m^3	R_092	594824.47	4124624.05	66.47	1.50	66.47	
PERIOD		5.76762	ug/m^3	R_093	594824.47	4124644.05	66.45	1.50	66.45	
PERIOD		5.78603	ug/m^3	R_094	594824.47	4124664.05	66.37	1.50	66.37	
PERIOD		5.82437	ug/m^3	R_095	594824.47	4124684.05	66.17	1.50	66.17	
PERIOD		5.86289	ug/m^3	R_096	594824.47	4124704.05	66.01	1.50	66.01	
PERIOD		5.90099	ug/m^3	R_097	594824.47	4124724.05	65.90	1.50	65.90	
PERIOD		5.94215	ug/m^3	R_098	594824.47	4124744.05	65.84	1.50	65.84	
PERIOD		7.88489	ug/m^3	R_099	594824.47	4124924.05	64.72	1.50	64.72	
PERIOD		8.47436	ug/m^3	R_100	594824.47	4124944.05	64.71	1.50	64.71	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		9.29969	ug/m^3	R_101	594824.47	4124964.05	64.68	1.50	64.68	
PERIOD		10.55356	ug/m^3	R_102	594824.47	4124984.05	64.62	1.50	64.62	
PERIOD		12.72121	ug/m^3	R_103	594824.47	4125004.05	64.49	1.50	64.49	
PERIOD		17.05631	ug/m^3	R_104	594824.47	4125024.05	64.40	1.50	64.40	
PERIOD		27.52873	ug/m^3	R_105	594824.47	4125044.05	64.40	1.50	64.40	
PERIOD		20.78343	ug/m^3	R_106	594824.47	4125064.05	64.22	1.50	64.22	
PERIOD		24.03579	ug/m^3	R_107	594824.47	4125084.05	64.10	1.50	64.10	
PERIOD		19.67012	ug/m^3	R_108	594824.47	4125104.05	64.10	1.50	64.10	
PERIOD		13.93372	ug/m^3	R_109	594824.47	4125124.05	63.92	1.50	63.92	
PERIOD		10.64953	ug/m^3	R_110	594824.47	4125144.05	63.79	1.50	63.79	
PERIOD		8.24304	ug/m^3	R_111	594824.47	4125164.05	63.79	1.50	63.79	
PERIOD		6.37226	ug/m^3	R_112	594824.47	4125184.05	63.61	1.50	63.61	
PERIOD		4.98025	ug/m^3	R_113	594824.47	4125204.05	63.49	1.50	63.49	
PERIOD		3.99963	ug/m^3	R_114	594824.47	4125224.05	63.49	1.50	63.49	
PERIOD		3.29195	ug/m^3	R_115	594824.47	4125244.05	63.49	1.50	63.49	
PERIOD		2.75148	ug/m^3	R_116	594824.47	4125264.05	63.43	1.50	63.43	
PERIOD		3.89684	ug/m^3	R_117	594844.47	4124484.05	67.50	1.50	796.44	
PERIOD		4.02994	ug/m^3	R_118	594844.47	4124504.05	67.38	1.50	796.44	
PERIOD		4.13610	ug/m^3	R_119	594844.47	4124524.05	67.18	1.50	796.44	
PERIOD		4.21343	ug/m^3	R_120	594844.47	4124544.05	67.03	1.50	796.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		4.26668	ug/m^3	R_121	594844.47	4124564.05	66.95	1.50	66.95	
PERIOD		4.31320	ug/m^3	R_122	594844.47	4124584.05	66.83	1.50	66.83	
PERIOD		4.35652	ug/m^3	R_123	594844.47	4124604.05	66.67	1.50	66.67	
PERIOD		4.39826	ug/m^3	R_124	594844.47	4124624.05	66.47	1.50	66.47	
PERIOD		4.42829	ug/m^3	R_125	594844.47	4124644.05	66.38	1.50	66.38	
PERIOD		4.46154	ug/m^3	R_126	594844.47	4124664.05	66.28	1.50	66.28	
PERIOD		4.50127	ug/m^3	R_127	594844.47	4124684.05	66.16	1.50	66.16	
PERIOD		4.55432	ug/m^3	R_128	594844.47	4124704.05	65.96	1.50	65.96	
PERIOD		4.61006	ug/m^3	R_129	594844.47	4124724.05	65.81	1.50	65.81	
PERIOD		4.66979	ug/m^3	R_130	594844.47	4124744.05	65.73	1.50	65.73	
PERIOD		6.64637	ug/m^3	R_131	594844.47	4124924.05	64.63	1.50	64.63	
PERIOD		7.22895	ug/m^3	R_132	594844.47	4124944.05	64.55	1.50	64.55	
PERIOD		8.03810	ug/m^3	R_133	594844.47	4124964.05	64.50	1.50	64.50	
PERIOD		9.26509	ug/m^3	R_134	594844.47	4124984.05	64.50	1.50	64.50	
PERIOD		11.41587	ug/m^3	R_135	594844.47	4125004.05	64.39	1.50	64.39	
PERIOD		15.73368	ug/m^3	R_136	594844.47	4125024.05	64.28	1.50	64.28	
PERIOD		26.23617	ug/m^3	R_137	594844.47	4125044.05	64.21	1.50	64.21	
PERIOD		19.73741	ug/m^3	R_138	594844.47	4125064.05	64.09	1.50	64.09	
PERIOD		22.96986	ug/m^3	R_139	594844.47	4125084.05	63.98	1.50	63.98	
PERIOD		18.60043	ug/m^3	R_140	594844.47	4125104.05	63.90	1.50	63.90	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		12.71720	ug/m^3	R_141	594844.47	4125124.05	63.78	1.50	63.78	
PERIOD		9.47462	ug/m^3	R_142	594844.47	4125144.05	63.67	1.50	63.67	
PERIOD		7.26788	ug/m^3	R_143	594844.47	4125164.05	63.60	1.50	63.60	
PERIOD		5.66296	ug/m^3	R_144	594844.47	4125184.05	63.48	1.50	63.48	
PERIOD		4.50291	ug/m^3	R_145	594844.47	4125204.05	63.37	1.50	63.37	
PERIOD		3.66275	ug/m^3	R_146	594844.47	4125224.05	63.29	1.50	63.29	
PERIOD		3.03340	ug/m^3	R_147	594844.47	4125244.05	63.28	1.50	63.28	
PERIOD		2.54599	ug/m^3	R_148	594844.47	4125264.05	63.21	1.50	63.21	
PERIOD		3.11315	ug/m^3	R_149	594864.47	4124484.05	67.36	1.50	796.44	
PERIOD		3.20516	ug/m^3	R_150	594864.47	4124504.05	67.35	1.50	796.44	
PERIOD		3.28854	ug/m^3	R_151	594864.47	4124524.05	67.17	1.50	796.44	
PERIOD		3.35879	ug/m^3	R_152	594864.47	4124544.05	66.97	1.50	796.44	
PERIOD		3.41877	ug/m^3	R_153	594864.47	4124564.05	66.77	1.50	796.44	
PERIOD		3.45839	ug/m^3	R_154	594864.47	4124584.05	66.74	1.50	66.74	
PERIOD		3.49604	ug/m^3	R_155	594864.47	4124604.05	66.66	1.50	66.66	
PERIOD		3.53926	ug/m^3	R_156	594864.47	4124624.05	66.46	1.50	66.46	
PERIOD		3.58303	ug/m^3	R_157	594864.47	4124644.05	66.26	1.50	66.26	
PERIOD		3.62445	ug/m^3	R_158	594864.47	4124664.05	66.14	1.50	66.14	
PERIOD		3.66257	ug/m^3	R_159	594864.47	4124684.05	66.13	1.50	66.13	
PERIOD		3.71813	ug/m^3	R_160	594864.47	4124704.05	65.96	1.50	65.96	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.78418	ug/m^3	R_161	594864.47	4124724.05	65.76	1.50	65.76	
PERIOD		3.86192	ug/m^3	R_162	594864.47	4124744.05	65.56	1.50	65.56	
PERIOD		5.81391	ug/m^3	R_163	594864.47	4124924.05	64.61	1.50	64.61	
PERIOD		6.38951	ug/m^3	R_164	594864.47	4124944.05	64.43	1.50	64.43	
PERIOD		7.19412	ug/m^3	R_165	594864.47	4124964.05	64.31	1.50	64.31	
PERIOD		8.41881	ug/m^3	R_166	594864.47	4124984.05	64.30	1.50	64.30	
PERIOD		10.54746	ug/m^3	R_167	594864.47	4125004.05	64.30	1.50	64.30	
PERIOD		14.83685	ug/m^3	R_168	594864.47	4125024.05	64.22	1.50	64.22	
PERIOD		25.44256	ug/m^3	R_169	594864.47	4125044.05	64.02	1.50	64.02	
PERIOD		19.00787	ug/m^3	R_170	594864.47	4125064.05	63.99	1.50	63.99	
PERIOD		22.20515	ug/m^3	R_171	594864.47	4125084.05	63.92	1.50	63.92	
PERIOD		17.80379	ug/m^3	R_172	594864.47	4125104.05	63.71	1.50	63.71	
PERIOD		11.84686	ug/m^3	R_173	594864.47	4125124.05	63.69	1.50	63.69	
PERIOD		8.67985	ug/m^3	R_174	594864.47	4125144.05	63.61	1.50	63.61	
PERIOD		6.63405	ug/m^3	R_175	594864.47	4125164.05	63.41	1.50	63.41	
PERIOD		5.18113	ug/m^3	R_176	594864.47	4125184.05	63.38	1.50	63.38	
PERIOD		4.14071	ug/m^3	R_177	594864.47	4125204.05	63.31	1.50	63.31	
PERIOD		3.38205	ug/m^3	R_178	594864.47	4125224.05	63.10	1.50	63.10	
PERIOD		2.80391	ug/m^3	R_179	594864.47	4125244.05	63.08	1.50	63.08	
PERIOD		2.35588	ug/m^3	R_180	594864.47	4125264.05	63.00	1.50	63.00	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.58062	ug/m^3	R_181	594884.47	4124484.05	67.31	1.50	796.44	
PERIOD		2.65908	ug/m^3	R_182	594884.47	4124504.05	67.16	1.50	796.44	
PERIOD		2.72805	ug/m^3	R_183	594884.47	4124524.05	66.97	1.50	796.44	
PERIOD		2.78639	ug/m^3	R_184	594884.47	4124544.05	66.82	1.50	796.44	
PERIOD		2.83303	ug/m^3	R_185	594884.47	4124564.05	66.76	1.50	66.76	
PERIOD		2.87856	ug/m^3	R_186	594884.47	4124584.05	66.62	1.50	66.62	
PERIOD		2.92121	ug/m^3	R_187	594884.47	4124604.05	66.46	1.50	66.46	
PERIOD		2.96532	ug/m^3	R_188	594884.47	4124624.05	66.25	1.50	66.25	
PERIOD		3.00386	ug/m^3	R_189	594884.47	4124644.05	66.18	1.50	66.18	
PERIOD		3.04695	ug/m^3	R_190	594884.47	4124664.05	66.09	1.50	66.09	
PERIOD		3.09816	ug/m^3	R_191	594884.47	4124684.05	65.94	1.50	65.94	
PERIOD		3.15177	ug/m^3	R_192	594884.47	4124704.05	65.87	1.50	65.87	
PERIOD		3.21647	ug/m^3	R_193	594884.47	4124724.05	65.76	1.50	65.76	
PERIOD		3.29801	ug/m^3	R_194	594884.47	4124744.05	65.56	1.50	65.56	
PERIOD		5.23457	ug/m^3	R_195	594884.47	4124924.05	64.42	1.50	64.42	
PERIOD		5.78732	ug/m^3	R_196	594884.47	4124944.05	64.35	1.50	64.35	
PERIOD		6.57898	ug/m^3	R_197	594884.47	4124964.05	64.26	1.50	64.26	
PERIOD		7.81787	ug/m^3	R_198	594884.47	4124984.05	64.11	1.50	64.11	
PERIOD		9.95562	ug/m^3	R_199	594884.47	4125004.05	64.10	1.50	64.10	
PERIOD		14.25912	ug/m^3	R_200	594884.47	4125024.05	64.02	1.50	64.02	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		24.97960	ug/m^3	R_201	594884.47	4125044.05	63.82	1.50	63.82	
PERIOD		18.80538	ug/m^3	R_202	594884.47	4125064.05	63.79	1.50	63.79	
PERIOD		21.80945	ug/m^3	R_203	594884.47	4125084.05	63.71	1.50	63.71	
PERIOD		17.09860	ug/m^3	R_204	594884.47	4125104.05	63.51	1.50	63.51	
PERIOD		11.18963	ug/m^3	R_205	594884.47	4125124.05	63.49	1.50	63.49	
PERIOD		8.10975	ug/m^3	R_206	594884.47	4125144.05	63.41	1.50	63.41	
PERIOD		6.16372	ug/m^3	R_207	594884.47	4125164.05	63.21	1.50	63.21	
PERIOD		4.80696	ug/m^3	R_208	594884.47	4125184.05	63.18	1.50	63.18	
PERIOD		3.83912	ug/m^3	R_209	594884.47	4125204.05	63.10	1.50	63.10	
PERIOD		3.13015	ug/m^3	R_210	594884.47	4125224.05	62.90	1.50	62.90	
PERIOD		2.59113	ug/m^3	R_211	594884.47	4125244.05	62.88	1.50	62.88	
PERIOD		2.17599	ug/m^3	R_212	594884.47	4125264.05	62.80	1.50	62.80	
PERIOD		2.20334	ug/m^3	R_213	594904.47	4124484.05	67.17	1.50	796.44	
PERIOD		2.26907	ug/m^3	R_214	594904.47	4124504.05	66.97	1.50	796.44	
PERIOD		2.32516	ug/m^3	R_215	594904.47	4124524.05	66.83	1.50	796.44	
PERIOD		2.37486	ug/m^3	R_216	594904.47	4124544.05	66.72	1.50	796.44	
PERIOD		2.41853	ug/m^3	R_217	594904.47	4124564.05	66.65	1.50	66.65	
PERIOD		2.46087	ug/m^3	R_218	594904.47	4124584.05	66.53	1.50	66.53	
PERIOD		2.50306	ug/m^3	R_219	594904.47	4124604.05	66.37	1.50	66.37	
PERIOD		2.54706	ug/m^3	R_220	594904.47	4124624.05	66.17	1.50	66.17	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.58914	ug/m^3	R_221	594904.47	4124644.05	66.07	1.50	66.07	
PERIOD		2.63459	ug/m^3	R_222	594904.47	4124664.05	65.98	1.50	65.98	
PERIOD		2.68701	ug/m^3	R_223	594904.47	4124684.05	65.85	1.50	65.85	
PERIOD		2.74463	ug/m^3	R_224	594904.47	4124704.05	65.77	1.50	65.77	
PERIOD		2.81376	ug/m^3	R_225	594904.47	4124724.05	65.64	1.50	65.64	
PERIOD		2.89786	ug/m^3	R_226	594904.47	4124744.05	65.44	1.50	65.44	
PERIOD		4.79467	ug/m^3	R_227	594904.47	4124924.05	64.33	1.50	64.33	
PERIOD		5.33998	ug/m^3	R_228	594904.47	4124944.05	64.25	1.50	64.25	
PERIOD		6.12640	ug/m^3	R_229	594904.47	4124964.05	64.15	1.50	64.15	
PERIOD		7.36462	ug/m^3	R_230	594904.47	4124984.05	64.02	1.50	64.02	
PERIOD		9.52381	ug/m^3	R_231	594904.47	4125004.05	63.94	1.50	63.94	
PERIOD		13.88231	ug/m^3	R_232	594904.47	4125024.05	63.85	1.50	63.85	
PERIOD		24.67507	ug/m^3	R_233	594904.47	4125044.05	63.72	1.50	63.72	
PERIOD		18.65167	ug/m^3	R_234	594904.47	4125064.05	63.64	1.50	63.64	
PERIOD		21.25197	ug/m^3	R_235	594904.47	4125084.05	63.54	1.50	63.54	
PERIOD		16.36023	ug/m^3	R_236	594904.47	4125104.05	63.41	1.50	63.41	
PERIOD		10.63318	ug/m^3	R_237	594904.47	4125124.05	63.33	1.50	63.33	
PERIOD		7.64192	ug/m^3	R_238	594904.47	4125144.05	63.24	1.50	63.24	
PERIOD		5.76311	ug/m^3	R_239	594904.47	4125164.05	63.11	1.50	63.11	
PERIOD		4.47381	ug/m^3	R_240	594904.47	4125184.05	63.03	1.50	63.03	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.55797	ug/m^3	R_241	594904.47	4125204.05	62.93	1.50	62.93	
PERIOD		2.88888	ug/m^3	R_242	594904.47	4125224.05	62.80	1.50	62.80	
PERIOD		2.38697	ug/m^3	R_243	594904.47	4125244.05	62.72	1.50	62.72	
PERIOD		2.00322	ug/m^3	R_244	594904.47	4125264.05	62.63	1.50	62.63	
PERIOD		1.92291	ug/m^3	R_245	594924.47	4124484.05	66.98	1.50	796.44	
PERIOD		1.97816	ug/m^3	R_246	594924.47	4124504.05	66.78	1.50	796.44	
PERIOD		2.02346	ug/m^3	R_247	594924.47	4124524.05	66.74	1.50	796.44	
PERIOD		2.06684	ug/m^3	R_248	594924.47	4124544.05	66.66	1.50	796.44	
PERIOD		2.11107	ug/m^3	R_249	594924.47	4124564.05	66.47	1.50	66.47	
PERIOD		2.14894	ug/m^3	R_250	594924.47	4124584.05	66.44	1.50	66.44	
PERIOD		2.18803	ug/m^3	R_251	594924.47	4124604.05	66.36	1.50	66.36	
PERIOD		2.23182	ug/m^3	R_252	594924.47	4124624.05	66.17	1.50	66.17	
PERIOD		2.27886	ug/m^3	R_253	594924.47	4124644.05	65.96	1.50	65.96	
PERIOD		2.32738	ug/m^3	R_254	594924.47	4124664.05	65.83	1.50	65.83	
PERIOD		2.37769	ug/m^3	R_255	594924.47	4124684.05	65.82	1.50	65.82	
PERIOD		2.44076	ug/m^3	R_256	594924.47	4124704.05	65.65	1.50	65.65	
PERIOD		2.51420	ug/m^3	R_257	594924.47	4124724.05	65.46	1.50	65.46	
PERIOD		2.59946	ug/m^3	R_258	594924.47	4124744.05	65.25	1.50	65.25	
PERIOD		4.45069	ug/m^3	R_259	594924.47	4124924.05	64.30	1.50	64.30	
PERIOD		4.99478	ug/m^3	R_260	594924.47	4124944.05	64.13	1.50	64.13	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		5.78300	ug/m^3	R_261	594924.47	4124964.05	64.00	1.50	64.00	
PERIOD		7.01332	ug/m^3	R_262	594924.47	4124984.05	64.00	1.50	64.00	
PERIOD		9.21085	ug/m^3	R_263	594924.47	4125004.05	63.82	1.50	63.82	
PERIOD		13.69288	ug/m^3	R_264	594924.47	4125024.05	63.70	1.50	63.70	
PERIOD		24.68200	ug/m^3	R_265	594924.47	4125044.05	63.69	1.50	63.69	
PERIOD		18.48126	ug/m^3	R_266	594924.47	4125064.05	63.52	1.50	63.52	
PERIOD		20.56719	ug/m^3	R_267	594924.47	4125084.05	63.40	1.50	63.40	
PERIOD		15.64740	ug/m^3	R_268	594924.47	4125104.05	63.39	1.50	63.39	
PERIOD		10.13949	ug/m^3	R_269	594924.47	4125124.05	63.21	1.50	63.21	
PERIOD		7.22024	ug/m^3	R_270	594924.47	4125144.05	63.09	1.50	63.09	
PERIOD		5.38378	ug/m^3	R_271	594924.47	4125164.05	63.08	1.50	63.08	
PERIOD		4.15076	ug/m^3	R_272	594924.47	4125184.05	62.90	1.50	62.90	
PERIOD		3.28129	ug/m^3	R_273	594924.47	4125204.05	62.78	1.50	62.78	
PERIOD		2.65066	ug/m^3	R_274	594924.47	4125224.05	62.78	1.50	62.78	
PERIOD		2.18771	ug/m^3	R_275	594924.47	4125244.05	62.60	1.50	62.60	
PERIOD		1.83640	ug/m^3	R_276	594924.47	4125264.05	62.47	1.50	62.47	
PERIOD		1.70140	ug/m^3	R_277	594944.47	4124484.05	66.98	1.50	796.44	
PERIOD		1.74887	ug/m^3	R_278	594944.47	4124504.05	66.78	1.50	796.44	
PERIOD		1.79197	ug/m^3	R_279	594944.47	4124524.05	66.62	1.50	796.44	
PERIOD		1.83207	ug/m^3	R_280	594944.47	4124544.05	66.51	1.50	796.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.87006	ug/m^3	R_281	594944.47	4124564.05	66.45	1.50	66.45	
PERIOD		1.90958	ug/m^3	R_282	594944.47	4124584.05	66.32	1.50	66.32	
PERIOD		1.94933	ug/m^3	R_283	594944.47	4124604.05	66.21	1.50	66.21	
PERIOD		1.98972	ug/m^3	R_284	594944.47	4124624.05	66.15	1.50	66.15	
PERIOD		2.03668	ug/m^3	R_285	594944.47	4124644.05	65.96	1.50	65.96	
PERIOD		2.08777	ug/m^3	R_286	594944.47	4124664.05	65.78	1.50	65.78	
PERIOD		2.14377	ug/m^3	R_287	594944.47	4124684.05	65.64	1.50	65.64	
PERIOD		2.20538	ug/m^3	R_288	594944.47	4124704.05	65.57	1.50	65.57	
PERIOD		2.27760	ug/m^3	R_289	594944.47	4124724.05	65.46	1.50	65.46	
PERIOD		2.36369	ug/m^3	R_290	594944.47	4124744.05	65.25	1.50	65.25	
PERIOD		4.18476	ug/m^3	R_291	594944.47	4124924.05	64.11	1.50	64.11	
PERIOD		4.72052	ug/m^3	R_292	594944.47	4124944.05	64.04	1.50	64.04	
PERIOD		5.50621	ug/m^3	R_293	594944.47	4124964.05	63.95	1.50	63.95	
PERIOD		6.76169	ug/m^3	R_294	594944.47	4124984.05	63.81	1.50	63.81	
PERIOD		8.98765	ug/m^3	R_295	594944.47	4125004.05	63.74	1.50	63.74	
PERIOD		13.60896	ug/m^3	R_296	594944.47	4125024.05	63.65	1.50	63.65	
PERIOD		25.16288	ug/m^3	R_297	594944.47	4125044.05	63.50	1.50	63.50	
PERIOD		18.09249	ug/m^3	R_298	594944.47	4125064.05	63.43	1.50	63.43	
PERIOD		19.82316	ug/m^3	R_299	594944.47	4125084.05	63.34	1.50	63.34	
PERIOD		15.09786	ug/m^3	R_300	594944.47	4125104.05	63.20	1.50	63.20	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		9.67111	ug/m^3	R_301	594944.47	4125124.05	63.13	1.50	63.13	
PERIOD		6.79247	ug/m^3	R_302	594944.47	4125144.05	63.04	1.50	63.04	
PERIOD		5.01009	ug/m^3	R_303	594944.47	4125164.05	62.89	1.50	62.89	
PERIOD		3.82474	ug/m^3	R_304	594944.47	4125184.05	62.70	1.50	62.70	
PERIOD		3.00402	ug/m^3	R_305	594944.47	4125204.05	62.57	1.50	62.57	
PERIOD		2.41862	ug/m^3	R_306	594944.47	4125224.05	62.57	1.50	62.57	
PERIOD		1.99442	ug/m^3	R_307	594944.47	4125244.05	62.39	1.50	62.39	
PERIOD		1.67578	ug/m^3	R_308	594944.47	4125264.05	62.27	1.50	62.27	
PERIOD		1.52803	ug/m^3	R_309	594964.47	4124484.05	66.89	1.50	796.44	
PERIOD		1.56814	ug/m^3	R_310	594964.47	4124504.05	66.77	1.50	796.44	
PERIOD		1.60777	ug/m^3	R_311	594964.47	4124524.05	66.57	1.50	796.44	
PERIOD		1.64559	ug/m^3	R_312	594964.47	4124544.05	66.42	1.50	796.44	
PERIOD		1.68214	ug/m^3	R_313	594964.47	4124564.05	66.34	1.50	66.34	
PERIOD		1.72028	ug/m^3	R_314	594964.47	4124584.05	66.22	1.50	66.22	
PERIOD		1.75981	ug/m^3	R_315	594964.47	4124604.05	66.11	1.50	66.11	
PERIOD		1.80093	ug/m^3	R_316	594964.47	4124624.05	66.04	1.50	66.04	
PERIOD		1.84667	ug/m^3	R_317	594964.47	4124644.05	65.92	1.50	65.92	
PERIOD		1.89811	ug/m^3	R_318	594964.47	4124664.05	65.76	1.50	65.76	
PERIOD		1.95658	ug/m^3	R_319	594964.47	4124684.05	65.56	1.50	65.56	
PERIOD		2.02036	ug/m^3	R_320	594964.47	4124704.05	65.46	1.50	65.46	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.09291	ug/m^3	R_321	594964.47	4124724.05	65.37	1.50	65.37	
PERIOD		2.17732	ug/m^3	R_322	594964.47	4124744.05	65.24	1.50	65.24	
PERIOD		3.96414	ug/m^3	R_323	594964.47	4124924.05	64.03	1.50	64.03	
PERIOD		4.49991	ug/m^3	R_324	594964.47	4124944.05	63.94	1.50	63.94	
PERIOD		5.28890	ug/m^3	R_325	594964.47	4124964.05	63.85	1.50	63.85	
PERIOD		6.55757	ug/m^3	R_326	594964.47	4124984.05	63.72	1.50	63.72	
PERIOD		8.83121	ug/m^3	R_327	594964.47	4125004.05	63.64	1.50	63.64	
PERIOD		13.58129	ug/m^3	R_328	594964.47	4125024.05	63.54	1.50	63.54	
PERIOD		25.34832	ug/m^3	R_329	594964.47	4125044.05	63.41	1.50	63.41	
PERIOD		17.71654	ug/m^3	R_330	594964.47	4125064.05	63.33	1.50	63.33	
PERIOD		19.20682	ug/m^3	R_331	594964.47	4125084.05	63.24	1.50	63.24	
PERIOD		14.56518	ug/m^3	R_332	594964.47	4125104.05	63.11	1.50	63.11	
PERIOD		9.18691	ug/m^3	R_333	594964.47	4125124.05	63.03	1.50	63.03	
PERIOD		6.34078	ug/m^3	R_334	594964.47	4125144.05	62.90	1.50	62.90	
PERIOD		4.60971	ug/m^3	R_335	594964.47	4125164.05	62.70	1.50	62.70	
PERIOD		3.48121	ug/m^3	R_336	594964.47	4125184.05	62.56	1.50	62.56	
PERIOD		2.71950	ug/m^3	R_337	594964.47	4125204.05	62.46	1.50	62.46	
PERIOD		2.18817	ug/m^3	R_338	594964.47	4125224.05	62.38	1.50	62.38	
PERIOD		1.80570	ug/m^3	R_339	594964.47	4125244.05	62.26	1.50	62.26	
PERIOD		1.52145	ug/m^3	R_340	594964.47	4125264.05	62.15	1.50	62.15	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.38856	ug/m^3	R_341	594984.47	4124484.05	66.75	1.50	796.44	
PERIOD		1.42277	ug/m^3	R_342	594984.47	4124504.05	66.74	1.50	796.44	
PERIOD		1.45875	ug/m^3	R_343	594984.47	4124524.05	66.56	1.50	796.44	
PERIOD		1.49500	ug/m^3	R_344	594984.47	4124544.05	66.36	1.50	796.44	
PERIOD		1.53199	ug/m^3	R_345	594984.47	4124564.05	66.17	1.50	66.17	
PERIOD		1.56784	ug/m^3	R_346	594984.47	4124584.05	66.13	1.50	66.13	
PERIOD		1.60656	ug/m^3	R_347	594984.47	4124604.05	66.05	1.50	66.05	
PERIOD		1.65022	ug/m^3	R_348	594984.47	4124624.05	65.86	1.50	65.86	
PERIOD		1.69484	ug/m^3	R_349	594984.47	4124644.05	65.83	1.50	65.83	
PERIOD		1.74533	ug/m^3	R_350	594984.47	4124664.05	65.75	1.50	65.75	
PERIOD		1.80460	ug/m^3	R_351	594984.47	4124684.05	65.54	1.50	65.54	
PERIOD		1.87085	ug/m^3	R_352	594984.47	4124704.05	65.35	1.50	65.35	
PERIOD		1.94480	ug/m^3	R_353	594984.47	4124724.05	65.22	1.50	65.22	
PERIOD		2.02676	ug/m^3	R_354	594984.47	4124744.05	65.21	1.50	65.21	
PERIOD		3.77886	ug/m^3	R_355	594984.47	4124924.05	64.02	1.50	64.02	
PERIOD		4.31987	ug/m^3	R_356	594984.47	4124944.05	63.82	1.50	63.82	
PERIOD		5.11618	ug/m^3	R_357	594984.47	4124964.05	63.70	1.50	63.70	
PERIOD		6.38636	ug/m^3	R_358	594984.47	4124984.05	63.69	1.50	63.69	
PERIOD		8.70289	ug/m^3	R_359	594984.47	4125004.05	63.52	1.50	63.52	
PERIOD		13.51441	ug/m^3	R_360	594984.47	4125024.05	63.40	1.50	63.40	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		21.73087	ug/m^3	R_361	594984.47	4125044.05	63.39	1.50	63.39	
PERIOD		17.36853	ug/m^3	R_362	594984.47	4125064.05	63.21	1.50	63.21	
PERIOD		18.72943	ug/m^3	R_363	594984.47	4125084.05	63.09	1.50	63.09	
PERIOD		13.96428	ug/m^3	R_364	594984.47	4125104.05	63.08	1.50	63.08	
PERIOD		8.62755	ug/m^3	R_365	594984.47	4125124.05	62.91	1.50	62.91	
PERIOD		5.82991	ug/m^3	R_366	594984.47	4125144.05	62.71	1.50	62.71	
PERIOD		4.17147	ug/m^3	R_367	594984.47	4125164.05	62.51	1.50	62.51	
PERIOD		3.12056	ug/m^3	R_368	594984.47	4125184.05	62.48	1.50	62.48	
PERIOD		2.43251	ug/m^3	R_369	594984.47	4125204.05	62.40	1.50	62.40	
PERIOD		1.96242	ug/m^3	R_370	594984.47	4125224.05	62.20	1.50	62.20	
PERIOD		1.62462	ug/m^3	R_371	594984.47	4125244.05	62.17	1.50	62.17	
PERIOD		1.37509	ug/m^3	R_372	594984.47	4125264.05	62.09	1.50	62.09	
PERIOD		1.27238	ug/m^3	R_373	595004.47	4124484.05	66.70	1.50	796.44	
PERIOD		1.30595	ug/m^3	R_374	595004.47	4124504.05	66.55	1.50	796.44	
PERIOD		1.33962	ug/m^3	R_375	595004.47	4124524.05	66.36	1.50	796.44	
PERIOD		1.37327	ug/m^3	R_376	595004.47	4124544.05	66.21	1.50	796.44	
PERIOD		1.40696	ug/m^3	R_377	595004.47	4124564.05	66.15	1.50	66.15	
PERIOD		1.44381	ug/m^3	R_378	595004.47	4124584.05	66.01	1.50	66.01	
PERIOD		1.48280	ug/m^3	R_379	595004.47	4124604.05	65.90	1.50	65.90	
PERIOD		1.52439	ug/m^3	R_380	595004.47	4124624.05	65.84	1.50	65.84	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.57124	ug/m^3	R_381	595004.47	4124644.05	65.71	1.50	65.71	
PERIOD		1.62393	ug/m^3	R_382	595004.47	4124664.05	65.54	1.50	65.54	
PERIOD		1.68319	ug/m^3	R_383	595004.47	4124684.05	65.34	1.50	65.34	
PERIOD		1.74779	ug/m^3	R_384	595004.47	4124704.05	65.26	1.50	65.26	
PERIOD		1.82110	ug/m^3	R_385	595004.47	4124724.05	65.17	1.50	65.17	
PERIOD		1.90507	ug/m^3	R_386	595004.47	4124744.05	65.03	1.50	65.03	
PERIOD		3.63093	ug/m^3	R_387	595004.47	4124924.05	63.82	1.50	63.82	
PERIOD		4.16711	ug/m^3	R_388	595004.47	4124944.05	63.74	1.50	63.74	
PERIOD		4.96391	ug/m^3	R_389	595004.47	4124964.05	63.65	1.50	63.65	
PERIOD		6.25468	ug/m^3	R_390	595004.47	4124984.05	63.50	1.50	63.50	
PERIOD		8.56569	ug/m^3	R_391	595004.47	4125004.05	63.43	1.50	63.43	
PERIOD		13.36830	ug/m^3	R_392	595004.47	4125024.05	63.34	1.50	63.34	
PERIOD		21.69998	ug/m^3	R_393	595004.47	4125044.05	63.20	1.50	63.20	
PERIOD		17.01073	ug/m^3	R_394	595004.47	4125064.05	63.13	1.50	63.13	
PERIOD		18.00394	ug/m^3	R_395	595004.47	4125084.05	63.04	1.50	63.04	
PERIOD		13.26193	ug/m^3	R_396	595004.47	4125104.05	62.89	1.50	62.89	
PERIOD		7.92410	ug/m^3	R_397	595004.47	4125124.05	62.83	1.50	62.83	
PERIOD		5.21823	ug/m^3	R_398	595004.47	4125144.05	62.71	1.50	62.71	
PERIOD		3.68661	ug/m^3	R_399	595004.47	4125164.05	62.51	1.50	62.51	
PERIOD		2.75350	ug/m^3	R_400	595004.47	4125184.05	62.36	1.50	62.36	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.15253	ug/m^3	R_401	595004.47	4125204.05	62.25	1.50	62.25	
PERIOD		1.74429	ug/m^3	R_402	595004.47	4125224.05	62.19	1.50	62.19	
PERIOD		1.45410	ug/m^3	R_403	595004.47	4125244.05	62.05	1.50	62.05	
PERIOD		1.23878	ug/m^3	R_404	595004.47	4125264.05	61.89	1.50	61.89	
PERIOD		1.17632	ug/m^3	R_405	595024.47	4124484.05	66.59	1.50	796.44	
PERIOD		1.20734	ug/m^3	R_406	595024.47	4124504.05	66.46	1.50	796.44	
PERIOD		1.23925	ug/m^3	R_407	595024.47	4124524.05	66.27	1.50	796.44	
PERIOD		1.27174	ug/m^3	R_408	595024.47	4124544.05	66.11	1.50	796.44	
PERIOD		1.30476	ug/m^3	R_409	595024.47	4124564.05	66.04	1.50	66.04	
PERIOD		1.34071	ug/m^3	R_410	595024.47	4124584.05	65.92	1.50	65.92	
PERIOD		1.37955	ug/m^3	R_411	595024.47	4124604.05	65.81	1.50	65.81	
PERIOD		1.42159	ug/m^3	R_412	595024.47	4124624.05	65.73	1.50	65.73	
PERIOD		1.46856	ug/m^3	R_413	595024.47	4124644.05	65.61	1.50	65.61	
PERIOD		1.52117	ug/m^3	R_414	595024.47	4124664.05	65.46	1.50	65.46	
PERIOD		1.58050	ug/m^3	R_415	595024.47	4124684.05	65.25	1.50	65.25	
PERIOD		1.64538	ug/m^3	R_416	595024.47	4124704.05	65.16	1.50	65.16	
PERIOD		1.71852	ug/m^3	R_417	595024.47	4124724.05	65.06	1.50	65.06	
PERIOD		1.80111	ug/m^3	R_418	595024.47	4124744.05	64.94	1.50	64.94	
PERIOD		1.89539	ug/m^3	R_419	595024.47	4124764.05	64.74	1.50	64.74	
PERIOD		2.00064	ug/m^3	R_420	595024.47	4124784.05	64.59	1.50	64.59	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.11812	ug/m^3	R_421	595024.47	4124804.05	64.51	1.50	64.51	
PERIOD		2.25273	ug/m^3	R_422	595024.47	4124824.05	64.39	1.50	64.39	
PERIOD		2.40897	ug/m^3	R_423	595024.47	4124844.05	64.28	1.50	64.28	
PERIOD		2.59375	ug/m^3	R_424	595024.47	4124864.05	64.21	1.50	64.21	
PERIOD		2.82318	ug/m^3	R_425	595024.47	4124884.05	64.02	1.50	64.02	
PERIOD		3.11483	ug/m^3	R_426	595024.47	4124904.05	63.85	1.50	63.85	
PERIOD		3.50076	ug/m^3	R_427	595024.47	4124924.05	63.72	1.50	63.72	
PERIOD		4.03676	ug/m^3	R_428	595024.47	4124944.05	63.64	1.50	63.64	
PERIOD		4.83376	ug/m^3	R_429	595024.47	4124964.05	63.54	1.50	63.54	
PERIOD		6.11959	ug/m^3	R_430	595024.47	4124984.05	63.41	1.50	63.41	
PERIOD		8.41808	ug/m^3	R_431	595024.47	4125004.05	63.33	1.50	63.33	
PERIOD		13.20913	ug/m^3	R_432	595024.47	4125024.05	63.24	1.50	63.24	
PERIOD		21.49416	ug/m^3	R_433	595024.47	4125044.05	63.11	1.50	63.11	
PERIOD		16.52149	ug/m^3	R_434	595024.47	4125064.05	63.03	1.50	63.03	
PERIOD		25.10426	ug/m^3	R_435	595024.47	4125084.05	62.93	1.50	62.93	
PERIOD		12.22766	ug/m^3	R_436	595024.47	4125104.05	62.80	1.50	62.80	
PERIOD		7.04173	ug/m^3	R_437	595024.47	4125124.05	62.72	1.50	62.72	
PERIOD		4.53559	ug/m^3	R_438	595024.47	4125144.05	62.60	1.50	62.60	
PERIOD		3.18811	ug/m^3	R_439	595024.47	4125164.05	62.39	1.50	62.39	
PERIOD		2.39108	ug/m^3	R_440	595024.47	4125184.05	62.26	1.50	62.26	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.88480	ug/m^3	R_441	595024.47	4125204.05	62.15	1.50	62.15	
PERIOD		1.54129	ug/m^3	R_442	595024.47	4125224.05	62.07	1.50	62.07	
PERIOD		1.29597	ug/m^3	R_443	595024.47	4125244.05	61.89	1.50	61.89	
PERIOD		1.11261	ug/m^3	R_444	595024.47	4125264.05	61.71	1.50	61.71	
PERIOD		1.09571	ug/m^3	R_445	595044.47	4124484.05	66.44	1.50	796.44	
PERIOD		1.12380	ug/m^3	R_446	595044.47	4124504.05	66.43	1.50	796.44	
PERIOD		1.15414	ug/m^3	R_447	595044.47	4124524.05	66.26	1.50	796.44	
PERIOD		1.18609	ug/m^3	R_448	595044.47	4124544.05	66.06	1.50	796.44	
PERIOD		1.21993	ug/m^3	R_449	595044.47	4124564.05	65.86	1.50	65.86	
PERIOD		1.25450	ug/m^3	R_450	595044.47	4124584.05	65.83	1.50	65.83	
PERIOD		1.29278	ug/m^3	R_451	595044.47	4124604.05	65.75	1.50	65.75	
PERIOD		1.33623	ug/m^3	R_452	595044.47	4124624.05	65.56	1.50	65.56	
PERIOD		1.38228	ug/m^3	R_453	595044.47	4124644.05	65.52	1.50	65.52	
PERIOD		1.43399	ug/m^3	R_454	595044.47	4124664.05	65.44	1.50	65.44	
PERIOD		1.49302	ug/m^3	R_455	595044.47	4124684.05	65.24	1.50	65.24	
PERIOD		1.55899	ug/m^3	R_456	595044.47	4124704.05	65.04	1.50	65.04	
PERIOD		1.63167	ug/m^3	R_457	595044.47	4124724.05	64.92	1.50	64.92	
PERIOD		1.71129	ug/m^3	R_458	595044.47	4124744.05	64.91	1.50	64.91	
PERIOD		1.80302	ug/m^3	R_459	595044.47	4124764.05	64.73	1.50	64.73	
PERIOD		1.90625	ug/m^3	R_460	595044.47	4124784.05	64.53	1.50	64.53	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.02201	ug/m^3	R_461	595044.47	4124804.05	64.34	1.50	64.34	
PERIOD		2.15196	ug/m^3	R_462	595044.47	4124824.05	64.30	1.50	64.30	
PERIOD		2.30388	ug/m^3	R_463	595044.47	4124844.05	64.23	1.50	64.23	
PERIOD		2.48794	ug/m^3	R_464	595044.47	4124864.05	64.03	1.50	64.03	
PERIOD		2.71508	ug/m^3	R_465	595044.47	4124884.05	63.83	1.50	63.83	
PERIOD		3.00379	ug/m^3	R_466	595044.47	4124904.05	63.70	1.50	63.70	
PERIOD		3.38363	ug/m^3	R_467	595044.47	4124924.05	63.69	1.50	63.69	
PERIOD		3.92107	ug/m^3	R_468	595044.47	4124944.05	63.52	1.50	63.52	
PERIOD		4.71502	ug/m^3	R_469	595044.47	4124964.05	63.40	1.50	63.40	
PERIOD		5.97624	ug/m^3	R_470	595044.47	4124984.05	63.39	1.50	63.39	
PERIOD		8.26445	ug/m^3	R_471	595044.47	4125004.05	63.21	1.50	63.21	
PERIOD		13.05961	ug/m^3	R_472	595044.47	4125024.05	63.08	1.50	63.08	
PERIOD		21.14412	ug/m^3	R_473	595044.47	4125044.05	63.08	1.50	63.08	
PERIOD		15.60316	ug/m^3	R_474	595044.47	4125064.05	62.90	1.50	62.90	
PERIOD		23.43688	ug/m^3	R_475	595044.47	4125084.05	62.78	1.50	62.78	
PERIOD		10.74943	ug/m^3	R_476	595044.47	4125104.05	62.78	1.50	62.78	
PERIOD		5.96378	ug/m^3	R_477	595044.47	4125124.05	62.60	1.50	62.60	
PERIOD		3.81029	ug/m^3	R_478	595044.47	4125144.05	62.40	1.50	62.40	
PERIOD		2.69905	ug/m^3	R_479	595044.47	4125164.05	62.20	1.50	62.20	
PERIOD		2.04879	ug/m^3	R_480	595044.47	4125184.05	62.17	1.50	62.17	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.63638	ug/m^3	R_481	595044.47	4125204.05	62.09	1.50	62.09	
PERIOD		1.35540	ug/m^3	R_482	595044.47	4125224.05	61.89	1.50	61.89	
PERIOD		1.15162	ug/m^3	R_483	595044.47	4125244.05	61.68	1.50	61.68	
PERIOD		0.99747	ug/m^3	R_484	595044.47	4125264.05	61.56	1.50	61.56	
PERIOD		1.02621	ug/m^3	R_485	595064.47	4124484.05	66.39	1.50	796.44	
PERIOD		1.05444	ug/m^3	R_486	595064.47	4124504.05	66.25	1.50	796.44	
PERIOD		1.08281	ug/m^3	R_487	595064.47	4124524.05	66.18	1.50	796.44	
PERIOD		1.11314	ug/m^3	R_488	595064.47	4124544.05	66.06	1.50	796.44	
PERIOD		1.14640	ug/m^3	R_489	595064.47	4124564.05	65.86	1.50	65.86	
PERIOD		1.18195	ug/m^3	R_490	595064.47	4124584.05	65.71	1.50	65.71	
PERIOD		1.22046	ug/m^3	R_491	595064.47	4124604.05	65.60	1.50	65.60	
PERIOD		1.26228	ug/m^3	R_492	595064.47	4124624.05	65.54	1.50	65.54	
PERIOD		1.30936	ug/m^3	R_493	595064.47	4124644.05	65.41	1.50	65.41	
PERIOD		1.36183	ug/m^3	R_494	595064.47	4124664.05	65.24	1.50	65.24	
PERIOD		1.42051	ug/m^3	R_495	595064.47	4124684.05	65.04	1.50	65.04	
PERIOD		1.48438	ug/m^3	R_496	595064.47	4124704.05	64.96	1.50	64.96	
PERIOD		1.55557	ug/m^3	R_497	595064.47	4124724.05	64.87	1.50	64.87	
PERIOD		1.63554	ug/m^3	R_498	595064.47	4124744.05	64.72	1.50	64.72	
PERIOD		1.72520	ug/m^3	R_499	595064.47	4124764.05	64.53	1.50	64.53	
PERIOD		1.82449	ug/m^3	R_500	595064.47	4124784.05	64.38	1.50	64.38	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.93541	ug/m^3	R_501	595064.47	4124804.05	64.32	1.50	64.32	
PERIOD		2.06351	ug/m^3	R_502	595064.47	4124824.05	64.19	1.50	64.19	
PERIOD		2.21317	ug/m^3	R_503	595064.47	4124844.05	64.07	1.50	64.07	
PERIOD		2.39153	ug/m^3	R_504	595064.47	4124864.05	64.02	1.50	64.02	
PERIOD		2.61534	ug/m^3	R_505	595064.47	4124884.05	63.83	1.50	63.83	
PERIOD		2.90204	ug/m^3	R_506	595064.47	4124904.05	63.65	1.50	63.65	
PERIOD		3.28307	ug/m^3	R_507	595064.47	4124924.05	63.50	1.50	63.50	
PERIOD		3.81037	ug/m^3	R_508	595064.47	4124944.05	63.43	1.50	63.43	
PERIOD		4.59104	ug/m^3	R_509	595064.47	4124964.05	63.34	1.50	63.34	
PERIOD		5.84375	ug/m^3	R_510	595064.47	4124984.05	63.20	1.50	63.20	
PERIOD		8.10247	ug/m^3	R_511	595064.47	4125004.05	63.00	1.50	63.00	
PERIOD		12.84602	ug/m^3	R_512	595064.47	4125024.05	62.88	1.50	62.88	
PERIOD		20.77902	ug/m^3	R_513	595064.47	4125044.05	62.88	1.50	62.88	
PERIOD		13.84101	ug/m^3	R_514	595064.47	4125064.05	62.70	1.50	62.70	
PERIOD		20.94432	ug/m^3	R_515	595064.47	4125084.05	62.57	1.50	62.57	
PERIOD		8.77808	ug/m^3	R_516	595064.47	4125104.05	62.57	1.50	62.57	
PERIOD		4.76506	ug/m^3	R_517	595064.47	4125124.05	62.39	1.50	62.39	
PERIOD		3.09270	ug/m^3	R_518	595064.47	4125144.05	62.25	1.50	62.25	
PERIOD		2.23853	ug/m^3	R_519	595064.47	4125164.05	62.19	1.50	62.19	
PERIOD		1.73890	ug/m^3	R_520	595064.47	4125184.05	62.05	1.50	62.05	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.41464	ug/m^3	R_521	595064.47	4125204.05	61.89	1.50	61.89	
PERIOD		1.18858	ug/m^3	R_522	595064.47	4125224.05	61.68	1.50	61.68	
PERIOD		1.02183	ug/m^3	R_523	595064.47	4125244.05	61.48	1.50	61.48	
PERIOD		0.89396	ug/m^3	R_524	595064.47	4125264.05	61.35	1.50	61.35	
PERIOD		0.96716	ug/m^3	R_525	595084.47	4124484.05	66.28	1.50	796.44	
PERIOD		0.99426	ug/m^3	R_526	595084.47	4124504.05	66.16	1.50	796.44	
PERIOD		1.02216	ug/m^3	R_527	595084.47	4124524.05	66.07	1.50	796.44	
PERIOD		1.05170	ug/m^3	R_528	595084.47	4124544.05	65.98	1.50	796.44	
PERIOD		1.08384	ug/m^3	R_529	595084.47	4124564.05	65.85	1.50	65.85	
PERIOD		1.11946	ug/m^3	R_530	595084.47	4124584.05	65.66	1.50	65.66	
PERIOD		1.15824	ug/m^3	R_531	595084.47	4124604.05	65.50	1.50	65.50	
PERIOD		1.20005	ug/m^3	R_532	595084.47	4124624.05	65.43	1.50	65.43	
PERIOD		1.24729	ug/m^3	R_533	595084.47	4124644.05	65.24	1.50	65.24	
PERIOD		1.29952	ug/m^3	R_534	595084.47	4124664.05	65.06	1.50	65.06	
PERIOD		1.35677	ug/m^3	R_535	595084.47	4124684.05	64.94	1.50	64.94	
PERIOD		1.41977	ug/m^3	R_536	595084.47	4124704.05	64.86	1.50	64.86	
PERIOD		1.49005	ug/m^3	R_537	595084.47	4124724.05	64.73	1.50	64.73	
PERIOD		1.56880	ug/m^3	R_538	595084.47	4124744.05	64.53	1.50	64.53	
PERIOD		1.65514	ug/m^3	R_539	595084.47	4124764.05	64.39	1.50	64.39	
PERIOD		1.75137	ug/m^3	R_540	595084.47	4124784.05	64.28	1.50	64.28	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.85957	ug/m^3	R_541	595084.47	4124804.05	64.21	1.50	64.21	
PERIOD		1.98451	ug/m^3	R_542	595084.47	4124824.05	64.09	1.50	64.09	
PERIOD		2.13116	ug/m^3	R_543	595084.47	4124844.05	63.98	1.50	63.98	
PERIOD		2.30726	ug/m^3	R_544	595084.47	4124864.05	63.90	1.50	63.90	
PERIOD		2.52806	ug/m^3	R_545	595084.47	4124884.05	63.71	1.50	63.71	
PERIOD		2.81072	ug/m^3	R_546	595084.47	4124904.05	63.54	1.50	63.54	
PERIOD		3.18530	ug/m^3	R_547	595084.47	4124924.05	63.41	1.50	63.41	
PERIOD		3.70268	ug/m^3	R_548	595084.47	4124944.05	63.33	1.50	63.33	
PERIOD		4.46567	ug/m^3	R_549	595084.47	4124964.05	63.21	1.50	63.21	
PERIOD		5.68509	ug/m^3	R_550	595084.47	4124984.05	63.00	1.50	63.00	
PERIOD		7.85412	ug/m^3	R_551	595084.47	4125004.05	62.87	1.50	62.87	
PERIOD		12.37883	ug/m^3	R_552	595084.47	4125024.05	62.76	1.50	62.76	
PERIOD		19.36746	ug/m^3	R_553	595084.47	4125044.05	62.68	1.50	62.68	
PERIOD		8.45420	ug/m^3	R_554	595084.47	4125064.05	62.56	1.50	62.56	
PERIOD		15.87012	ug/m^3	R_555	595084.47	4125084.05	62.46	1.50	62.46	
PERIOD		6.33088	ug/m^3	R_556	595084.47	4125104.05	62.38	1.50	62.38	
PERIOD		3.58800	ug/m^3	R_557	595084.47	4125124.05	62.26	1.50	62.26	
PERIOD		2.44665	ug/m^3	R_558	595084.47	4125144.05	62.15	1.50	62.15	
PERIOD		1.83918	ug/m^3	R_559	595084.47	4125164.05	62.07	1.50	62.07	
PERIOD		1.46980	ug/m^3	R_560	595084.47	4125184.05	61.89	1.50	61.89	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.22130	ug/m^3	R_561	595084.47	4125204.05	61.68	1.50	61.68	
PERIOD		1.04245	ug/m^3	R_562	595084.47	4125224.05	61.48	1.50	61.48	
PERIOD		0.90759	ug/m^3	R_563	595084.47	4125244.05	61.34	1.50	61.34	
PERIOD		0.80247	ug/m^3	R_564	595084.47	4125264.05	61.24	1.50	61.24	
PERIOD		0.91644	ug/m^3	R_565	595104.47	4124484.05	66.14	1.50	796.44	
PERIOD		0.94192	ug/m^3	R_566	595104.47	4124504.05	66.13	1.50	796.44	
PERIOD		0.96993	ug/m^3	R_567	595104.47	4124524.05	65.96	1.50	796.44	
PERIOD		0.99941	ug/m^3	R_568	595104.47	4124544.05	65.83	1.50	796.44	
PERIOD		1.03028	ug/m^3	R_569	595104.47	4124564.05	65.82	1.50	65.82	
PERIOD		1.06547	ug/m^3	R_570	595104.47	4124584.05	65.64	1.50	65.64	
PERIOD		1.10423	ug/m^3	R_571	595104.47	4124604.05	65.45	1.50	65.45	
PERIOD		1.14674	ug/m^3	R_572	595104.47	4124624.05	65.25	1.50	65.25	
PERIOD		1.19367	ug/m^3	R_573	595104.47	4124644.05	65.05	1.50	65.05	
PERIOD		1.24489	ug/m^3	R_574	595104.47	4124664.05	64.92	1.50	64.92	
PERIOD		1.30033	ug/m^3	R_575	595104.47	4124684.05	64.91	1.50	64.91	
PERIOD		1.36303	ug/m^3	R_576	595104.47	4124704.05	64.74	1.50	64.74	
PERIOD		1.43250	ug/m^3	R_577	595104.47	4124724.05	64.54	1.50	64.54	
PERIOD		1.50884	ug/m^3	R_578	595104.47	4124744.05	64.34	1.50	64.34	
PERIOD		1.59192	ug/m^3	R_579	595104.47	4124764.05	64.30	1.50	64.30	
PERIOD		1.68507	ug/m^3	R_580	595104.47	4124784.05	64.23	1.50	64.23	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.79194	ug/m^3	R_581	595104.47	4124804.05	64.03	1.50	64.03	
PERIOD		1.91302	ug/m^3	R_582	595104.47	4124824.05	64.00	1.50	64.00	
PERIOD		2.05625	ug/m^3	R_583	595104.47	4124844.05	63.92	1.50	63.92	
PERIOD		2.23144	ug/m^3	R_584	595104.47	4124864.05	63.71	1.50	63.71	
PERIOD		2.44856	ug/m^3	R_585	595104.47	4124884.05	63.52	1.50	63.52	
PERIOD		2.72467	ug/m^3	R_586	595104.47	4124904.05	63.40	1.50	63.40	
PERIOD		3.08619	ug/m^3	R_587	595104.47	4124924.05	63.39	1.50	63.39	
PERIOD		3.59083	ug/m^3	R_588	595104.47	4124944.05	63.21	1.50	63.21	
PERIOD		4.32661	ug/m^3	R_589	595104.47	4124964.05	63.01	1.50	63.01	
PERIOD		5.47314	ug/m^3	R_590	595104.47	4124984.05	62.81	1.50	62.81	
PERIOD		7.42610	ug/m^3	R_591	595104.47	4125004.05	62.78	1.50	62.78	
PERIOD		11.19278	ug/m^3	R_592	595104.47	4125024.05	62.70	1.50	62.70	
PERIOD		19.23465	ug/m^3	R_593	595104.47	4125044.05	62.50	1.50	62.50	
PERIOD		8.34154	ug/m^3	R_594	595104.47	4125064.05	62.47	1.50	62.47	
PERIOD		8.02686	ug/m^3	R_595	595104.47	4125084.05	62.40	1.50	62.40	
PERIOD		4.06665	ug/m^3	R_596	595104.47	4125104.05	62.20	1.50	62.20	
PERIOD		2.62257	ug/m^3	R_597	595104.47	4125124.05	62.17	1.50	62.17	
PERIOD		1.92164	ug/m^3	R_598	595104.47	4125144.05	62.09	1.50	62.09	
PERIOD		1.51288	ug/m^3	R_599	595104.47	4125164.05	61.89	1.50	61.89	
PERIOD		1.24573	ug/m^3	R_600	595104.47	4125184.05	61.69	1.50	61.69	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.05722	ug/m^3	R_601	595104.47	4125204.05	61.49	1.50	61.49	
PERIOD		0.91702	ug/m^3	R_602	595104.47	4125224.05	61.29	1.50	61.29	
PERIOD		0.80878	ug/m^3	R_603	595104.47	4125244.05	61.26	1.50	61.26	
PERIOD		0.72263	ug/m^3	R_604	595104.47	4125264.05	61.18	1.50	61.18	
PERIOD		0.87170	ug/m^3	R_605	595124.47	4124484.05	66.09	1.50	796.44	
PERIOD		0.89766	ug/m^3	R_606	595124.47	4124504.05	65.94	1.50	796.44	
PERIOD		0.92448	ug/m^3	R_607	595124.47	4124524.05	65.87	1.50	796.44	
PERIOD		0.95336	ug/m^3	R_608	595124.47	4124544.05	65.78	1.50	796.44	
PERIOD		0.98503	ug/m^3	R_609	595124.47	4124564.05	65.64	1.50	65.64	
PERIOD		1.02008	ug/m^3	R_610	595124.47	4124584.05	65.44	1.50	65.44	
PERIOD		1.05799	ug/m^3	R_611	595124.47	4124604.05	65.29	1.50	65.29	
PERIOD		1.09908	ug/m^3	R_612	595124.47	4124624.05	65.23	1.50	65.23	
PERIOD		1.14525	ug/m^3	R_613	595124.47	4124644.05	65.05	1.50	65.05	
PERIOD		1.19608	ug/m^3	R_614	595124.47	4124664.05	64.87	1.50	64.87	
PERIOD		1.25173	ug/m^3	R_615	595124.47	4124684.05	64.72	1.50	64.72	
PERIOD		1.31215	ug/m^3	R_616	595124.47	4124704.05	64.65	1.50	64.65	
PERIOD		1.37890	ug/m^3	R_617	595124.47	4124724.05	64.54	1.50	64.54	
PERIOD		1.45308	ug/m^3	R_618	595124.47	4124744.05	64.34	1.50	64.34	
PERIOD		1.53475	ug/m^3	R_619	595124.47	4124764.05	64.19	1.50	64.19	
PERIOD		1.62578	ug/m^3	R_620	595124.47	4124784.05	64.07	1.50	64.07	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.72831	ug/m^3	R_621	595124.47	4124804.05	64.02	1.50	64.02	
PERIOD		1.84775	ug/m^3	R_622	595124.47	4124824.05	63.88	1.50	63.88	
PERIOD		1.98910	ug/m^3	R_623	595124.47	4124844.05	63.71	1.50	63.71	
PERIOD		2.16036	ug/m^3	R_624	595124.47	4124864.05	63.51	1.50	63.51	
PERIOD		2.36999	ug/m^3	R_625	595124.47	4124884.05	63.43	1.50	63.43	
PERIOD		2.63677	ug/m^3	R_626	595124.47	4124904.05	63.34	1.50	63.34	
PERIOD		2.98795	ug/m^3	R_627	595124.47	4124924.05	63.20	1.50	63.20	
PERIOD		3.46712	ug/m^3	R_628	595124.47	4124944.05	63.00	1.50	63.00	
PERIOD		4.14432	ug/m^3	R_629	595124.47	4124964.05	62.85	1.50	62.85	
PERIOD		5.14075	ug/m^3	R_630	595124.47	4124984.05	62.80	1.50	62.80	
PERIOD		6.68061	ug/m^3	R_631	595124.47	4125004.05	62.66	1.50	62.66	
PERIOD		8.88009	ug/m^3	R_632	595124.47	4125024.05	62.50	1.50	62.50	
PERIOD		10.62809	ug/m^3	R_633	595124.47	4125044.05	62.29	1.50	62.29	
PERIOD		8.33736	ug/m^3	R_634	595124.47	4125064.05	62.27	1.50	62.27	
PERIOD		4.33789	ug/m^3	R_635	595124.47	4125084.05	62.25	1.50	62.25	
PERIOD		2.67919	ug/m^3	R_636	595124.47	4125104.05	62.19	1.50	62.19	
PERIOD		1.95857	ug/m^3	R_637	595124.47	4125124.05	62.05	1.50	62.05	
PERIOD		1.53519	ug/m^3	R_638	595124.47	4125144.05	61.89	1.50	61.89	
PERIOD		1.25897	ug/m^3	R_639	595124.47	4125164.05	61.68	1.50	61.68	
PERIOD		1.06461	ug/m^3	R_640	595124.47	4125184.05	61.61	1.50	61.61	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.92156	ug/m^3	R_641	595124.47	4125204.05	61.49	1.50	61.49	
PERIOD		0.81170	ug/m^3	R_642	595124.47	4125224.05	61.29	1.50	61.29	
PERIOD		0.72452	ug/m^3	R_643	595124.47	4125244.05	61.14	1.50	61.14	
PERIOD		0.65360	ug/m^3	R_644	595124.47	4125264.05	61.03	1.50	61.03	
PERIOD		0.83248	ug/m^3	R_645	595144.47	4124484.05	66.06	1.50	796.44	
PERIOD		0.85824	ug/m^3	R_646	595144.47	4124504.05	65.86	1.50	796.44	
PERIOD		0.88488	ug/m^3	R_647	595144.47	4124524.05	65.77	1.50	796.44	
PERIOD		0.91357	ug/m^3	R_648	595144.47	4124544.05	65.67	1.50	796.44	
PERIOD		0.94480	ug/m^3	R_649	595144.47	4124564.05	65.55	1.50	65.55	
PERIOD		0.97941	ug/m^3	R_650	595144.47	4124584.05	65.35	1.50	65.35	
PERIOD		1.01694	ug/m^3	R_651	595144.47	4124604.05	65.20	1.50	65.20	
PERIOD		1.05767	ug/m^3	R_652	595144.47	4124624.05	65.12	1.50	65.12	
PERIOD		1.10320	ug/m^3	R_653	595144.47	4124644.05	64.93	1.50	64.93	
PERIOD		1.15300	ug/m^3	R_654	595144.47	4124664.05	64.76	1.50	64.76	
PERIOD		1.20727	ug/m^3	R_655	595144.47	4124684.05	64.63	1.50	64.63	
PERIOD		1.26624	ug/m^3	R_656	595144.47	4124704.05	64.55	1.50	64.55	
PERIOD		1.33108	ug/m^3	R_657	595144.47	4124724.05	64.43	1.50	64.43	
PERIOD		1.40311	ug/m^3	R_658	595144.47	4124744.05	64.22	1.50	64.22	
PERIOD		1.48210	ug/m^3	R_659	595144.47	4124764.05	64.09	1.50	64.09	
PERIOD		1.57039	ug/m^3	R_660	595144.47	4124784.05	63.98	1.50	63.98	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.67033	ug/m^3	R_661	595144.47	4124804.05	63.90	1.50	63.90	
PERIOD		1.78710	ug/m^3	R_662	595144.47	4124824.05	63.71	1.50	63.71	
PERIOD		1.92457	ug/m^3	R_663	595144.47	4124844.05	63.54	1.50	63.54	
PERIOD		2.08944	ug/m^3	R_664	595144.47	4124864.05	63.41	1.50	63.41	
PERIOD		2.29127	ug/m^3	R_665	595144.47	4124884.05	63.33	1.50	63.33	
PERIOD		2.54601	ug/m^3	R_666	595144.47	4124904.05	63.21	1.50	63.21	
PERIOD		2.87726	ug/m^3	R_667	595144.47	4124924.05	63.00	1.50	63.00	
PERIOD		3.31157	ug/m^3	R_668	595144.47	4124944.05	62.87	1.50	62.87	
PERIOD		3.89521	ug/m^3	R_669	595144.47	4124964.05	62.76	1.50	62.76	
PERIOD		4.67272	ug/m^3	R_670	595144.47	4124984.05	62.68	1.50	62.68	
PERIOD		5.62398	ug/m^3	R_671	595144.47	4125004.05	62.50	1.50	62.50	
PERIOD		6.36457	ug/m^3	R_672	595144.47	4125024.05	62.32	1.50	62.32	
PERIOD		5.93932	ug/m^3	R_673	595144.47	4125044.05	62.19	1.50	62.19	
PERIOD		4.17083	ug/m^3	R_674	595144.47	4125064.05	62.11	1.50	62.11	
PERIOD		2.65788	ug/m^3	R_675	595144.47	4125084.05	62.06	1.50	62.06	
PERIOD		1.93387	ug/m^3	R_676	595144.47	4125104.05	62.06	1.50	62.06	
PERIOD		1.53009	ug/m^3	R_677	595144.47	4125124.05	61.89	1.50	61.89	
PERIOD		1.25857	ug/m^3	R_678	595144.47	4125144.05	61.71	1.50	61.71	
PERIOD		1.06524	ug/m^3	R_679	595144.47	4125164.05	61.59	1.50	61.59	
PERIOD		0.92147	ug/m^3	R_680	595144.47	4125184.05	61.50	1.50	61.50	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.81136	ug/m^3	R_681	595144.47	4125204.05	61.38	1.50	61.38	
PERIOD		0.72431	ug/m^3	R_682	595144.47	4125224.05	61.17	1.50	61.17	
PERIOD		0.65337	ug/m^3	R_683	595144.47	4125244.05	61.04	1.50	61.04	
PERIOD		0.59449	ug/m^3	R_684	595144.47	4125264.05	60.93	1.50	60.93	
PERIOD		0.79786	ug/m^3	R_685	595164.47	4124484.05	66.05	1.50	796.44	
PERIOD		0.82319	ug/m^3	R_686	595164.47	4124504.05	65.85	1.50	796.44	
PERIOD		0.85016	ug/m^3	R_687	595164.47	4124524.05	65.65	1.50	796.44	
PERIOD		0.87869	ug/m^3	R_688	595164.47	4124544.05	65.53	1.50	796.44	
PERIOD		0.90893	ug/m^3	R_689	595164.47	4124564.05	65.52	1.50	65.52	
PERIOD		0.94298	ug/m^3	R_690	595164.47	4124584.05	65.34	1.50	65.34	
PERIOD		0.98029	ug/m^3	R_691	595164.47	4124604.05	65.14	1.50	65.14	
PERIOD		1.02124	ug/m^3	R_692	595164.47	4124624.05	64.93	1.50	64.93	
PERIOD		1.06593	ug/m^3	R_693	595164.47	4124644.05	64.74	1.50	64.74	
PERIOD		1.11439	ug/m^3	R_694	595164.47	4124664.05	64.61	1.50	64.61	
PERIOD		1.16628	ug/m^3	R_695	595164.47	4124684.05	64.61	1.50	64.61	
PERIOD		1.22422	ug/m^3	R_696	595164.47	4124704.05	64.43	1.50	64.43	
PERIOD		1.28764	ug/m^3	R_697	595164.47	4124724.05	64.23	1.50	64.23	
PERIOD		1.35717	ug/m^3	R_698	595164.47	4124744.05	64.03	1.50	64.03	
PERIOD		1.43291	ug/m^3	R_699	595164.47	4124764.05	64.00	1.50	64.00	
PERIOD		1.51807	ug/m^3	R_700	595164.47	4124784.05	63.92	1.50	63.92	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.61607	ug/m^3	R_701	595164.47	4124804.05	63.71	1.50	63.71	
PERIOD		1.72907	ug/m^3	R_702	595164.47	4124824.05	63.52	1.50	63.52	
PERIOD		1.86097	ug/m^3	R_703	595164.47	4124844.05	63.40	1.50	63.40	
PERIOD		2.01691	ug/m^3	R_704	595164.47	4124864.05	63.39	1.50	63.39	
PERIOD		2.20940	ug/m^3	R_705	595164.47	4124884.05	63.21	1.50	63.21	
PERIOD		2.44807	ug/m^3	R_706	595164.47	4124904.05	63.00	1.50	63.00	
PERIOD		2.74695	ug/m^3	R_707	595164.47	4124924.05	62.80	1.50	62.80	
PERIOD		3.11636	ug/m^3	R_708	595164.47	4124944.05	62.78	1.50	62.78	
PERIOD		3.57119	ug/m^3	R_709	595164.47	4124964.05	62.70	1.50	62.70	
PERIOD		4.08151	ug/m^3	R_710	595164.47	4124984.05	62.50	1.50	62.50	
PERIOD		4.48559	ug/m^3	R_711	595164.47	4125004.05	62.30	1.50	62.30	
PERIOD		4.43194	ug/m^3	R_712	595164.47	4125024.05	62.18	1.50	62.18	
PERIOD		3.65888	ug/m^3	R_713	595164.47	4125044.05	62.17	1.50	62.17	
PERIOD		2.60131	ug/m^3	R_714	595164.47	4125064.05	62.00	1.50	62.00	
PERIOD		1.86661	ug/m^3	R_715	595164.47	4125084.05	61.87	1.50	61.87	
PERIOD		1.47538	ug/m^3	R_716	595164.47	4125104.05	61.86	1.50	61.86	
PERIOD		1.23530	ug/m^3	R_717	595164.47	4125124.05	61.69	1.50	61.69	
PERIOD		1.05548	ug/m^3	R_718	595164.47	4125144.05	61.57	1.50	61.57	
PERIOD		0.91553	ug/m^3	R_719	595164.47	4125164.05	61.56	1.50	61.56	
PERIOD		0.80734	ug/m^3	R_720	595164.47	4125184.05	61.38	1.50	61.38	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.72153	ug/m^3	R_721	595164.47	4125204.05	61.18	1.50	61.18	
PERIOD		0.65148	ug/m^3	R_722	595164.47	4125224.05	60.98	1.50	60.98	
PERIOD		0.59317	ug/m^3	R_723	595164.47	4125244.05	60.95	1.50	60.95	
PERIOD		0.54386	ug/m^3	R_724	595164.47	4125264.05	60.87	1.50	60.87	
PERIOD		0.76821	ug/m^3	R_725	595184.47	4124484.05	65.85	1.50	796.44	
PERIOD		0.79320	ug/m^3	R_726	595184.47	4124504.05	65.64	1.50	796.44	
PERIOD		0.81914	ug/m^3	R_727	595184.47	4124524.05	65.57	1.50	796.44	
PERIOD		0.84719	ug/m^3	R_728	595184.47	4124544.05	65.48	1.50	796.44	
PERIOD		0.87787	ug/m^3	R_729	595184.47	4124564.05	65.33	1.50	65.33	
PERIOD		0.91147	ug/m^3	R_730	595184.47	4124584.05	65.14	1.50	65.14	
PERIOD		0.94825	ug/m^3	R_731	595184.47	4124604.05	64.93	1.50	64.93	
PERIOD		0.98838	ug/m^3	R_732	595184.47	4124624.05	64.73	1.50	64.73	
PERIOD		1.03143	ug/m^3	R_733	595184.47	4124644.05	64.65	1.50	64.65	
PERIOD		1.07836	ug/m^3	R_734	595184.47	4124664.05	64.56	1.50	64.56	
PERIOD		1.12963	ug/m^3	R_735	595184.47	4124684.05	64.42	1.50	64.42	
PERIOD		1.18579	ug/m^3	R_736	595184.47	4124704.05	64.22	1.50	64.22	
PERIOD		1.24665	ug/m^3	R_737	595184.47	4124724.05	64.07	1.50	64.07	
PERIOD		1.31279	ug/m^3	R_738	595184.47	4124744.05	64.02	1.50	64.02	
PERIOD		1.38661	ug/m^3	R_739	595184.47	4124764.05	63.88	1.50	63.88	
PERIOD		1.46948	ug/m^3	R_740	595184.47	4124784.05	63.71	1.50	63.71	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.56375	ug/m^3	R_741	595184.47	4124804.05	63.51	1.50	63.51	
PERIOD		1.67092	ug/m^3	R_742	595184.47	4124824.05	63.43	1.50	63.43	
PERIOD		1.79601	ug/m^3	R_743	595184.47	4124844.05	63.34	1.50	63.34	
PERIOD		1.94445	ug/m^3	R_744	595184.47	4124864.05	63.20	1.50	63.20	
PERIOD		2.12275	ug/m^3	R_745	595184.47	4124884.05	63.00	1.50	63.00	
PERIOD		2.33678	ug/m^3	R_746	595184.47	4124904.05	62.80	1.50	62.80	
PERIOD		2.59236	ug/m^3	R_747	595184.47	4124924.05	62.60	1.50	62.60	
PERIOD		2.88384	ug/m^3	R_748	595184.47	4124944.05	62.57	1.50	62.57	
PERIOD		3.19220	ug/m^3	R_749	595184.47	4124964.05	62.50	1.50	62.50	
PERIOD		3.44299	ug/m^3	R_750	595184.47	4124984.05	62.29	1.50	62.29	
PERIOD		3.47587	ug/m^3	R_751	595184.47	4125004.05	62.22	1.50	62.22	
PERIOD		3.13739	ug/m^3	R_752	595184.47	4125024.05	62.12	1.50	62.12	
PERIOD		2.48258	ug/m^3	R_753	595184.47	4125044.05	61.98	1.50	61.98	
PERIOD		1.83812	ug/m^3	R_754	595184.47	4125064.05	61.91	1.50	61.91	
PERIOD		1.41899	ug/m^3	R_755	595184.47	4125084.05	61.82	1.50	61.82	
PERIOD		1.17849	ug/m^3	R_756	595184.47	4125104.05	61.68	1.50	61.68	
PERIOD		1.02087	ug/m^3	R_757	595184.47	4125124.05	61.61	1.50	61.61	
PERIOD		0.89860	ug/m^3	R_758	595184.47	4125144.05	61.51	1.50	61.51	
PERIOD		0.79807	ug/m^3	R_759	595184.47	4125164.05	61.37	1.50	61.37	
PERIOD		0.71480	ug/m^3	R_760	595184.47	4125184.05	61.17	1.50	61.17	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.64671	ug/m^3	R_761	595184.47	4125204.05	61.03	1.50	61.03	
PERIOD		0.58999	ug/m^3	R_762	595184.47	4125224.05	60.97	1.50	60.97	
PERIOD		0.54166	ug/m^3	R_763	595184.47	4125244.05	60.83	1.50	60.83	
PERIOD		0.50002	ug/m^3	R_764	595184.47	4125264.05	60.72	1.50	60.72	
PERIOD		0.74120	ug/m^3	R_765	595204.47	4124484.05	65.76	1.50	796.44	
PERIOD		0.76576	ug/m^3	R_766	595204.47	4124504.05	65.56	1.50	796.44	
PERIOD		0.79155	ug/m^3	R_767	595204.47	4124524.05	65.46	1.50	796.44	
PERIOD		0.81922	ug/m^3	R_768	595204.47	4124544.05	65.37	1.50	796.44	
PERIOD		0.84937	ug/m^3	R_769	595204.47	4124564.05	65.24	1.50	65.24	
PERIOD		0.88242	ug/m^3	R_770	595204.47	4124584.05	65.05	1.50	65.05	
PERIOD		0.91846	ug/m^3	R_771	595204.47	4124604.05	64.85	1.50	64.85	
PERIOD		0.95774	ug/m^3	R_772	595204.47	4124624.05	64.64	1.50	64.64	
PERIOD		0.99975	ug/m^3	R_773	595204.47	4124644.05	64.55	1.50	64.55	
PERIOD		1.04542	ug/m^3	R_774	595204.47	4124664.05	64.43	1.50	64.43	
PERIOD		1.09540	ug/m^3	R_775	595204.47	4124684.05	64.22	1.50	64.22	
PERIOD		1.14912	ug/m^3	R_776	595204.47	4124704.05	64.09	1.50	64.09	
PERIOD		1.20753	ug/m^3	R_777	595204.47	4124724.05	63.98	1.50	63.98	
PERIOD		1.27132	ug/m^3	R_778	595204.47	4124744.05	63.90	1.50	63.90	
PERIOD		1.34256	ug/m^3	R_779	595204.47	4124764.05	63.71	1.50	63.71	
PERIOD		1.42199	ug/m^3	R_780	595204.47	4124784.05	63.54	1.50	63.54	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.51134	ug/m^3	R_781	595204.47	4124804.05	63.41	1.50	63.41	
PERIOD		1.61284	ug/m^3	R_782	595204.47	4124824.05	63.33	1.50	63.33	
PERIOD		1.73028	ug/m^3	R_783	595204.47	4124844.05	63.21	1.50	63.21	
PERIOD		1.86767	ug/m^3	R_784	595204.47	4124864.05	63.00	1.50	63.00	
PERIOD		2.02602	ug/m^3	R_785	595204.47	4124884.05	62.87	1.50	62.87	
PERIOD		2.20841	ug/m^3	R_786	595204.47	4124904.05	62.71	1.50	62.71	
PERIOD		2.41168	ug/m^3	R_787	595204.47	4124924.05	62.51	1.50	62.51	
PERIOD		2.61683	ug/m^3	R_788	595204.47	4124944.05	62.42	1.50	62.42	
PERIOD		2.78441	ug/m^3	R_789	595204.47	4124964.05	62.32	1.50	62.32	
PERIOD		2.83688	ug/m^3	R_790	595204.47	4124984.05	62.19	1.50	62.19	
PERIOD		2.68259	ug/m^3	R_791	595204.47	4125004.05	62.11	1.50	62.11	
PERIOD		2.30032	ug/m^3	R_792	595204.47	4125024.05	62.02	1.50	62.02	
PERIOD		1.81159	ug/m^3	R_793	595204.47	4125044.05	61.89	1.50	61.89	
PERIOD		1.40327	ug/m^3	R_794	595204.47	4125064.05	61.81	1.50	61.81	
PERIOD		1.13874	ug/m^3	R_795	595204.47	4125084.05	61.71	1.50	61.71	
PERIOD		0.97550	ug/m^3	R_796	595204.47	4125104.05	61.59	1.50	61.59	
PERIOD		0.86364	ug/m^3	R_797	595204.47	4125124.05	61.50	1.50	61.50	
PERIOD		0.77591	ug/m^3	R_798	595204.47	4125144.05	61.38	1.50	61.38	
PERIOD		0.70219	ug/m^3	R_799	595204.47	4125164.05	61.17	1.50	61.17	
PERIOD		0.63875	ug/m^3	R_800	595204.47	4125184.05	61.04	1.50	61.04	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.58405	ug/m^3	R_801	595204.47	4125204.05	60.93	1.50	60.93	
PERIOD		0.53731	ug/m^3	R_802	595204.47	4125224.05	60.85	1.50	60.85	
PERIOD		0.49692	ug/m^3	R_803	595204.47	4125244.05	60.73	1.50	60.73	
PERIOD		0.46166	ug/m^3	R_804	595204.47	4125264.05	60.63	1.50	60.63	
PERIOD		0.71656	ug/m^3	R_805	595224.47	4124484.05	65.75	1.50	796.44	
PERIOD		0.74070	ug/m^3	R_806	595224.47	4124504.05	65.56	1.50	796.44	
PERIOD		0.76659	ug/m^3	R_807	595224.47	4124524.05	65.35	1.50	796.44	
PERIOD		0.79406	ug/m^3	R_808	595224.47	4124544.05	65.22	1.50	796.44	
PERIOD		0.82319	ug/m^3	R_809	595224.47	4124564.05	65.21	1.50	65.21	
PERIOD		0.85553	ug/m^3	R_810	595224.47	4124584.05	65.04	1.50	65.04	
PERIOD		0.89081	ug/m^3	R_811	595224.47	4124604.05	64.83	1.50	64.83	
PERIOD		0.92902	ug/m^3	R_812	595224.47	4124624.05	64.63	1.50	64.63	
PERIOD		0.97031	ug/m^3	R_813	595224.47	4124644.05	64.43	1.50	64.43	
PERIOD		1.01483	ug/m^3	R_814	595224.47	4124664.05	64.24	1.50	64.24	
PERIOD		1.06292	ug/m^3	R_815	595224.47	4124684.05	64.03	1.50	64.03	
PERIOD		1.11412	ug/m^3	R_816	595224.47	4124704.05	64.00	1.50	64.00	
PERIOD		1.16998	ug/m^3	R_817	595224.47	4124724.05	63.92	1.50	63.92	
PERIOD		1.23171	ug/m^3	R_818	595224.47	4124744.05	63.73	1.50	63.73	
PERIOD		1.29990	ug/m^3	R_819	595224.47	4124764.05	63.52	1.50	63.52	
PERIOD		1.37507	ug/m^3	R_820	595224.47	4124784.05	63.40	1.50	63.40	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.45839	ug/m^3	R_821	595224.47	4124804.05	63.39	1.50	63.39	
PERIOD		1.55389	ug/m^3	R_822	595224.47	4124824.05	63.21	1.50	63.21	
PERIOD		1.66234	ug/m^3	R_823	595224.47	4124844.05	63.01	1.50	63.01	
PERIOD		1.78489	ug/m^3	R_824	595224.47	4124864.05	62.81	1.50	62.81	
PERIOD		1.91935	ug/m^3	R_825	595224.47	4124884.05	62.78	1.50	62.78	
PERIOD		2.06468	ug/m^3	R_826	595224.47	4124904.05	62.70	1.50	62.70	
PERIOD		2.21128	ug/m^3	R_827	595224.47	4124924.05	62.50	1.50	62.50	
PERIOD		2.33267	ug/m^3	R_828	595224.47	4124944.05	62.30	1.50	62.30	
PERIOD		2.38465	ug/m^3	R_829	595224.47	4124964.05	62.18	1.50	62.18	
PERIOD		2.31328	ug/m^3	R_830	595224.47	4124984.05	62.17	1.50	62.17	
PERIOD		2.09132	ug/m^3	R_831	595224.47	4125004.05	62.00	1.50	62.00	
PERIOD		1.75286	ug/m^3	R_832	595224.47	4125024.05	61.87	1.50	61.87	
PERIOD		1.39744	ug/m^3	R_833	595224.47	4125044.05	61.86	1.50	61.86	
PERIOD		1.12694	ug/m^3	R_834	595224.47	4125064.05	61.68	1.50	61.68	
PERIOD		0.94747	ug/m^3	R_835	595224.47	4125084.05	61.56	1.50	61.56	
PERIOD		0.82933	ug/m^3	R_836	595224.47	4125104.05	61.56	1.50	61.56	
PERIOD		0.74492	ug/m^3	R_837	595224.47	4125124.05	61.38	1.50	61.38	
PERIOD		0.67940	ug/m^3	R_838	595224.47	4125144.05	61.18	1.50	61.18	
PERIOD		0.62333	ug/m^3	R_839	595224.47	4125164.05	60.98	1.50	60.98	
PERIOD		0.57430	ug/m^3	R_840	595224.47	4125184.05	60.95	1.50	60.95	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.53085	ug/m^3	R_841	595224.47	4125204.05	60.87	1.50	60.87	
PERIOD		0.49212	ug/m^3	R_842	595224.47	4125224.05	60.68	1.50	60.68	
PERIOD		0.45798	ug/m^3	R_843	595224.47	4125244.05	60.65	1.50	60.65	
PERIOD		0.42779	ug/m^3	R_844	595224.47	4125264.05	60.57	1.50	60.57	
PERIOD		0.40085	ug/m^3	R_845	595224.47	4125284.05	60.37	1.50	60.37	
PERIOD		0.69486	ug/m^3	R_846	595244.47	4124484.05	65.60	1.50	796.44	
PERIOD		0.71806	ug/m^3	R_847	595244.47	4124504.05	65.54	1.50	796.44	
PERIOD		0.74345	ug/m^3	R_848	595244.47	4124524.05	65.35	1.50	796.44	
PERIOD		0.77067	ug/m^3	R_849	595244.47	4124544.05	65.17	1.50	796.44	
PERIOD		0.79986	ug/m^3	R_850	595244.47	4124564.05	65.03	1.50	65.03	
PERIOD		0.83167	ug/m^3	R_851	595244.47	4124584.05	64.83	1.50	64.83	
PERIOD		0.86605	ug/m^3	R_852	595244.47	4124604.05	64.63	1.50	64.63	
PERIOD		0.90309	ug/m^3	R_853	595244.47	4124624.05	64.43	1.50	64.43	
PERIOD		0.94244	ug/m^3	R_854	595244.47	4124644.05	64.35	1.50	64.35	
PERIOD		0.98497	ug/m^3	R_855	595244.47	4124664.05	64.24	1.50	64.24	
PERIOD		1.03115	ug/m^3	R_856	595244.47	4124684.05	64.03	1.50	64.03	
PERIOD		1.08075	ug/m^3	R_857	595244.47	4124704.05	63.88	1.50	63.88	
PERIOD		1.13427	ug/m^3	R_858	595244.47	4124724.05	63.77	1.50	63.77	
PERIOD		1.19229	ug/m^3	R_859	595244.47	4124744.05	63.71	1.50	63.71	
PERIOD		1.25673	ug/m^3	R_860	595244.47	4124764.05	63.52	1.50	63.52	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.32778	ug/m^3	R_861	595244.47	4124784.05	63.34	1.50	63.34	
PERIOD		1.40621	ug/m^3	R_862	595244.47	4124804.05	63.20	1.50	63.20	
PERIOD		1.49378	ug/m^3	R_863	595244.47	4124824.05	63.00	1.50	63.00	
PERIOD		1.59008	ug/m^3	R_864	595244.47	4124844.05	62.85	1.50	62.85	
PERIOD		1.69384	ug/m^3	R_865	595244.47	4124864.05	62.80	1.50	62.80	
PERIOD		1.80390	ug/m^3	R_866	595244.47	4124884.05	62.66	1.50	62.66	
PERIOD		1.91212	ug/m^3	R_867	595244.47	4124904.05	62.50	1.50	62.50	
PERIOD		2.00328	ug/m^3	R_868	595244.47	4124924.05	62.29	1.50	62.29	
PERIOD		2.04964	ug/m^3	R_869	595244.47	4124944.05	62.22	1.50	62.22	
PERIOD		2.01974	ug/m^3	R_870	595244.47	4124964.05	62.12	1.50	62.12	
PERIOD		1.88794	ug/m^3	R_871	595244.47	4124984.05	61.98	1.50	61.98	
PERIOD		1.65904	ug/m^3	R_872	595244.47	4125004.05	61.91	1.50	61.91	
PERIOD		1.38198	ug/m^3	R_873	595244.47	4125024.05	61.82	1.50	61.82	
PERIOD		1.12588	ug/m^3	R_874	595244.47	4125044.05	61.68	1.50	61.68	
PERIOD		0.93674	ug/m^3	R_875	595244.47	4125064.05	61.48	1.50	61.48	
PERIOD		0.80813	ug/m^3	R_876	595244.47	4125084.05	61.35	1.50	61.35	
PERIOD		0.71938	ug/m^3	R_877	595244.47	4125104.05	61.35	1.50	61.35	
PERIOD		0.65331	ug/m^3	R_878	595244.47	4125124.05	61.17	1.50	61.17	
PERIOD		0.60191	ug/m^3	R_879	595244.47	4125144.05	61.03	1.50	61.03	
PERIOD		0.55825	ug/m^3	R_880	595244.47	4125164.05	60.97	1.50	60.97	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.51943	ug/m^3	R_881	595244.47	4125184.05	60.83	1.50	60.83	
PERIOD		0.48457	ug/m^3	R_882	595244.47	4125204.05	60.72	1.50	60.72	
PERIOD		0.45286	ug/m^3	R_883	595244.47	4125224.05	60.66	1.50	60.66	
PERIOD		0.42395	ug/m^3	R_884	595244.47	4125244.05	60.53	1.50	60.53	
PERIOD		0.39790	ug/m^3	R_885	595244.47	4125264.05	60.42	1.50	60.42	
PERIOD		0.37446	ug/m^3	R_886	595244.47	4125284.05	60.36	1.50	60.36	
PERIOD		0.67486	ug/m^3	R_887	595264.47	4124484.05	65.50	1.50	796.44	
PERIOD		0.69774	ug/m^3	R_888	595264.47	4124504.05	65.43	1.50	796.44	
PERIOD		0.72266	ug/m^3	R_889	595264.47	4124524.05	65.24	1.50	796.44	
PERIOD		0.74946	ug/m^3	R_890	595264.47	4124544.05	65.04	1.50	796.44	
PERIOD		0.77834	ug/m^3	R_891	595264.47	4124564.05	64.83	1.50	64.83	
PERIOD		0.80910	ug/m^3	R_892	595264.47	4124584.05	64.70	1.50	64.70	
PERIOD		0.84234	ug/m^3	R_893	595264.47	4124604.05	64.54	1.50	64.54	
PERIOD		0.87814	ug/m^3	R_894	595264.47	4124624.05	64.34	1.50	64.34	
PERIOD		0.91612	ug/m^3	R_895	595264.47	4124644.05	64.25	1.50	64.25	
PERIOD		0.95698	ug/m^3	R_896	595264.47	4124664.05	64.12	1.50	64.12	
PERIOD		1.00116	ug/m^3	R_897	595264.47	4124684.05	63.92	1.50	63.92	
PERIOD		1.04841	ug/m^3	R_898	595264.47	4124704.05	63.78	1.50	63.78	
PERIOD		1.09927	ug/m^3	R_899	595264.47	4124724.05	63.67	1.50	63.67	
PERIOD		1.15414	ug/m^3	R_900	595264.47	4124744.05	63.60	1.50	63.60	

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Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.21458	ug/m^3	R_901	595264.47	4124764.05	63.41	1.50	63.41	
PERIOD		1.28041	ug/m^3	R_902	595264.47	4124784.05	63.24	1.50	63.24	
PERIOD		1.35196	ug/m^3	R_903	595264.47	4124804.05	63.11	1.50	63.11	
PERIOD		1.42997	ug/m^3	R_904	595264.47	4124824.05	62.92	1.50	62.92	
PERIOD		1.51300	ug/m^3	R_905	595264.47	4124844.05	62.76	1.50	62.76	
PERIOD		1.59808	ug/m^3	R_906	595264.47	4124864.05	62.68	1.50	62.68	
PERIOD		1.68144	ug/m^3	R_907	595264.47	4124884.05	62.50	1.50	62.50	
PERIOD		1.75205	ug/m^3	R_908	595264.47	4124904.05	62.32	1.50	62.32	
PERIOD		1.79312	ug/m^3	R_909	595264.47	4124924.05	62.19	1.50	62.19	
PERIOD		1.78342	ug/m^3	R_910	595264.47	4124944.05	62.11	1.50	62.11	
PERIOD		1.70392	ug/m^3	R_911	595264.47	4124964.05	62.02	1.50	62.02	
PERIOD		1.55023	ug/m^3	R_912	595264.47	4124984.05	61.89	1.50	61.89	
PERIOD		1.34295	ug/m^3	R_913	595264.47	4125004.05	61.81	1.50	61.81	
PERIOD		1.12395	ug/m^3	R_914	595264.47	4125024.05	61.68	1.50	61.68	
PERIOD		0.93537	ug/m^3	R_915	595264.47	4125044.05	61.48	1.50	61.48	
PERIOD		0.79797	ug/m^3	R_916	595264.47	4125064.05	61.34	1.50	61.34	
PERIOD		0.70265	ug/m^3	R_917	595264.47	4125084.05	61.24	1.50	61.24	
PERIOD		0.63358	ug/m^3	R_918	595264.47	4125104.05	61.16	1.50	61.16	
PERIOD		0.58056	ug/m^3	R_919	595264.47	4125124.05	61.04	1.50	61.04	
PERIOD		0.53880	ug/m^3	R_920	595264.47	4125144.05	60.93	1.50	60.93	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.50384	ug/m^3	R_921	595264.47	4125164.05	60.85	1.50	60.85	
PERIOD		0.47259	ug/m^3	R_922	595264.47	4125184.05	60.73	1.50	60.73	
PERIOD		0.44420	ug/m^3	R_923	595264.47	4125204.05	60.63	1.50	60.63	
PERIOD		0.41805	ug/m^3	R_924	595264.47	4125224.05	60.55	1.50	60.55	
PERIOD		0.39379	ug/m^3	R_925	595264.47	4125244.05	60.43	1.50	60.43	
PERIOD		0.37138	ug/m^3	R_926	595264.47	4125264.05	60.32	1.50	60.32	
PERIOD		0.35088	ug/m^3	R_927	595264.47	4125284.05	60.24	1.50	60.24	
PERIOD		1.60602	ug/m^3	R_928	594493.04	4124844.56	68.07	1.50	68.07	
PERIOD		1.67135	ug/m^3	R_929	594493.04	4124864.56	68.07	1.50	68.07	
PERIOD		1.74773	ug/m^3	R_930	594493.04	4124884.56	68.01	1.50	68.01	
PERIOD		1.84168	ug/m^3	R_931	594493.04	4124904.56	67.92	1.50	67.92	
PERIOD		1.96631	ug/m^3	R_932	594493.04	4124924.56	67.78	1.50	67.78	
PERIOD		2.14268	ug/m^3	R_933	594493.04	4124944.56	67.71	1.50	67.71	
PERIOD		2.42950	ug/m^3	R_934	594493.04	4124964.56	67.61	1.50	67.61	
PERIOD		2.99036	ug/m^3	R_935	594493.04	4124984.56	67.48	1.50	67.48	
PERIOD		4.38240	ug/m^3	R_936	594493.04	4125004.56	67.40	1.50	67.40	
PERIOD		9.80852	ug/m^3	R_937	594493.04	4125024.56	67.31	1.50	67.31	
PERIOD		5.74277	ug/m^3	R_938	594493.04	4125044.56	67.17	1.50	67.17	
PERIOD		16.07061	ug/m^3	R_939	594493.04	4125064.56	66.98	1.50	66.98	
PERIOD		14.40868	ug/m^3	R_940	594493.04	4125084.56	66.83	1.50	66.83	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		9.87186	ug/m^3	R_941	594493.04	4125104.56	66.76	1.50	66.76	
PERIOD		7.69683	ug/m^3	R_942	594493.04	4125124.56	66.63	1.50	66.63	
PERIOD		6.41803	ug/m^3	R_943	594493.04	4125144.56	66.52	1.50	66.52	
PERIOD		5.57494	ug/m^3	R_944	594493.04	4125164.56	66.45	1.50	66.45	
PERIOD		4.97956	ug/m^3	R_945	594493.04	4125184.56	66.32	1.50	66.32	
PERIOD		1.78087	ug/m^3	R_946	594513.04	4124844.56	67.87	1.50	67.87	
PERIOD		1.85169	ug/m^3	R_947	594513.04	4124864.56	67.87	1.50	67.87	
PERIOD		1.93555	ug/m^3	R_948	594513.04	4124884.56	67.87	1.50	67.87	
PERIOD		2.04428	ug/m^3	R_949	594513.04	4124904.56	67.79	1.50	67.79	
PERIOD		2.19892	ug/m^3	R_950	594513.04	4124924.56	67.58	1.50	67.58	
PERIOD		2.42803	ug/m^3	R_951	594513.04	4124944.56	67.57	1.50	67.57	
PERIOD		2.84179	ug/m^3	R_952	594513.04	4124964.56	67.48	1.50	67.48	
PERIOD		3.76762	ug/m^3	R_953	594513.04	4124984.56	67.28	1.50	67.28	
PERIOD		6.32113	ug/m^3	R_954	594513.04	4125004.56	67.26	1.50	67.26	
PERIOD		15.22900	ug/m^3	R_955	594513.04	4125024.56	67.18	1.50	67.18	
PERIOD		15.75004	ug/m^3	R_956	594513.04	4125044.56	66.98	1.50	66.98	
PERIOD		20.48112	ug/m^3	R_957	594513.04	4125064.56	66.83	1.50	66.83	
PERIOD		15.96923	ug/m^3	R_958	594513.04	4125084.56	66.72	1.50	66.72	
PERIOD		10.69294	ug/m^3	R_959	594513.04	4125104.56	66.66	1.50	66.66	
PERIOD		8.22433	ug/m^3	R_960	594513.04	4125124.56	66.53	1.50	66.53	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		6.80539	ug/m^3	R_961	594513.04	4125144.56	66.42	1.50	66.42	
PERIOD		5.88585	ug/m^3	R_962	594513.04	4125164.56	66.35	1.50	66.35	
PERIOD		5.24779	ug/m^3	R_963	594513.04	4125184.56	66.16	1.50	66.16	
PERIOD		1.98771	ug/m^3	R_964	594533.04	4124844.56	67.67	1.50	67.67	
PERIOD		2.06612	ug/m^3	R_965	594533.04	4124864.56	67.67	1.50	67.67	
PERIOD		2.16240	ug/m^3	R_966	594533.04	4124884.56	67.67	1.50	67.67	
PERIOD		2.29340	ug/m^3	R_967	594533.04	4124904.56	67.58	1.50	67.58	
PERIOD		2.48953	ug/m^3	R_968	594533.04	4124924.56	67.38	1.50	67.38	
PERIOD		2.80234	ug/m^3	R_969	594533.04	4124944.56	67.36	1.50	67.36	
PERIOD		3.40554	ug/m^3	R_970	594533.04	4124964.56	67.28	1.50	67.28	
PERIOD		4.79086	ug/m^3	R_971	594533.04	4124984.56	67.08	1.50	67.08	
PERIOD		8.33299	ug/m^3	R_972	594533.04	4125004.56	67.06	1.50	67.06	
PERIOD		18.45258	ug/m^3	R_973	594533.04	4125024.56	66.98	1.50	66.98	
PERIOD		19.04952	ug/m^3	R_974	594533.04	4125044.56	66.77	1.50	66.77	
PERIOD		22.28998	ug/m^3	R_975	594533.04	4125064.56	66.75	1.50	66.75	
PERIOD		16.96209	ug/m^3	R_976	594533.04	4125084.56	66.67	1.50	66.67	
PERIOD		11.33004	ug/m^3	R_977	594533.04	4125104.56	66.47	1.50	66.47	
PERIOD		8.66712	ug/m^3	R_978	594533.04	4125124.56	66.45	1.50	66.45	
PERIOD		7.15743	ug/m^3	R_979	594533.04	4125144.56	66.36	1.50	66.36	
PERIOD		6.19715	ug/m^3	R_980	594533.04	4125164.56	66.16	1.50	66.16	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		5.52465	ug/m^3	R_981	594533.04	4125184.56	65.96	1.50	65.96	
PERIOD		2.23227	ug/m^3	R_982	594553.04	4124844.56	67.61	1.50	67.61	
PERIOD		2.32473	ug/m^3	R_983	594553.04	4124864.56	67.48	1.50	67.48	
PERIOD		2.43885	ug/m^3	R_984	594553.04	4124884.56	67.46	1.50	67.46	
PERIOD		2.59765	ug/m^3	R_985	594553.04	4124904.56	67.44	1.50	67.44	
PERIOD		2.84438	ug/m^3	R_986	594553.04	4124924.56	67.37	1.50	67.37	
PERIOD		3.27141	ug/m^3	R_987	594553.04	4124944.56	67.24	1.50	67.24	
PERIOD		4.09532	ug/m^3	R_988	594553.04	4124964.56	67.13	1.50	67.13	
PERIOD		5.86531	ug/m^3	R_989	594553.04	4124984.56	67.06	1.50	67.06	
PERIOD		9.93521	ug/m^3	R_990	594553.04	4125004.56	66.93	1.50	66.93	
PERIOD		20.19904	ug/m^3	R_991	594553.04	4125024.56	66.83	1.50	66.83	
PERIOD		20.30838	ug/m^3	R_992	594553.04	4125044.56	66.76	1.50	66.76	
PERIOD		23.37522	ug/m^3	R_993	594553.04	4125064.56	66.63	1.50	66.63	
PERIOD		17.80264	ug/m^3	R_994	594553.04	4125084.56	66.47	1.50	66.47	
PERIOD		11.88507	ug/m^3	R_995	594553.04	4125104.56	66.26	1.50	66.26	
PERIOD		9.09480	ug/m^3	R_996	594553.04	4125124.56	66.24	1.50	66.24	
PERIOD		7.52201	ug/m^3	R_997	594553.04	4125144.56	66.16	1.50	66.16	
PERIOD		6.52506	ug/m^3	R_998	594553.04	4125164.56	65.96	1.50	65.96	
PERIOD		5.81673	ug/m^3	R_999	594553.04	4125184.56	65.88	1.50	65.88	
PERIOD		6.88625	ug/m^3	R_1000	594573.04	4124984.56	66.96	1.50	66.96	

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Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		11.12513	ug/m^3	R_1001	594573.04	4125004.56	66.77	1.50	66.77	
PERIOD		21.20436	ug/m^3	R_1002	594573.04	4125024.56	66.65	1.50	66.65	
PERIOD		21.25829	ug/m^3	R_1003	594573.04	4125044.56	66.65	1.50	66.65	
PERIOD		24.31364	ug/m^3	R_1004	594573.04	4125064.56	66.47	1.50	66.47	
PERIOD		18.51190	ug/m^3	R_1005	594573.04	4125084.56	66.29	1.50	66.29	
PERIOD		12.38313	ug/m^3	R_1006	594573.04	4125104.56	66.15	1.50	66.15	
PERIOD		9.52624	ug/m^3	R_1007	594573.04	4125124.56	66.08	1.50	66.08	
PERIOD		7.91316	ug/m^3	R_1008	594573.04	4125144.56	65.99	1.50	65.99	
PERIOD		6.88419	ug/m^3	R_1009	594573.04	4125164.56	65.85	1.50	65.85	
PERIOD		6.15060	ug/m^3	R_1010	594573.04	4125184.56	65.78	1.50	65.78	
PERIOD		7.82280	ug/m^3	R_1011	594593.04	4124984.56	66.75	1.50	66.75	
PERIOD		12.04098	ug/m^3	R_1012	594593.04	4125004.56	66.57	1.50	66.57	
PERIOD		21.81310	ug/m^3	R_1013	594593.04	4125024.56	66.45	1.50	66.45	
PERIOD		22.05795	ug/m^3	R_1014	594593.04	4125044.56	66.45	1.50	66.45	
PERIOD		25.26871	ug/m^3	R_1015	594593.04	4125064.56	66.26	1.50	66.26	
PERIOD		19.16641	ug/m^3	R_1016	594593.04	4125084.56	66.14	1.50	66.14	
PERIOD		12.87132	ug/m^3	R_1017	594593.04	4125104.56	66.14	1.50	66.14	
PERIOD		9.99940	ug/m^3	R_1018	594593.04	4125124.56	65.96	1.50	65.96	
PERIOD		8.36817	ug/m^3	R_1019	594593.04	4125144.56	65.84	1.50	65.84	
PERIOD		7.30155	ug/m^3	R_1020	594593.04	4125164.56	65.84	1.50	65.84	

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Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		6.55040	ug/m^3	R_1021	594593.04	4125184.56	65.65	1.50	65.65	
PERIOD		8.69689	ug/m^3	R_1022	594613.04	4124984.56	66.55	1.50	66.55	
PERIOD		12.82369	ug/m^3	R_1023	594613.04	4125004.56	66.37	1.50	66.37	
PERIOD		22.31781	ug/m^3	R_1024	594613.04	4125024.56	66.24	1.50	66.24	
PERIOD		22.70394	ug/m^3	R_1025	594613.04	4125044.56	66.24	1.50	66.24	
PERIOD		25.80677	ug/m^3	R_1026	594613.04	4125064.56	66.18	1.50	66.18	
PERIOD		19.78966	ug/m^3	R_1027	594613.04	4125084.56	66.09	1.50	66.09	
PERIOD		13.48221	ug/m^3	R_1028	594613.04	4125104.56	65.95	1.50	65.95	
PERIOD		10.59275	ug/m^3	R_1029	594613.04	4125124.56	65.76	1.50	65.76	
PERIOD		8.94329	ug/m^3	R_1030	594613.04	4125144.56	65.63	1.50	65.63	
PERIOD		7.84681	ug/m^3	R_1031	594613.04	4125164.56	65.63	1.50	65.63	
PERIOD		7.05684	ug/m^3	R_1032	594613.04	4125184.56	65.45	1.50	65.45	
PERIOD		9.59639	ug/m^3	R_1033	594633.04	4124984.56	66.35	1.50	66.35	
PERIOD		13.59985	ug/m^3	R_1034	594633.04	4125004.56	66.22	1.50	66.22	
PERIOD		22.75792	ug/m^3	R_1035	594633.04	4125024.56	66.11	1.50	66.11	
PERIOD		23.39129	ug/m^3	R_1036	594633.04	4125044.56	66.05	1.50	66.05	
PERIOD		26.55656	ug/m^3	R_1037	594633.04	4125064.56	66.04	1.50	66.04	
PERIOD		20.59751	ug/m^3	R_1038	594633.04	4125084.56	65.96	1.50	65.96	
PERIOD		14.28055	ug/m^3	R_1039	594633.04	4125104.56	65.76	1.50	65.76	
PERIOD		11.37190	ug/m^3	R_1040	594633.04	4125124.56	65.61	1.50	65.61	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		9.69372	ug/m^3	R_1041	594633.04	4125144.56	65.50	1.50	65.50	
PERIOD		8.56332	ug/m^3	R_1042	594633.04	4125164.56	65.44	1.50	65.44	
PERIOD		7.71950	ug/m^3	R_1043	594633.04	4125184.56	65.31	1.50	65.31	
PERIOD		10.66837	ug/m^3	R_1044	594653.04	4124984.56	66.14	1.50	66.14	
PERIOD		14.52088	ug/m^3	R_1045	594653.04	4125004.56	66.14	1.50	66.14	
PERIOD		23.26732	ug/m^3	R_1046	594653.04	4125024.56	66.06	1.50	66.06	
PERIOD		24.20051	ug/m^3	R_1047	594653.04	4125044.56	65.86	1.50	65.86	
PERIOD		27.63723	ug/m^3	R_1048	594653.04	4125064.56	65.84	1.50	65.84	
PERIOD		21.80160	ug/m^3	R_1049	594653.04	4125084.56	65.76	1.50	65.76	
PERIOD		15.45795	ug/m^3	R_1050	594653.04	4125104.56	65.55	1.50	65.55	
PERIOD		12.47459	ug/m^3	R_1051	594653.04	4125124.56	65.53	1.50	65.53	
PERIOD		10.73962	ug/m^3	R_1052	594653.04	4125144.56	65.45	1.50	65.45	
PERIOD		9.57412	ug/m^3	R_1053	594653.04	4125164.56	65.25	1.50	65.25	
PERIOD		8.64957	ug/m^3	R_1054	594653.04	4125184.56	65.23	1.50	65.23	
PERIOD		12.38069	ug/m^3	R_1055	594673.04	4125144.56	65.25	1.50	65.25	
PERIOD		11.14876	ug/m^3	R_1056	594673.04	4125164.56	65.04	1.50	65.04	
PERIOD		10.12563	ug/m^3	R_1057	594673.04	4125184.56	65.03	1.50	65.03	
PERIOD		15.26665	ug/m^3	R_1058	594693.04	4125144.56	65.04	1.50	65.04	
PERIOD		13.96700	ug/m^3	R_1059	594693.04	4125164.56	64.84	1.50	64.84	
PERIOD		12.81886	ug/m^3	R_1060	594693.04	4125184.56	64.82	1.50	64.82	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		21.45989	ug/m^3	R_1061	594713.04	4125144.56	64.84	1.50	64.84	
PERIOD		20.15967	ug/m^3	R_1062	594713.04	4125164.56	64.64	1.50	64.64	
PERIOD		18.82777	ug/m^3	R_1063	594713.04	4125184.56	64.62	1.50	64.62	
PERIOD		0.24693	ug/m^3	R_1064	594170.99	4124692.59	71.27	1.50	71.27	
PERIOD		0.26958	ug/m^3	R_1065	594170.99	4124712.59	71.08	1.50	71.08	
PERIOD		0.26304	ug/m^3	R_1066	594190.99	4124692.59	71.12	1.50	71.12	
PERIOD		0.28722	ug/m^3	R_1067	594190.99	4124712.59	71.03	1.50	71.03	
PERIOD		0.31322	ug/m^3	R_1068	594190.99	4124732.59	70.92	1.50	70.92	
PERIOD		0.25662	ug/m^3	R_1069	594210.99	4124672.59	71.12	1.50	71.12	
PERIOD		0.28106	ug/m^3	R_1070	594210.99	4124692.59	71.00	1.50	71.00	
PERIOD		0.30715	ug/m^3	R_1071	594210.99	4124712.59	70.95	1.50	70.95	
PERIOD		0.33532	ug/m^3	R_1072	594210.99	4124732.59	70.82	1.50	70.82	
PERIOD		0.25024	ug/m^3	R_1073	594230.99	4124652.59	71.08	1.50	71.08	
PERIOD		0.27457	ug/m^3	R_1074	594230.99	4124672.59	71.03	1.50	71.03	
PERIOD		0.30107	ug/m^3	R_1075	594230.99	4124692.59	70.96	1.50	70.96	
PERIOD		0.33007	ug/m^3	R_1076	594230.99	4124712.59	70.77	1.50	70.77	
PERIOD		0.36011	ug/m^3	R_1077	594230.99	4124732.59	70.72	1.50	70.72	
PERIOD		0.24358	ug/m^3	R_1078	594250.99	4124632.59	71.08	1.50	71.08	
PERIOD		0.26854	ug/m^3	R_1079	594250.99	4124652.59	70.88	1.50	70.88	
PERIOD		0.29534	ug/m^3	R_1080	594250.99	4124672.59	70.84	1.50	70.84	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.32438	ug/m^3	R_1081	594250.99	4124692.59	70.78	1.50	70.78	
PERIOD		0.35609	ug/m^3	R_1082	594250.99	4124712.59	70.57	1.50	70.57	
PERIOD		0.38850	ug/m^3	R_1083	594250.99	4124732.59	70.53	1.50	70.53	
PERIOD		0.23725	ug/m^3	R_1084	594270.99	4124612.59	70.94	1.50	70.94	
PERIOD		0.26172	ug/m^3	R_1085	594270.99	4124632.59	70.88	1.50	70.88	
PERIOD		0.28954	ug/m^3	R_1086	594270.99	4124652.59	70.67	1.50	70.67	
PERIOD		0.31917	ug/m^3	R_1087	594270.99	4124672.59	70.63	1.50	70.63	
PERIOD		0.35095	ug/m^3	R_1088	594270.99	4124692.59	70.59	1.50	70.59	
PERIOD		0.38511	ug/m^3	R_1089	594270.99	4124712.59	70.44	1.50	70.44	
PERIOD		0.42026	ug/m^3	R_1090	594270.99	4124732.59	70.37	1.50	70.37	
PERIOD		0.25523	ug/m^3	R_1091	594290.99	4124612.59	70.74	1.50	70.74	
PERIOD		0.28266	ug/m^3	R_1092	594290.99	4124632.59	70.67	1.50	70.67	
PERIOD		0.31362	ug/m^3	R_1093	594290.99	4124652.59	70.47	1.50	70.47	
PERIOD		0.34638	ug/m^3	R_1094	594290.99	4124672.59	70.43	1.50	70.43	
PERIOD		0.38105	ug/m^3	R_1095	594290.99	4124692.59	70.43	1.50	70.43	
PERIOD		0.41744	ug/m^3	R_1096	594290.99	4124712.59	70.41	1.50	70.41	
PERIOD		0.45584	ug/m^3	R_1097	594290.99	4124732.59	70.26	1.50	70.26	
PERIOD		0.24889	ug/m^3	R_1098	594310.99	4124592.59	70.53	1.50	70.53	
PERIOD		0.27608	ug/m^3	R_1099	594310.99	4124612.59	70.53	1.50	70.53	
PERIOD		0.30683	ug/m^3	R_1100	594310.99	4124632.59	70.47	1.50	70.47	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.34132	ug/m^3	R_1101	594310.99	4124652.59	70.27	1.50	70.27	
PERIOD		0.37760	ug/m^3	R_1102	594310.99	4124672.59	70.23	1.50	70.23	
PERIOD		0.41566	ug/m^3	R_1103	594310.99	4124692.59	70.23	1.50	70.23	
PERIOD		0.45516	ug/m^3	R_1104	594310.99	4124712.59	70.23	1.50	70.23	
PERIOD		0.49679	ug/m^3	R_1105	594310.99	4124732.59	70.06	1.50	70.06	
PERIOD		0.24241	ug/m^3	R_1106	594330.99	4124572.59	70.33	1.50	70.33	
PERIOD		0.26951	ug/m^3	R_1107	594330.99	4124592.59	70.33	1.50	70.33	
PERIOD		0.30027	ug/m^3	R_1108	594330.99	4124612.59	70.33	1.50	70.33	
PERIOD		0.33484	ug/m^3	R_1109	594330.99	4124632.59	70.28	1.50	70.28	
PERIOD		0.37315	ug/m^3	R_1110	594330.99	4124652.59	70.13	1.50	70.13	
PERIOD		0.41353	ug/m^3	R_1111	594330.99	4124672.59	70.06	1.50	70.06	
PERIOD		0.45558	ug/m^3	R_1112	594330.99	4124692.59	70.02	1.50	70.02	
PERIOD		0.49853	ug/m^3	R_1113	594330.99	4124712.59	70.02	1.50	70.02	
PERIOD		0.54308	ug/m^3	R_1114	594330.99	4124732.59	69.90	1.50	69.90	
PERIOD		0.23575	ug/m^3	R_1115	594350.99	4124552.59	70.13	1.50	70.13	
PERIOD		0.26262	ug/m^3	R_1116	594350.99	4124572.59	70.13	1.50	70.13	
PERIOD		0.29352	ug/m^3	R_1117	594350.99	4124592.59	70.13	1.50	70.13	
PERIOD		0.32854	ug/m^3	R_1118	594350.99	4124612.59	70.13	1.50	70.13	
PERIOD		0.36739	ug/m^3	R_1119	594350.99	4124632.59	70.12	1.50	70.12	
PERIOD		0.40940	ug/m^3	R_1120	594350.99	4124652.59	70.11	1.50	70.11	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.45478	ug/m^3	R_1121	594350.99	4124672.59	69.95	1.50	69.95	
PERIOD		0.50153	ug/m^3	R_1122	594350.99	4124692.59	69.82	1.50	69.82	
PERIOD		0.54816	ug/m^3	R_1123	594350.99	4124712.59	69.82	1.50	69.82	
PERIOD		0.59507	ug/m^3	R_1124	594350.99	4124732.59	69.81	1.50	69.81	
PERIOD		0.25544	ug/m^3	R_1125	594370.99	4124552.59	69.92	1.50	69.92	
PERIOD		0.28624	ug/m^3	R_1126	594370.99	4124572.59	69.92	1.50	69.92	
PERIOD		0.32171	ug/m^3	R_1127	594370.99	4124592.59	69.92	1.50	69.92	
PERIOD		0.36177	ug/m^3	R_1128	594370.99	4124612.59	69.92	1.50	69.92	
PERIOD		0.40583	ug/m^3	R_1129	594370.99	4124632.59	69.92	1.50	69.92	
PERIOD		0.45294	ug/m^3	R_1130	594370.99	4124652.59	69.92	1.50	69.92	
PERIOD		0.50323	ug/m^3	R_1131	594370.99	4124672.59	69.76	1.50	69.76	
PERIOD		0.55455	ug/m^3	R_1132	594370.99	4124692.59	69.62	1.50	69.62	
PERIOD		0.60507	ug/m^3	R_1133	594370.99	4124712.59	69.62	1.50	69.62	
PERIOD		0.65526	ug/m^3	R_1134	594370.99	4124732.59	69.62	1.50	69.62	
PERIOD		0.70536	ug/m^3	R_1135	594370.99	4124752.59	69.56	1.50	69.56	
PERIOD		0.31400	ug/m^3	R_1136	594390.99	4124572.59	69.72	1.50	69.72	
PERIOD		0.35502	ug/m^3	R_1137	594390.99	4124592.59	69.72	1.50	69.72	
PERIOD		0.40103	ug/m^3	R_1138	594390.99	4124612.59	69.72	1.50	69.72	
PERIOD		0.45112	ug/m^3	R_1139	594390.99	4124632.59	69.72	1.50	69.72	
PERIOD		0.50405	ug/m^3	R_1140	594390.99	4124652.59	69.72	1.50	69.72	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.55946	ug/m^3	R_1141	594390.99	4124672.59	69.60	1.50	69.60	
PERIOD		0.61542	ug/m^3	R_1142	594390.99	4124692.59	69.48	1.50	69.48	
PERIOD		0.67044	ug/m^3	R_1143	594390.99	4124712.59	69.43	1.50	69.43	
PERIOD		0.72424	ug/m^3	R_1144	594390.99	4124732.59	69.41	1.50	69.41	
PERIOD		0.77703	ug/m^3	R_1145	594390.99	4124752.59	69.37	1.50	69.37	
PERIOD		0.39478	ug/m^3	R_1146	594410.99	4124592.59	69.52	1.50	69.52	
PERIOD		0.44787	ug/m^3	R_1147	594410.99	4124612.59	69.52	1.50	69.52	
PERIOD		0.50491	ug/m^3	R_1148	594410.99	4124632.59	69.52	1.50	69.52	
PERIOD		0.56429	ug/m^3	R_1149	594410.99	4124652.59	69.52	1.50	69.52	
PERIOD		0.62468	ug/m^3	R_1150	594410.99	4124672.59	69.50	1.50	69.50	
PERIOD		0.68507	ug/m^3	R_1151	594410.99	4124692.59	69.44	1.50	69.44	
PERIOD		0.74562	ug/m^3	R_1152	594410.99	4124712.59	69.25	1.50	69.25	
PERIOD		0.80303	ug/m^3	R_1153	594410.99	4124732.59	69.21	1.50	69.21	
PERIOD		0.85807	ug/m^3	R_1154	594410.99	4124752.59	69.21	1.50	69.21	
PERIOD		0.56925	ug/m^3	R_1155	594430.99	4124632.59	69.31	1.50	69.31	
PERIOD		0.63578	ug/m^3	R_1156	594430.99	4124652.59	69.31	1.50	69.31	
PERIOD		0.70214	ug/m^3	R_1157	594430.99	4124672.59	69.31	1.50	69.31	
PERIOD		0.76768	ug/m^3	R_1158	594430.99	4124692.59	69.25	1.50	69.25	
PERIOD		0.83265	ug/m^3	R_1159	594430.99	4124712.59	69.05	1.50	69.05	
PERIOD		0.89337	ug/m^3	R_1160	594430.99	4124732.59	69.01	1.50	69.01	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.95091	ug/m^3	R_1161	594430.99	4124752.59	69.01	1.50	69.01	
PERIOD		0.64630	ug/m^3	R_1162	594450.99	4124632.59	69.11	1.50	69.11	
PERIOD		0.72062	ug/m^3	R_1163	594450.99	4124652.59	69.11	1.50	69.11	
PERIOD		0.79343	ug/m^3	R_1164	594450.99	4124672.59	69.11	1.50	69.11	
PERIOD		0.86408	ug/m^3	R_1165	594450.99	4124692.59	69.06	1.50	69.06	
PERIOD		0.93239	ug/m^3	R_1166	594450.99	4124712.59	68.91	1.50	68.91	
PERIOD		0.99634	ug/m^3	R_1167	594450.99	4124732.59	68.84	1.50	68.84	
PERIOD		1.05651	ug/m^3	R_1168	594450.99	4124752.59	68.81	1.50	68.81	
PERIOD		0.97618	ug/m^3	R_1169	594470.99	4124692.59	68.90	1.50	68.90	
PERIOD		1.04659	ug/m^3	R_1170	594470.99	4124712.59	68.89	1.50	68.89	
PERIOD		1.11416	ug/m^3	R_1171	594470.99	4124732.59	68.73	1.50	68.73	
PERIOD		1.17738	ug/m^3	R_1172	594470.99	4124752.59	68.60	1.50	68.60	
PERIOD		0.79096	ug/m^3	R_1173	594329.14	4124844.95	69.36	1.50	69.36	
PERIOD		0.83867	ug/m^3	R_1174	594329.14	4124864.95	69.20	1.50	69.20	
PERIOD		0.88718	ug/m^3	R_1175	594329.14	4124884.95	69.15	1.50	69.15	
PERIOD		0.93892	ug/m^3	R_1176	594329.14	4124904.95	69.06	1.50	69.06	
PERIOD		0.99533	ug/m^3	R_1177	594329.14	4124924.95	68.90	1.50	68.90	
PERIOD		1.05556	ug/m^3	R_1178	594329.14	4124944.95	68.85	1.50	68.85	
PERIOD		1.12167	ug/m^3	R_1179	594329.14	4124964.95	68.76	1.50	68.76	
PERIOD		1.19502	ug/m^3	R_1180	594329.14	4124984.95	68.59	1.50	68.59	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.27447	ug/m^3	R_1181	594329.14	4125004.95	68.39	1.50	68.39	
PERIOD		1.36011	ug/m^3	R_1182	594329.14	4125024.95	68.26	1.50	68.26	
PERIOD		1.45942	ug/m^3	R_1183	594329.14	4125044.95	68.22	1.50	68.22	
PERIOD		1.58593	ug/m^3	R_1184	594329.14	4125064.95	68.06	1.50	68.06	
PERIOD		1.75173	ug/m^3	R_1185	594329.14	4125084.95	67.88	1.50	67.88	
PERIOD		1.95629	ug/m^3	R_1186	594329.14	4125104.95	67.68	1.50	67.68	
PERIOD		2.16726	ug/m^3	R_1187	594329.14	4125124.95	67.63	1.50	67.63	
PERIOD		2.34366	ug/m^3	R_1188	594329.14	4125144.95	67.54	1.50	67.54	
PERIOD		2.45972	ug/m^3	R_1189	594329.14	4125164.95	67.37	1.50	67.37	
PERIOD		2.51375	ug/m^3	R_1190	594329.14	4125184.95	67.17	1.50	67.17	
PERIOD		0.85507	ug/m^3	R_1191	594349.14	4124844.95	69.22	1.50	69.22	
PERIOD		0.90328	ug/m^3	R_1192	594349.14	4124864.95	69.19	1.50	69.19	
PERIOD		0.95527	ug/m^3	R_1193	594349.14	4124884.95	69.03	1.50	69.03	
PERIOD		1.01012	ug/m^3	R_1194	594349.14	4124904.95	68.91	1.50	68.91	
PERIOD		1.06879	ug/m^3	R_1195	594349.14	4124924.95	68.89	1.50	68.89	
PERIOD		1.13624	ug/m^3	R_1196	594349.14	4124944.95	68.72	1.50	68.72	
PERIOD		1.21140	ug/m^3	R_1197	594349.14	4124964.95	68.61	1.50	68.61	
PERIOD		1.29511	ug/m^3	R_1198	594349.14	4124984.95	68.58	1.50	68.58	
PERIOD		1.39159	ug/m^3	R_1199	594349.14	4125004.95	68.39	1.50	68.39	
PERIOD		1.49900	ug/m^3	R_1200	594349.14	4125024.95	68.20	1.50	68.20	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.62926	ug/m^3	R_1201	594349.14	4125044.95	68.02	1.50	68.02	
PERIOD		1.79725	ug/m^3	R_1202	594349.14	4125064.95	67.99	1.50	67.99	
PERIOD		2.02286	ug/m^3	R_1203	594349.14	4125084.95	67.88	1.50	67.88	
PERIOD		2.29143	ug/m^3	R_1204	594349.14	4125104.95	67.68	1.50	67.68	
PERIOD		2.54125	ug/m^3	R_1205	594349.14	4125124.95	67.50	1.50	67.50	
PERIOD		2.71294	ug/m^3	R_1206	594349.14	4125144.95	67.39	1.50	67.39	
PERIOD		2.79199	ug/m^3	R_1207	594349.14	4125164.95	67.36	1.50	67.36	
PERIOD		2.80068	ug/m^3	R_1208	594349.14	4125184.95	67.17	1.50	67.17	
PERIOD		0.92543	ug/m^3	R_1209	594369.14	4124844.95	69.14	1.50	69.14	
PERIOD		0.97625	ug/m^3	R_1210	594369.14	4124864.95	69.04	1.50	69.04	
PERIOD		1.02972	ug/m^3	R_1211	594369.14	4124884.95	68.94	1.50	68.94	
PERIOD		1.08744	ug/m^3	R_1212	594369.14	4124904.95	68.84	1.50	68.84	
PERIOD		1.15162	ug/m^3	R_1213	594369.14	4124924.95	68.73	1.50	68.73	
PERIOD		1.22585	ug/m^3	R_1214	594369.14	4124944.95	68.53	1.50	68.53	
PERIOD		1.31191	ug/m^3	R_1215	594369.14	4124964.95	68.42	1.50	68.42	
PERIOD		1.41135	ug/m^3	R_1216	594369.14	4124984.95	68.42	1.50	68.42	
PERIOD		1.53146	ug/m^3	R_1217	594369.14	4125004.95	68.23	1.50	68.23	
PERIOD		1.67091	ug/m^3	R_1218	594369.14	4125024.95	68.07	1.50	68.07	
PERIOD		1.84636	ug/m^3	R_1219	594369.14	4125044.95	67.98	1.50	67.98	
PERIOD		2.08610	ug/m^3	R_1220	594369.14	4125064.95	67.87	1.50	67.87	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.40790	ug/m^3	R_1221	594369.14	4125084.95	67.72	1.50	67.72	
PERIOD		2.75678	ug/m^3	R_1222	594369.14	4125104.95	67.52	1.50	67.52	
PERIOD		3.02238	ug/m^3	R_1223	594369.14	4125124.95	67.42	1.50	67.42	
PERIOD		3.15268	ug/m^3	R_1224	594369.14	4125144.95	67.31	1.50	67.31	
PERIOD		3.16655	ug/m^3	R_1225	594369.14	4125164.95	67.21	1.50	67.21	
PERIOD		3.10975	ug/m^3	R_1226	594369.14	4125184.95	67.01	1.50	67.01	
PERIOD		1.00382	ug/m^3	R_1227	594389.14	4124844.95	69.04	1.50	69.04	
PERIOD		1.05775	ug/m^3	R_1228	594389.14	4124864.95	68.84	1.50	68.84	
PERIOD		1.11253	ug/m^3	R_1229	594389.14	4124884.95	68.82	1.50	68.82	
PERIOD		1.17332	ug/m^3	R_1230	594389.14	4124904.95	68.74	1.50	68.74	
PERIOD		1.24384	ug/m^3	R_1231	594389.14	4124924.95	68.53	1.50	68.53	
PERIOD		1.32572	ug/m^3	R_1232	594389.14	4124944.95	68.37	1.50	68.37	
PERIOD		1.42426	ug/m^3	R_1233	594389.14	4124964.95	68.26	1.50	68.26	
PERIOD		1.54634	ug/m^3	R_1234	594389.14	4124984.95	68.22	1.50	68.22	
PERIOD		1.70003	ug/m^3	R_1235	594389.14	4125004.95	68.06	1.50	68.06	
PERIOD		1.89156	ug/m^3	R_1236	594389.14	4125024.95	67.95	1.50	67.95	
PERIOD		2.14505	ug/m^3	R_1237	594389.14	4125044.95	67.91	1.50	67.91	
PERIOD		2.51175	ug/m^3	R_1238	594389.14	4125064.95	67.72	1.50	67.72	
PERIOD		2.98372	ug/m^3	R_1239	594389.14	4125084.95	67.54	1.50	67.54	
PERIOD		3.40926	ug/m^3	R_1240	594389.14	4125104.95	67.37	1.50	67.37	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.63234	ug/m^3	R_1241	594389.14	4125124.95	67.32	1.50	67.32	
PERIOD		3.65977	ug/m^3	R_1242	594389.14	4125144.95	67.23	1.50	67.23	
PERIOD		3.57038	ug/m^3	R_1243	594389.14	4125164.95	67.07	1.50	67.07	
PERIOD		3.42914	ug/m^3	R_1244	594389.14	4125184.95	66.87	1.50	66.87	
PERIOD		1.09269	ug/m^3	R_1245	594409.14	4124844.95	68.84	1.50	68.84	
PERIOD		1.14867	ug/m^3	R_1246	594409.14	4124864.95	68.64	1.50	68.64	
PERIOD		1.20598	ug/m^3	R_1247	594409.14	4124884.95	68.62	1.50	68.62	
PERIOD		1.27067	ug/m^3	R_1248	594409.14	4124904.95	68.53	1.50	68.53	
PERIOD		1.34685	ug/m^3	R_1249	594409.14	4124924.95	68.33	1.50	68.33	
PERIOD		1.43645	ug/m^3	R_1250	594409.14	4124944.95	68.29	1.50	68.29	
PERIOD		1.55065	ug/m^3	R_1251	594409.14	4124964.95	68.20	1.50	68.20	
PERIOD		1.70345	ug/m^3	R_1252	594409.14	4124984.95	68.02	1.50	68.02	
PERIOD		1.90706	ug/m^3	R_1253	594409.14	4125004.95	67.99	1.50	67.99	
PERIOD		2.18925	ug/m^3	R_1254	594409.14	4125024.95	67.90	1.50	67.90	
PERIOD		2.59875	ug/m^3	R_1255	594409.14	4125044.95	67.72	1.50	67.72	
PERIOD		3.20670	ug/m^3	R_1256	594409.14	4125064.95	67.52	1.50	67.52	
PERIOD		3.89278	ug/m^3	R_1257	594409.14	4125084.95	67.39	1.50	67.39	
PERIOD		4.31177	ug/m^3	R_1258	594409.14	4125104.95	67.36	1.50	67.36	
PERIOD		4.37371	ug/m^3	R_1259	594409.14	4125124.95	67.20	1.50	67.20	
PERIOD		4.21802	ug/m^3	R_1260	594409.14	4125144.95	67.09	1.50	67.09	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.98317	ug/m^3	R_1261	594409.14	4125164.95	67.06	1.50	67.06	
PERIOD		3.74506	ug/m^3	R_1262	594409.14	4125184.95	66.87	1.50	66.87	
PERIOD		1.19169	ug/m^3	R_1263	594429.14	4124844.95	68.68	1.50	68.68	
PERIOD		1.24836	ug/m^3	R_1264	594429.14	4124864.95	68.59	1.50	68.59	
PERIOD		1.31007	ug/m^3	R_1265	594429.14	4124884.95	68.48	1.50	68.48	
PERIOD		1.37939	ug/m^3	R_1266	594429.14	4124904.95	68.38	1.50	68.38	
PERIOD		1.46102	ug/m^3	R_1267	594429.14	4124924.95	68.28	1.50	68.28	
PERIOD		1.56270	ug/m^3	R_1268	594429.14	4124944.95	68.18	1.50	68.18	
PERIOD		1.69827	ug/m^3	R_1269	594429.14	4124964.95	68.03	1.50	68.03	
PERIOD		1.89119	ug/m^3	R_1270	594429.14	4124984.95	67.82	1.50	67.82	
PERIOD		2.17417	ug/m^3	R_1271	594429.14	4125004.95	67.81	1.50	67.81	
PERIOD		2.62798	ug/m^3	R_1272	594429.14	4125024.95	67.72	1.50	67.72	
PERIOD		3.38775	ug/m^3	R_1273	594429.14	4125044.95	67.52	1.50	67.52	
PERIOD		4.49014	ug/m^3	R_1274	594429.14	4125064.95	67.42	1.50	67.42	
PERIOD		5.37557	ug/m^3	R_1275	594429.14	4125084.95	67.31	1.50	67.31	
PERIOD		5.51812	ug/m^3	R_1276	594429.14	4125104.95	67.21	1.50	67.21	
PERIOD		5.20893	ug/m^3	R_1277	594429.14	4125124.95	67.11	1.50	67.11	
PERIOD		4.79043	ug/m^3	R_1278	594429.14	4125144.95	67.01	1.50	67.01	
PERIOD		4.39625	ug/m^3	R_1279	594429.14	4125164.95	66.90	1.50	66.90	
PERIOD		4.05855	ug/m^3	R_1280	594429.14	4125184.95	66.71	1.50	66.71	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.30304	ug/m^3	R_1281	594449.14	4124844.95	68.52	1.50	68.52	
PERIOD		1.36083	ug/m^3	R_1282	594449.14	4124864.95	68.52	1.50	68.52	
PERIOD		1.42759	ug/m^3	R_1283	594449.14	4124884.95	68.33	1.50	68.33	
PERIOD		1.50319	ug/m^3	R_1284	594449.14	4124904.95	68.21	1.50	68.21	
PERIOD		1.59234	ug/m^3	R_1285	594449.14	4124924.95	68.21	1.50	68.21	
PERIOD		1.71113	ug/m^3	R_1286	594449.14	4124944.95	68.03	1.50	68.03	
PERIOD		1.87460	ug/m^3	R_1287	594449.14	4124964.95	67.84	1.50	67.84	
PERIOD		2.11940	ug/m^3	R_1288	594449.14	4124984.95	67.68	1.50	67.68	
PERIOD		2.52477	ug/m^3	R_1289	594449.14	4125004.95	67.63	1.50	67.63	
PERIOD		3.33813	ug/m^3	R_1290	594449.14	4125024.95	67.54	1.50	67.54	
PERIOD		5.11836	ug/m^3	R_1291	594449.14	4125044.95	67.37	1.50	67.37	
PERIOD		7.25950	ug/m^3	R_1292	594449.14	4125064.95	67.32	1.50	67.32	
PERIOD		7.72371	ug/m^3	R_1293	594449.14	4125084.95	67.21	1.50	67.21	
PERIOD		6.96049	ug/m^3	R_1294	594449.14	4125104.95	67.01	1.50	67.01	
PERIOD		6.06477	ug/m^3	R_1295	594449.14	4125124.95	67.00	1.50	67.00	
PERIOD		5.34549	ug/m^3	R_1296	594449.14	4125144.95	66.91	1.50	66.91	
PERIOD		4.79337	ug/m^3	R_1297	594449.14	4125164.95	66.71	1.50	66.71	
PERIOD		4.36072	ug/m^3	R_1298	594449.14	4125184.95	66.54	1.50	66.54	
PERIOD		1.43011	ug/m^3	R_1299	594469.14	4124844.95	68.32	1.50	68.32	
PERIOD		1.49088	ug/m^3	R_1300	594469.14	4124864.95	68.32	1.50	68.32	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.56245	ug/m^3	R_1301	594469.14	4124884.95	68.13	1.50	68.13	
PERIOD		1.64542	ug/m^3	R_1302	594469.14	4124904.95	68.01	1.50	68.01	
PERIOD		1.74649	ug/m^3	R_1303	594469.14	4124924.95	68.01	1.50	68.01	
PERIOD		1.88748	ug/m^3	R_1304	594469.14	4124944.95	67.82	1.50	67.82	
PERIOD		2.09183	ug/m^3	R_1305	594469.14	4124964.95	67.69	1.50	67.69	
PERIOD		2.42600	ug/m^3	R_1306	594469.14	4124984.95	67.67	1.50	67.67	
PERIOD		3.04453	ug/m^3	R_1307	594469.14	4125004.95	67.50	1.50	67.50	
PERIOD		4.51443	ug/m^3	R_1308	594469.14	4125024.95	67.39	1.50	67.39	
PERIOD		10.36956	ug/m^3	R_1309	594469.14	4125044.95	67.36	1.50	67.36	
PERIOD		13.80408	ug/m^3	R_1310	594469.14	4125064.95	67.20	1.50	67.20	
PERIOD		10.88467	ug/m^3	R_1311	594469.14	4125084.95	67.01	1.50	67.01	
PERIOD		8.42119	ug/m^3	R_1312	594469.14	4125104.95	66.81	1.50	66.81	
PERIOD		6.87026	ug/m^3	R_1313	594469.14	4125124.95	66.79	1.50	66.79	
PERIOD		5.86249	ug/m^3	R_1314	594469.14	4125144.95	66.71	1.50	66.71	
PERIOD		5.16553	ug/m^3	R_1315	594469.14	4125164.95	66.50	1.50	66.50	
PERIOD		4.64481	ug/m^3	R_1316	594469.14	4125184.95	66.46	1.50	66.46	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		22.69259	ug/m^3	W_001	594765.48	4125033.18	64.83	1.50	64.83	
PERIOD		19.21491	ug/m^3	W_002	594783.72	4125031.76	64.71	1.50	64.71	
PERIOD		18.53682	ug/m^3	W_003	594794.04	4125034.59	64.65	1.50	64.65	
PERIOD		16.85266	ug/m^3	W_004	594773.25	4125005.89	64.92	1.50	64.92	
PERIOD		15.14171	ug/m^3	W_005	594773.40	4124986.94	64.92	1.50	64.92	
PERIOD		18.56527	ug/m^3	W_006	594699.48	4125024.67	65.59	1.50	65.59	
PERIOD		15.34185	ug/m^3	W_007	594716.11	4124993.36	65.50	1.50	65.50	
PERIOD		18.19890	ug/m^3	W_008	594679.69	4125079.16	65.54	1.50	65.54	
PERIOD		13.51147	ug/m^3	W_009	594679.69	4125108.03	65.26	1.50	65.26	
PERIOD		15.21420	ug/m^3	W_010	594704.81	4125117.40	65.01	1.50	65.01	
PERIOD		16.02130	ug/m^3	W_011	594785.47	4125113.91	64.28	1.50	64.28	
PERIOD		19.37921	ug/m^3	W_012	594786.28	4125095.49	64.38	1.50	64.38	
PERIOD		9.93237	ug/m^3	W_013	594765.15	4125191.10	64.09	1.50	64.09	
PERIOD		0.29972	ug/m^3	W_014	594413.88	4124529.10	69.49	1.50	796.44	
PERIOD		0.33719	ug/m^3	W_015	594413.88	4124549.10	69.49	1.50	69.49	
PERIOD		0.37104	ug/m^3	W_016	594433.88	4124549.10	69.41	1.50	69.41	
PERIOD		0.42036	ug/m^3	W_017	594433.88	4124569.10	69.28	1.50	69.28	
PERIOD		0.46857	ug/m^3	W_018	594453.88	4124569.10	69.18	1.50	69.18	
PERIOD		0.52946	ug/m^3	W_019	594453.88	4124589.10	69.11	1.50	69.11	
PERIOD		0.52650	ug/m^3	W_020	594473.88	4124569.10	69.16	1.50	69.16	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.60044	ug/m^3	W_021	594473.88	4124589.10	68.96	1.50	68.96	
PERIOD		0.60219	ug/m^3	W_022	594493.88	4124569.10	68.97	1.50	68.97	
PERIOD		0.68259	ug/m^3	W_023	594493.88	4124589.10	68.91	1.50	68.91	
PERIOD		0.60192	ug/m^3	W_024	594513.88	4124549.10	68.78	1.50	796.44	
PERIOD		0.69198	ug/m^3	W_025	594513.88	4124569.10	68.78	1.50	68.78	
PERIOD		0.69847	ug/m^3	W_026	594533.88	4124549.10	68.57	1.50	796.44	
PERIOD		0.80523	ug/m^3	W_027	594533.88	4124569.10	68.57	1.50	68.57	
PERIOD		0.82206	ug/m^3	W_028	594553.88	4124549.10	68.37	1.50	796.44	
PERIOD		0.94862	ug/m^3	W_029	594553.88	4124569.10	68.37	1.50	68.37	
PERIOD		0.98310	ug/m^3	W_030	594573.88	4124549.10	68.23	1.50	796.44	
PERIOD		1.13370	ug/m^3	W_031	594573.88	4124569.10	68.17	1.50	68.17	
PERIOD		1.19719	ug/m^3	W_032	594593.88	4124549.10	68.14	1.50	796.44	
PERIOD		1.37663	ug/m^3	W_033	594593.88	4124569.10	67.96	1.50	67.96	
PERIOD		1.49068	ug/m^3	W_034	594613.88	4124549.10	67.94	1.50	796.44	
PERIOD		1.69978	ug/m^3	W_035	594613.88	4124569.10	67.76	1.50	67.76	
PERIOD		1.87836	ug/m^3	W_036	594613.88	4124589.10	67.76	1.50	67.76	
PERIOD		1.89743	ug/m^3	W_037	594633.88	4124549.10	67.78	1.50	796.44	
PERIOD		2.13396	ug/m^3	W_038	594633.88	4124569.10	67.66	1.50	67.66	
PERIOD		2.33105	ug/m^3	W_039	594633.88	4124589.10	67.58	1.50	67.58	
PERIOD		2.47345	ug/m^3	W_040	594653.88	4124549.10	67.66	1.50	796.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.73154	ug/m^3	W_041	594653.88	4124569.10	67.63	1.50	67.63	
PERIOD		2.94715	ug/m^3	W_042	594653.88	4124589.10	67.43	1.50	67.43	
PERIOD		3.30905	ug/m^3	W_043	594673.88	4124549.10	67.58	1.50	796.44	
PERIOD		3.59247	ug/m^3	W_044	594673.88	4124569.10	67.43	1.50	67.43	
PERIOD		3.81891	ug/m^3	W_045	594673.88	4124589.10	67.23	1.50	67.23	
PERIOD		4.57417	ug/m^3	W_046	594693.88	4124549.10	67.47	1.50	796.44	
PERIOD		4.86827	ug/m^3	W_047	594693.88	4124569.10	67.33	1.50	67.33	
PERIOD		5.10366	ug/m^3	W_048	594693.88	4124589.10	67.13	1.50	67.13	
PERIOD		3.19717	ug/m^3	W_049	594713.88	4124469.10	67.96	1.50	796.44	
PERIOD		4.61903	ug/m^3	W_050	594713.88	4124489.10	67.84	1.50	796.44	
PERIOD		5.56930	ug/m^3	W_051	594713.88	4124509.10	67.64	1.50	796.44	
PERIOD		0.64539	ug/m^3	W_052	594580.48	4124497.15	68.40	1.50	796.44	
PERIOD		0.55843	ug/m^3	W_053	594580.80	4124483.13	68.40	1.50	796.44	
PERIOD		2.26150	ug/m^3	W_054	594579.60	4124792.04	67.50	1.50	67.50	
PERIOD		2.33725	ug/m^3	W_055	594579.60	4124812.04	67.50	1.50	67.50	
PERIOD		2.59126	ug/m^3	W_056	594599.60	4124792.04	67.30	1.50	67.30	
PERIOD		2.67489	ug/m^3	W_057	594599.60	4124812.04	67.28	1.50	67.28	
PERIOD		3.00695	ug/m^3	W_058	594619.60	4124792.04	67.09	1.50	67.09	
PERIOD		3.10054	ug/m^3	W_059	594619.60	4124812.04	67.04	1.50	67.04	
PERIOD		3.54489	ug/m^3	W_060	594639.60	4124792.04	66.89	1.50	66.89	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.64909	ug/m^3	W_061	594639.60	4124812.04	66.83	1.50	66.83	
PERIOD		3.78479	ug/m^3	W_062	594639.60	4124832.04	66.63	1.50	66.63	
PERIOD		3.94315	ug/m^3	W_063	594639.60	4124852.04	66.58	1.50	66.58	
PERIOD		4.14576	ug/m^3	W_064	594639.60	4124872.04	66.58	1.50	66.58	
PERIOD		4.27373	ug/m^3	W_065	594659.60	4124792.04	66.65	1.50	66.65	
PERIOD		4.39109	ug/m^3	W_066	594659.60	4124812.04	66.58	1.50	66.58	
PERIOD		4.54077	ug/m^3	W_067	594659.60	4124832.04	66.42	1.50	66.42	
PERIOD		4.71666	ug/m^3	W_068	594659.60	4124852.04	66.38	1.50	66.38	
PERIOD		4.94185	ug/m^3	W_069	594659.60	4124872.04	66.38	1.50	66.38	
PERIOD		5.31671	ug/m^3	W_070	594679.60	4124792.04	66.34	1.50	66.34	
PERIOD		5.45420	ug/m^3	W_071	594679.60	4124812.04	66.21	1.50	66.21	
PERIOD		5.60913	ug/m^3	W_072	594679.60	4124832.04	66.18	1.50	66.18	
PERIOD		5.80056	ug/m^3	W_073	594679.60	4124852.04	66.18	1.50	66.18	
PERIOD		6.04800	ug/m^3	W_074	594679.60	4124872.04	66.18	1.50	66.18	
PERIOD		6.88660	ug/m^3	W_075	594699.60	4124792.04	66.12	1.50	66.12	
PERIOD		7.04887	ug/m^3	W_076	594699.60	4124812.04	65.97	1.50	65.97	
PERIOD		7.21895	ug/m^3	W_077	594699.60	4124832.04	65.97	1.50	65.97	
PERIOD		7.43265	ug/m^3	W_078	594699.60	4124852.04	65.97	1.50	65.97	
PERIOD		7.71031	ug/m^3	W_079	594699.60	4124872.04	65.94	1.50	65.94	
PERIOD		9.45394	ug/m^3	W_080	594719.60	4124792.04	65.92	1.50	65.92	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		9.64959	ug/m^3	W_081	594719.60	4124812.04	65.77	1.50	65.77	
PERIOD		9.84884	ug/m^3	W_082	594719.60	4124832.04	65.77	1.50	65.77	
PERIOD		10.09515	ug/m^3	W_083	594719.60	4124852.04	65.77	1.50	65.77	
PERIOD		10.41072	ug/m^3	W_084	594719.60	4124872.04	65.73	1.50	65.73	
PERIOD		0.58124	ug/m^3	W_085	594308.10	4124780.25	69.93	1.50	69.93	
PERIOD		0.37280	ug/m^3	W_086	594170.89	4124787.21	70.63	1.50	70.63	
PERIOD		3.16956	ug/m^3	PS_001	594587.24	4124904.99	67.12	1.50	67.12	
PERIOD		4.07135	ug/m^3	PS_002	594607.24	4124924.99	66.91	1.50	66.91	
PERIOD		4.73392	ug/m^3	PS_003	594607.24	4124944.99	66.72	1.50	66.72	
PERIOD		4.70074	ug/m^3	PS_004	594627.24	4124924.99	66.67	1.50	66.67	
PERIOD		5.41074	ug/m^3	PS_005	594627.24	4124944.99	66.51	1.50	66.51	
PERIOD		5.47571	ug/m^3	PS_006	594647.24	4124924.99	66.27	1.50	66.27	
PERIOD		6.20732	ug/m^3	PS_007	594647.24	4124944.99	66.22	1.50	66.22	
PERIOD		6.45157	ug/m^3	PS_008	594667.24	4124924.99	66.01	1.50	66.01	
PERIOD		7.19607	ug/m^3	PS_009	594667.24	4124944.99	66.00	1.50	66.00	
PERIOD		7.79882	ug/m^3	PS_010	594687.24	4124924.99	65.81	1.50	65.81	
PERIOD		8.55263	ug/m^3	PS_011	594687.24	4124944.99	65.80	1.50	65.80	
PERIOD		9.85201	ug/m^3	PS_012	594707.24	4124924.99	65.59	1.50	65.59	
PERIOD		10.61200	ug/m^3	PS_013	594707.24	4124944.99	65.59	1.50	65.59	
PERIOD		8.42477	ug/m^3	PS_014	594727.24	4124924.99	65.40	1.50	65.40	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		9.13297	ug/m^3	PS_015	594727.24	4124944.99	65.39	1.50	65.39	
PERIOD		5.01269	ug/m^3	PS_016	594835.50	4124785.91	65.44	1.50	65.44	
PERIOD		5.13751	ug/m^3	PS_017	594835.50	4124805.91	65.23	1.50	65.23	
PERIOD		5.26998	ug/m^3	PS_018	594835.50	4124825.91	65.21	1.50	65.21	
PERIOD		5.44366	ug/m^3	PS_019	594835.50	4124845.91	65.12	1.50	65.12	
PERIOD		5.67039	ug/m^3	PS_020	594835.50	4124865.91	64.93	1.50	64.93	
PERIOD		5.92918	ug/m^3	PS_021	594835.50	4124885.91	64.91	1.50	64.91	
PERIOD		6.26430	ug/m^3	PS_022	594835.50	4124905.91	64.81	1.50	64.81	
PERIOD		4.20304	ug/m^3	PS_023	594855.50	4124785.91	65.44	1.50	65.44	
PERIOD		4.32961	ug/m^3	PS_024	594855.50	4124805.91	65.23	1.50	65.23	
PERIOD		4.47748	ug/m^3	PS_025	594855.50	4124825.91	65.08	1.50	65.08	
PERIOD		4.65308	ug/m^3	PS_026	594855.50	4124845.91	64.98	1.50	64.98	
PERIOD		4.86377	ug/m^3	PS_027	594855.50	4124865.91	64.92	1.50	64.92	
PERIOD		5.13016	ug/m^3	PS_028	594855.50	4124885.91	64.78	1.50	64.78	
PERIOD		5.45818	ug/m^3	PS_029	594855.50	4124905.91	64.67	1.50	64.67	
PERIOD		3.63059	ug/m^3	PS_030	594875.50	4124785.91	65.35	1.50	65.35	
PERIOD		3.75198	ug/m^3	PS_031	594875.50	4124805.91	65.23	1.50	65.23	
PERIOD		3.90245	ug/m^3	PS_032	594875.50	4124825.91	65.03	1.50	65.03	
PERIOD		4.07955	ug/m^3	PS_033	594875.50	4124845.91	64.88	1.50	64.88	
PERIOD		4.28855	ug/m^3	PS_034	594875.50	4124865.91	64.80	1.50	64.80	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		4.54658	ug/m^3	PS_035	594875.50	4124885.91	64.68	1.50	64.68	
PERIOD		4.86514	ug/m^3	PS_036	594875.50	4124905.91	64.58	1.50	64.58	
PERIOD		3.20838	ug/m^3	PS_037	594895.50	4124785.91	65.22	1.50	65.22	
PERIOD		3.32529	ug/m^3	PS_038	594895.50	4124805.91	65.20	1.50	65.20	
PERIOD		3.47238	ug/m^3	PS_039	594895.50	4124825.91	65.02	1.50	65.02	
PERIOD		3.64801	ug/m^3	PS_040	594895.50	4124845.91	64.83	1.50	64.83	
PERIOD		3.85986	ug/m^3	PS_041	594895.50	4124865.91	64.62	1.50	64.62	
PERIOD		4.10562	ug/m^3	PS_042	594895.50	4124885.91	64.60	1.50	64.60	
PERIOD		4.41527	ug/m^3	PS_043	594895.50	4124905.91	64.51	1.50	64.51	
PERIOD		2.88295	ug/m^3	PS_044	594915.50	4124785.91	65.16	1.50	65.16	
PERIOD		3.00529	ug/m^3	PS_045	594915.50	4124805.91	65.00	1.50	65.00	
PERIOD		3.14461	ug/m^3	PS_046	594915.50	4124825.91	64.95	1.50	64.95	
PERIOD		3.31297	ug/m^3	PS_047	594915.50	4124845.91	64.83	1.50	64.83	
PERIOD		3.51879	ug/m^3	PS_048	594915.50	4124865.91	64.62	1.50	64.62	
PERIOD		3.76494	ug/m^3	PS_049	594915.50	4124885.91	64.47	1.50	64.47	
PERIOD		4.06793	ug/m^3	PS_050	594915.50	4124905.91	64.37	1.50	64.37	
PERIOD		2.62912	ug/m^3	PS_051	594935.50	4124785.91	65.05	1.50	65.05	
PERIOD		2.74842	ug/m^3	PS_052	594935.50	4124805.91	64.93	1.50	64.93	
PERIOD		2.88704	ug/m^3	PS_053	594935.50	4124825.91	64.84	1.50	64.84	
PERIOD		3.05099	ug/m^3	PS_054	594935.50	4124845.91	64.74	1.50	64.74	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.24783	ug/m^3	PS_055	594935.50	4124865.91	64.62	1.50	64.62	
PERIOD		3.48989	ug/m^3	PS_056	594935.50	4124885.91	64.42	1.50	64.42	
PERIOD		3.78933	ug/m^3	PS_057	594935.50	4124905.91	64.27	1.50	64.27	
PERIOD		2.42582	ug/m^3	PS_058	594955.50	4124785.91	64.91	1.50	64.91	
PERIOD		2.54027	ug/m^3	PS_059	594955.50	4124805.91	64.90	1.50	64.90	
PERIOD		2.67889	ug/m^3	PS_060	594955.50	4124825.91	64.72	1.50	64.72	
PERIOD		2.83989	ug/m^3	PS_061	594955.50	4124845.91	64.61	1.50	64.61	
PERIOD		3.02886	ug/m^3	PS_062	594955.50	4124865.91	64.59	1.50	64.59	
PERIOD		3.26488	ug/m^3	PS_063	594955.50	4124885.91	64.41	1.50	64.41	
PERIOD		3.56050	ug/m^3	PS_064	594955.50	4124905.91	64.22	1.50	64.22	
PERIOD		2.25723	ug/m^3	PS_065	594975.50	4124785.91	64.85	1.50	64.85	
PERIOD		2.37330	ug/m^3	PS_066	594975.50	4124805.91	64.70	1.50	64.70	
PERIOD		2.50605	ug/m^3	PS_067	594975.50	4124825.91	64.64	1.50	64.64	
PERIOD		2.66311	ug/m^3	PS_068	594975.50	4124845.91	64.55	1.50	64.55	
PERIOD		2.85239	ug/m^3	PS_069	594975.50	4124865.91	64.39	1.50	64.39	
PERIOD		3.08051	ug/m^3	PS_070	594975.50	4124885.91	64.34	1.50	64.34	
PERIOD		3.36941	ug/m^3	PS_071	594975.50	4124905.91	64.22	1.50	64.22	
PERIOD		2.11753	ug/m^3	PS_072	594995.50	4124785.91	64.74	1.50	64.74	
PERIOD		2.23080	ug/m^3	PS_073	594995.50	4124805.91	64.62	1.50	64.62	
PERIOD		2.36147	ug/m^3	PS_074	594995.50	4124825.91	64.54	1.50	64.54	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.51542	ug/m^3	PS_075	594995.50	4124845.91	64.44	1.50	64.44	
PERIOD		2.70051	ug/m^3	PS_076	594995.50	4124865.91	64.32	1.50	64.32	
PERIOD		2.92663	ug/m^3	PS_077	594995.50	4124885.91	64.23	1.50	64.23	
PERIOD		3.21297	ug/m^3	PS_078	594995.50	4124905.91	64.09	1.50	64.09	
PERIOD		0.84624	ug/m^3	PS_079	594491.23	4124632.57	68.70	1.50	68.70	
PERIOD		0.92196	ug/m^3	PS_080	594491.23	4124652.57	68.70	1.50	68.70	
PERIOD		0.99397	ug/m^3	PS_081	594491.23	4124672.57	68.70	1.50	68.70	
PERIOD		1.06193	ug/m^3	PS_082	594491.23	4124692.57	68.70	1.50	68.70	
PERIOD		1.12595	ug/m^3	PS_083	594491.23	4124712.57	68.70	1.50	68.70	
PERIOD		1.18923	ug/m^3	PS_084	594491.23	4124732.57	68.54	1.50	68.54	
PERIOD		1.24975	ug/m^3	PS_085	594491.23	4124752.57	68.40	1.50	68.40	
PERIOD		0.87832	ug/m^3	PS_086	594511.23	4124612.57	68.64	1.50	68.64	
PERIOD		0.96705	ug/m^3	PS_087	594511.23	4124632.57	68.50	1.50	68.50	
PERIOD		1.04963	ug/m^3	PS_088	594511.23	4124652.57	68.50	1.50	68.50	
PERIOD		1.12694	ug/m^3	PS_089	594511.23	4124672.57	68.50	1.50	68.50	
PERIOD		1.19899	ug/m^3	PS_090	594511.23	4124692.57	68.50	1.50	68.50	
PERIOD		1.26621	ug/m^3	PS_091	594511.23	4124712.57	68.50	1.50	68.50	
PERIOD		1.33277	ug/m^3	PS_092	594511.23	4124732.57	68.33	1.50	68.33	
PERIOD		1.39543	ug/m^3	PS_093	594511.23	4124752.57	68.19	1.50	68.19	
PERIOD		1.01573	ug/m^3	PS_094	594531.23	4124612.57	68.44	1.50	68.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.11367	ug/m^3	PS_095	594531.23	4124632.57	68.29	1.50	68.29	
PERIOD		1.20304	ug/m^3	PS_096	594531.23	4124652.57	68.29	1.50	68.29	
PERIOD		1.28543	ug/m^3	PS_097	594531.23	4124672.57	68.29	1.50	68.29	
PERIOD		1.36131	ug/m^3	PS_098	594531.23	4124692.57	68.29	1.50	68.29	
PERIOD		1.43158	ug/m^3	PS_099	594531.23	4124712.57	68.29	1.50	68.29	
PERIOD		1.50076	ug/m^3	PS_100	594531.23	4124732.57	68.13	1.50	68.13	
PERIOD		1.56640	ug/m^3	PS_101	594531.23	4124752.57	67.99	1.50	67.99	
PERIOD		1.18552	ug/m^3	PS_102	594551.23	4124612.57	68.23	1.50	68.23	
PERIOD		1.29275	ug/m^3	PS_103	594551.23	4124632.57	68.09	1.50	68.09	
PERIOD		1.38852	ug/m^3	PS_104	594551.23	4124652.57	68.09	1.50	68.09	
PERIOD		1.47548	ug/m^3	PS_105	594551.23	4124672.57	68.09	1.50	68.09	
PERIOD		1.55475	ug/m^3	PS_106	594551.23	4124692.57	68.09	1.50	68.09	
PERIOD		1.62767	ug/m^3	PS_107	594551.23	4124712.57	68.09	1.50	68.09	
PERIOD		1.69926	ug/m^3	PS_108	594551.23	4124732.57	67.93	1.50	67.93	
PERIOD		1.76778	ug/m^3	PS_109	594551.23	4124752.57	67.79	1.50	67.79	
PERIOD		1.39680	ug/m^3	PS_110	594571.23	4124612.57	68.07	1.50	68.07	
PERIOD		1.51246	ug/m^3	PS_111	594571.23	4124632.57	67.95	1.50	67.95	
PERIOD		1.61482	ug/m^3	PS_112	594571.23	4124652.57	67.90	1.50	67.90	
PERIOD		1.70590	ug/m^3	PS_113	594571.23	4124672.57	67.89	1.50	67.89	
PERIOD		1.78799	ug/m^3	PS_114	594571.23	4124692.57	67.89	1.50	67.89	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.86317	ug/m^3	PS_115	594571.23	4124712.57	67.89	1.50	67.89	
PERIOD		1.93780	ug/m^3	PS_116	594571.23	4124732.57	67.72	1.50	67.72	
PERIOD		2.00904	ug/m^3	PS_117	594571.23	4124752.57	67.58	1.50	67.58	
PERIOD		1.66166	ug/m^3	PS_118	594591.23	4124612.57	67.98	1.50	67.98	
PERIOD		1.78394	ug/m^3	PS_119	594591.23	4124632.57	67.91	1.50	67.91	
PERIOD		1.89468	ug/m^3	PS_120	594591.23	4124652.57	67.72	1.50	67.72	
PERIOD		1.98942	ug/m^3	PS_121	594591.23	4124672.57	67.69	1.50	67.69	
PERIOD		2.07380	ug/m^3	PS_122	594591.23	4124692.57	67.69	1.50	67.69	
PERIOD		2.15098	ug/m^3	PS_123	594591.23	4124712.57	67.69	1.50	67.69	
PERIOD		2.22888	ug/m^3	PS_124	594591.23	4124732.57	67.52	1.50	67.52	
PERIOD		2.30350	ug/m^3	PS_125	594591.23	4124752.57	67.38	1.50	67.38	
PERIOD		2.13173	ug/m^3	PS_126	594611.23	4124632.57	67.72	1.50	67.72	
PERIOD		2.24763	ug/m^3	PS_127	594611.23	4124652.57	67.52	1.50	67.52	
PERIOD		2.34522	ug/m^3	PS_128	594611.23	4124672.57	67.48	1.50	67.48	
PERIOD		2.43278	ug/m^3	PS_129	594611.23	4124692.57	67.44	1.50	67.44	
PERIOD		2.51636	ug/m^3	PS_130	594611.23	4124712.57	67.32	1.50	67.32	
PERIOD		2.59479	ug/m^3	PS_131	594611.23	4124732.57	67.23	1.50	67.23	
PERIOD		2.66968	ug/m^3	PS_132	594611.23	4124752.57	67.18	1.50	67.18	
PERIOD		2.58262	ug/m^3	PS_133	594631.23	4124632.57	67.52	1.50	67.52	
PERIOD		2.70253	ug/m^3	PS_134	594631.23	4124652.57	67.32	1.50	67.32	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.80205	ug/m^3	PS_135	594631.23	4124672.57	67.28	1.50	67.28	
PERIOD		2.89235	ug/m^3	PS_136	594631.23	4124692.57	67.23	1.50	67.23	
PERIOD		2.98005	ug/m^3	PS_137	594631.23	4124712.57	67.09	1.50	67.09	
PERIOD		3.06108	ug/m^3	PS_138	594631.23	4124732.57	67.01	1.50	67.01	
PERIOD		3.13995	ug/m^3	PS_139	594631.23	4124752.57	66.97	1.50	66.97	
PERIOD		3.18463	ug/m^3	PS_140	594651.23	4124632.57	67.32	1.50	67.32	
PERIOD		3.30854	ug/m^3	PS_141	594651.23	4124652.57	67.12	1.50	67.12	
PERIOD		3.41013	ug/m^3	PS_142	594651.23	4124672.57	67.08	1.50	67.08	
PERIOD		3.50032	ug/m^3	PS_143	594651.23	4124692.57	67.07	1.50	67.07	
PERIOD		3.58433	ug/m^3	PS_144	594651.23	4124712.57	67.06	1.50	67.06	
PERIOD		3.67525	ug/m^3	PS_145	594651.23	4124732.57	66.90	1.50	66.90	
PERIOD		3.76427	ug/m^3	PS_146	594651.23	4124752.57	66.77	1.50	66.77	
PERIOD		4.02000	ug/m^3	PS_147	594671.23	4124632.57	67.15	1.50	67.15	
PERIOD		4.13960	ug/m^3	PS_148	594671.23	4124652.57	67.07	1.50	67.07	
PERIOD		4.24875	ug/m^3	PS_149	594671.23	4124672.57	66.96	1.50	66.96	
PERIOD		4.34846	ug/m^3	PS_150	594671.23	4124692.57	66.87	1.50	66.87	
PERIOD		4.43540	ug/m^3	PS_151	594671.23	4124712.57	66.87	1.50	66.87	
PERIOD		4.53408	ug/m^3	PS_152	594671.23	4124732.57	66.71	1.50	66.71	
PERIOD		4.63273	ug/m^3	PS_153	594671.23	4124752.57	66.57	1.50	66.57	
PERIOD		5.24585	ug/m^3	PS_154	594691.23	4124632.57	66.97	1.50	66.97	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		5.35978	ug/m^3	PS_155	594691.23	4124652.57	66.97	1.50	66.97	
PERIOD		5.47691	ug/m^3	PS_156	594691.23	4124672.57	66.85	1.50	66.85	
PERIOD		5.58859	ug/m^3	PS_157	594691.23	4124692.57	66.73	1.50	66.73	
PERIOD		5.68844	ug/m^3	PS_158	594691.23	4124712.57	66.68	1.50	66.68	
PERIOD		5.79665	ug/m^3	PS_159	594691.23	4124732.57	66.55	1.50	66.55	
PERIOD		5.90514	ug/m^3	PS_160	594691.23	4124752.57	66.43	1.50	66.43	
PERIOD		7.17265	ug/m^3	PS_161	594711.23	4124632.57	66.77	1.50	66.77	
PERIOD		7.29136	ug/m^3	PS_162	594711.23	4124652.57	66.77	1.50	66.77	
PERIOD		7.40314	ug/m^3	PS_163	594711.23	4124672.57	66.76	1.50	66.76	
PERIOD		7.52362	ug/m^3	PS_164	594711.23	4124692.57	66.69	1.50	66.69	
PERIOD		7.66567	ug/m^3	PS_165	594711.23	4124712.57	66.50	1.50	66.50	
PERIOD		7.77848	ug/m^3	PS_166	594711.23	4124732.57	66.46	1.50	66.46	
PERIOD		7.89755	ug/m^3	PS_167	594711.23	4124752.57	66.39	1.50	66.39	
PERIOD		8.17027	ug/m^3	PS_168	594731.23	4124632.57	66.71	1.50	66.71	
PERIOD		8.30087	ug/m^3	PS_169	594731.23	4124652.57	66.59	1.50	66.59	
PERIOD		8.39909	ug/m^3	PS_170	594731.23	4124672.57	66.57	1.50	66.57	
PERIOD		8.49857	ug/m^3	PS_171	594731.23	4124692.57	66.54	1.50	66.54	
PERIOD		8.61038	ug/m^3	PS_172	594731.23	4124712.57	66.46	1.50	66.46	
PERIOD		5.55697	ug/m^3	PS_173	594731.23	4124732.57	66.35	1.50	66.35	
PERIOD		5.66002	ug/m^3	PS_174	594731.23	4124752.57	66.20	1.50	66.20	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		5.32293	ug/m^3	R_001	594764.47	4124544.05	67.28	1.50	796.44	
PERIOD		5.51747	ug/m^3	R_002	594764.47	4124564.05	67.08	1.50	796.44	
PERIOD		9.29657	ug/m^3	R_003	594764.47	4124584.05	66.93	1.50	66.93	
PERIOD		9.36723	ug/m^3	R_004	594764.47	4124604.05	66.82	1.50	66.82	
PERIOD		9.41181	ug/m^3	R_005	594764.47	4124624.05	66.76	1.50	66.76	
PERIOD		9.49202	ug/m^3	R_006	594764.47	4124644.05	66.57	1.50	66.57	
PERIOD		9.55143	ug/m^3	R_007	594764.47	4124664.05	66.45	1.50	66.45	
PERIOD		9.56222	ug/m^3	R_008	594764.47	4124684.05	66.45	1.50	66.45	
PERIOD		9.60645	ug/m^3	R_009	594764.47	4124704.05	66.32	1.50	66.32	
PERIOD		9.65793	ug/m^3	R_010	594764.47	4124724.05	66.15	1.50	66.15	
PERIOD		9.72841	ug/m^3	R_011	594764.47	4124744.05	65.95	1.50	65.95	
PERIOD		14.59122	ug/m^3	R_012	594764.47	4124944.05	65.10	1.50	65.10	
PERIOD		15.42692	ug/m^3	R_013	594764.47	4124964.05	65.01	1.50	65.01	
PERIOD		16.58273	ug/m^3	R_014	594764.47	4124984.05	65.01	1.50	65.01	
PERIOD		18.31042	ug/m^3	R_015	594764.47	4125004.05	65.01	1.50	65.01	
PERIOD		21.06225	ug/m^3	R_016	594764.47	4125024.05	64.93	1.50	64.93	
PERIOD		25.84209	ug/m^3	R_017	594764.47	4125044.05	64.73	1.50	64.73	
PERIOD		20.77686	ug/m^3	R_018	594764.47	4125064.05	64.71	1.50	64.71	
PERIOD		21.90049	ug/m^3	R_019	594764.47	4125084.05	64.63	1.50	64.63	
PERIOD		20.76022	ug/m^3	R_020	594764.47	4125104.05	64.43	1.50	64.43	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		17.84538	ug/m^3	R_021	594764.47	4125124.05	64.40	1.50	64.40	
PERIOD		15.76571	ug/m^3	R_022	594764.47	4125144.05	64.32	1.50	64.32	
PERIOD		13.84951	ug/m^3	R_023	594764.47	4125164.05	64.12	1.50	64.12	
PERIOD		11.25257	ug/m^3	R_024	594764.47	4125184.05	64.10	1.50	64.10	
PERIOD		7.73503	ug/m^3	R_025	594764.47	4125204.05	64.10	1.50	64.10	
PERIOD		5.28530	ug/m^3	R_026	594764.47	4125224.05	64.10	1.50	64.10	
PERIOD		4.13708	ug/m^3	R_027	594764.47	4125244.05	64.10	1.50	64.10	
PERIOD		3.38725	ug/m^3	R_028	594764.47	4125264.05	64.10	1.50	64.10	
PERIOD		8.76468	ug/m^3	R_029	594784.47	4124544.05	67.28	1.50	796.44	
PERIOD		8.87047	ug/m^3	R_030	594784.47	4124564.05	67.08	1.50	796.44	
PERIOD		8.95100	ug/m^3	R_031	594784.47	4124584.05	66.88	1.50	66.88	
PERIOD		9.00108	ug/m^3	R_032	594784.47	4124604.05	66.72	1.50	66.72	
PERIOD		9.00823	ug/m^3	R_033	594784.47	4124624.05	66.65	1.50	66.65	
PERIOD		9.02540	ug/m^3	R_034	594784.47	4124644.05	66.53	1.50	66.53	
PERIOD		9.04095	ug/m^3	R_035	594784.47	4124664.05	66.42	1.50	66.42	
PERIOD		9.05202	ug/m^3	R_036	594784.47	4124684.05	66.34	1.50	66.34	
PERIOD		9.07409	ug/m^3	R_037	594784.47	4124704.05	66.22	1.50	66.22	
PERIOD		9.10771	ug/m^3	R_038	594784.47	4124724.05	66.06	1.50	66.06	
PERIOD		9.15412	ug/m^3	R_039	594784.47	4124744.05	65.86	1.50	65.86	
PERIOD		11.34607	ug/m^3	R_040	594784.47	4124944.05	65.00	1.50	65.00	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		12.16052	ug/m^3	R_041	594784.47	4124964.05	64.89	1.50	64.89	
PERIOD		13.29620	ug/m^3	R_042	594784.47	4124984.05	64.82	1.50	64.82	
PERIOD		14.95943	ug/m^3	R_043	594784.47	4125004.05	64.81	1.50	64.81	
PERIOD		17.62178	ug/m^3	R_044	594784.47	4125024.05	64.76	1.50	64.76	
PERIOD		22.36543	ug/m^3	R_045	594784.47	4125044.05	64.63	1.50	64.63	
PERIOD		17.96042	ug/m^3	R_046	594784.47	4125064.05	64.55	1.50	64.55	
PERIOD		19.11914	ug/m^3	R_047	594784.47	4125084.05	64.45	1.50	64.45	
PERIOD		17.79631	ug/m^3	R_048	594784.47	4125104.05	64.33	1.50	64.33	
PERIOD		14.77193	ug/m^3	R_049	594784.47	4125124.05	64.25	1.50	64.25	
PERIOD		12.56233	ug/m^3	R_050	594784.47	4125144.05	64.15	1.50	64.15	
PERIOD		10.51298	ug/m^3	R_051	594784.47	4125164.05	64.02	1.50	64.02	
PERIOD		8.23531	ug/m^3	R_052	594784.47	4125184.05	63.94	1.50	63.94	
PERIOD		6.01682	ug/m^3	R_053	594784.47	4125204.05	63.89	1.50	63.89	
PERIOD		4.55223	ug/m^3	R_054	594784.47	4125224.05	63.89	1.50	63.89	
PERIOD		3.68954	ug/m^3	R_055	594784.47	4125244.05	63.89	1.50	63.89	
PERIOD		3.08035	ug/m^3	R_056	594784.47	4125264.05	63.89	1.50	63.89	
PERIOD		6.33162	ug/m^3	R_057	594804.47	4124524.05	67.35	1.50	796.44	
PERIOD		6.42519	ug/m^3	R_058	594804.47	4124544.05	67.27	1.50	796.44	
PERIOD		6.51316	ug/m^3	R_059	594804.47	4124564.05	67.08	1.50	67.08	
PERIOD		6.58664	ug/m^3	R_060	594804.47	4124584.05	66.88	1.50	66.88	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		6.65019	ug/m^3	R_061	594804.47	4124604.05	66.67	1.50	66.67	
PERIOD		6.70089	ug/m^3	R_062	594804.47	4124624.05	66.47	1.50	66.47	
PERIOD		6.70991	ug/m^3	R_063	594804.47	4124644.05	66.45	1.50	66.45	
PERIOD		6.73226	ug/m^3	R_064	594804.47	4124664.05	66.37	1.50	66.37	
PERIOD		6.78277	ug/m^3	R_065	594804.47	4124684.05	66.17	1.50	66.17	
PERIOD		6.80445	ug/m^3	R_066	594804.47	4124704.05	66.13	1.50	66.13	
PERIOD		6.83640	ug/m^3	R_067	594804.47	4124724.05	66.05	1.50	66.05	
PERIOD		6.89636	ug/m^3	R_068	594804.47	4124744.05	65.86	1.50	65.86	
PERIOD		9.20773	ug/m^3	R_069	594804.47	4124944.05	64.91	1.50	64.91	
PERIOD		9.97831	ug/m^3	R_070	594804.47	4124964.05	64.84	1.50	64.84	
PERIOD		11.10386	ug/m^3	R_071	594804.47	4124984.05	64.64	1.50	64.64	
PERIOD		12.73218	ug/m^3	R_072	594804.47	4125004.05	64.61	1.50	64.61	
PERIOD		15.35645	ug/m^3	R_073	594804.47	4125024.05	64.60	1.50	64.60	
PERIOD		20.06388	ug/m^3	R_074	594804.47	4125044.05	64.60	1.50	64.60	
PERIOD		16.08856	ug/m^3	R_075	594804.47	4125064.05	64.43	1.50	64.43	
PERIOD		17.29939	ug/m^3	R_076	594804.47	4125084.05	64.30	1.50	64.30	
PERIOD		15.78117	ug/m^3	R_077	594804.47	4125104.05	64.30	1.50	64.30	
PERIOD		12.69069	ug/m^3	R_078	594804.47	4125124.05	64.12	1.50	64.12	
PERIOD		10.43515	ug/m^3	R_079	594804.47	4125144.05	63.99	1.50	63.99	
PERIOD		8.45791	ug/m^3	R_080	594804.47	4125164.05	63.99	1.50	63.99	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		6.64771	ug/m^3	R_081	594804.47	4125184.05	63.82	1.50	63.82	
PERIOD		5.13207	ug/m^3	R_082	594804.47	4125204.05	63.69	1.50	63.69	
PERIOD		4.07382	ug/m^3	R_083	594804.47	4125224.05	63.69	1.50	63.69	
PERIOD		3.36685	ug/m^3	R_084	594804.47	4125244.05	63.69	1.50	63.69	
PERIOD		2.84210	ug/m^3	R_085	594804.47	4125264.05	63.69	1.50	63.69	
PERIOD		4.70538	ug/m^3	R_086	594824.47	4124504.05	67.39	1.50	796.44	
PERIOD		4.83152	ug/m^3	R_087	594824.47	4124524.05	67.23	1.50	796.44	
PERIOD		4.91772	ug/m^3	R_088	594824.47	4124544.05	67.12	1.50	796.44	
PERIOD		4.97700	ug/m^3	R_089	594824.47	4124564.05	67.06	1.50	67.06	
PERIOD		5.04118	ug/m^3	R_090	594824.47	4124584.05	66.88	1.50	66.88	
PERIOD		5.10086	ug/m^3	R_091	594824.47	4124604.05	66.67	1.50	66.67	
PERIOD		5.15175	ug/m^3	R_092	594824.47	4124624.05	66.47	1.50	66.47	
PERIOD		5.17522	ug/m^3	R_093	594824.47	4124644.05	66.45	1.50	66.45	
PERIOD		5.20827	ug/m^3	R_094	594824.47	4124664.05	66.37	1.50	66.37	
PERIOD		5.26154	ug/m^3	R_095	594824.47	4124684.05	66.17	1.50	66.17	
PERIOD		5.31437	ug/m^3	R_096	594824.47	4124704.05	66.01	1.50	66.01	
PERIOD		5.36470	ug/m^3	R_097	594824.47	4124724.05	65.90	1.50	65.90	
PERIOD		5.41588	ug/m^3	R_098	594824.47	4124744.05	65.84	1.50	65.84	
PERIOD		7.24408	ug/m^3	R_099	594824.47	4124924.05	64.72	1.50	64.72	
PERIOD		7.78476	ug/m^3	R_100	594824.47	4124944.05	64.71	1.50	64.71	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		8.52468	ug/m^3	R_101	594824.47	4124964.05	64.68	1.50	64.68	
PERIOD		9.58460	ug/m^3	R_102	594824.47	4124984.05	64.62	1.50	64.62	
PERIOD		11.21107	ug/m^3	R_103	594824.47	4125004.05	64.49	1.50	64.49	
PERIOD		13.86163	ug/m^3	R_104	594824.47	4125024.05	64.40	1.50	64.40	
PERIOD		18.60945	ug/m^3	R_105	594824.47	4125044.05	64.40	1.50	64.40	
PERIOD		14.87562	ug/m^3	R_106	594824.47	4125064.05	64.22	1.50	64.22	
PERIOD		16.08722	ug/m^3	R_107	594824.47	4125084.05	64.10	1.50	64.10	
PERIOD		14.46617	ug/m^3	R_108	594824.47	4125104.05	64.10	1.50	64.10	
PERIOD		11.29414	ug/m^3	R_109	594824.47	4125124.05	63.92	1.50	63.92	
PERIOD		9.05011	ug/m^3	R_110	594824.47	4125144.05	63.79	1.50	63.79	
PERIOD		7.23689	ug/m^3	R_111	594824.47	4125164.05	63.79	1.50	63.79	
PERIOD		5.74833	ug/m^3	R_112	594824.47	4125184.05	63.61	1.50	63.61	
PERIOD		4.57564	ug/m^3	R_113	594824.47	4125204.05	63.49	1.50	63.49	
PERIOD		3.72121	ug/m^3	R_114	594824.47	4125224.05	63.49	1.50	63.49	
PERIOD		3.10763	ug/m^3	R_115	594824.47	4125244.05	63.49	1.50	63.49	
PERIOD		2.64135	ug/m^3	R_116	594824.47	4125264.05	63.43	1.50	63.43	
PERIOD		3.58706	ug/m^3	R_117	594844.47	4124484.05	67.50	1.50	796.44	
PERIOD		3.71496	ug/m^3	R_118	594844.47	4124504.05	67.38	1.50	796.44	
PERIOD		3.81924	ug/m^3	R_119	594844.47	4124524.05	67.18	1.50	796.44	
PERIOD		3.89875	ug/m^3	R_120	594844.47	4124544.05	67.03	1.50	796.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.95737	ug/m^3	R_121	594844.47	4124564.05	66.95	1.50	66.95	
PERIOD		4.01067	ug/m^3	R_122	594844.47	4124584.05	66.83	1.50	66.83	
PERIOD		4.06173	ug/m^3	R_123	594844.47	4124604.05	66.67	1.50	66.67	
PERIOD		4.11206	ug/m^3	R_124	594844.47	4124624.05	66.47	1.50	66.47	
PERIOD		4.15079	ug/m^3	R_125	594844.47	4124644.05	66.38	1.50	66.38	
PERIOD		4.19248	ug/m^3	R_126	594844.47	4124664.05	66.28	1.50	66.28	
PERIOD		4.23993	ug/m^3	R_127	594844.47	4124684.05	66.16	1.50	66.16	
PERIOD		4.30054	ug/m^3	R_128	594844.47	4124704.05	65.96	1.50	65.96	
PERIOD		4.36214	ug/m^3	R_129	594844.47	4124724.05	65.81	1.50	65.81	
PERIOD		4.42562	ug/m^3	R_130	594844.47	4124744.05	65.73	1.50	65.73	
PERIOD		6.25131	ug/m^3	R_131	594844.47	4124924.05	64.63	1.50	64.63	
PERIOD		6.78853	ug/m^3	R_132	594844.47	4124944.05	64.55	1.50	64.55	
PERIOD		7.51503	ug/m^3	R_133	594844.47	4124964.05	64.50	1.50	64.50	
PERIOD		8.54834	ug/m^3	R_134	594844.47	4124984.05	64.50	1.50	64.50	
PERIOD		10.15572	ug/m^3	R_135	594844.47	4125004.05	64.39	1.50	64.39	
PERIOD		12.80958	ug/m^3	R_136	594844.47	4125024.05	64.28	1.50	64.28	
PERIOD		17.59113	ug/m^3	R_137	594844.47	4125044.05	64.21	1.50	64.21	
PERIOD		14.01241	ug/m^3	R_138	594844.47	4125064.05	64.09	1.50	64.09	
PERIOD		15.22327	ug/m^3	R_139	594844.47	4125084.05	63.98	1.50	63.98	
PERIOD		13.53774	ug/m^3	R_140	594844.47	4125104.05	63.90	1.50	63.90	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		10.30769	ug/m^3	R_141	594844.47	4125124.05	63.78	1.50	63.78	
PERIOD		8.11273	ug/m^3	R_142	594844.47	4125144.05	63.67	1.50	63.67	
PERIOD		6.45367	ug/m^3	R_143	594844.47	4125164.05	63.60	1.50	63.60	
PERIOD		5.16152	ug/m^3	R_144	594844.47	4125184.05	63.48	1.50	63.48	
PERIOD		4.17339	ug/m^3	R_145	594844.47	4125204.05	63.37	1.50	63.37	
PERIOD		3.43659	ug/m^3	R_146	594844.47	4125224.05	63.29	1.50	63.29	
PERIOD		2.88545	ug/m^3	R_147	594844.47	4125244.05	63.28	1.50	63.28	
PERIOD		2.45992	ug/m^3	R_148	594844.47	4125264.05	63.21	1.50	63.21	
PERIOD		2.94223	ug/m^3	R_149	594864.47	4124484.05	67.36	1.50	796.44	
PERIOD		3.03588	ug/m^3	R_150	594864.47	4124504.05	67.35	1.50	796.44	
PERIOD		3.11952	ug/m^3	R_151	594864.47	4124524.05	67.17	1.50	796.44	
PERIOD		3.19145	ug/m^3	R_152	594864.47	4124544.05	66.97	1.50	796.44	
PERIOD		3.25461	ug/m^3	R_153	594864.47	4124564.05	66.77	1.50	796.44	
PERIOD		3.29891	ug/m^3	R_154	594864.47	4124584.05	66.74	1.50	66.74	
PERIOD		3.34230	ug/m^3	R_155	594864.47	4124604.05	66.66	1.50	66.66	
PERIOD		3.39164	ug/m^3	R_156	594864.47	4124624.05	66.46	1.50	66.46	
PERIOD		3.44126	ug/m^3	R_157	594864.47	4124644.05	66.26	1.50	66.26	
PERIOD		3.48807	ug/m^3	R_158	594864.47	4124664.05	66.14	1.50	66.14	
PERIOD		3.53104	ug/m^3	R_159	594864.47	4124684.05	66.13	1.50	66.13	
PERIOD		3.59076	ug/m^3	R_160	594864.47	4124704.05	65.96	1.50	65.96	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.65920	ug/m^3	R_161	594864.47	4124724.05	65.76	1.50	65.76	
PERIOD		3.73696	ug/m^3	R_162	594864.47	4124744.05	65.56	1.50	65.56	
PERIOD		5.53194	ug/m^3	R_163	594864.47	4124924.05	64.61	1.50	64.61	
PERIOD		6.06524	ug/m^3	R_164	594864.47	4124944.05	64.43	1.50	64.43	
PERIOD		6.78764	ug/m^3	R_165	594864.47	4124964.05	64.31	1.50	64.31	
PERIOD		7.81559	ug/m^3	R_166	594864.47	4124984.05	64.30	1.50	64.30	
PERIOD		9.39841	ug/m^3	R_167	594864.47	4125004.05	64.30	1.50	64.30	
PERIOD		12.04040	ug/m^3	R_168	594864.47	4125024.05	64.22	1.50	64.22	
PERIOD		16.88193	ug/m^3	R_169	594864.47	4125044.05	64.02	1.50	64.02	
PERIOD		13.40750	ug/m^3	R_170	594864.47	4125064.05	63.99	1.50	63.99	
PERIOD		14.58107	ug/m^3	R_171	594864.47	4125084.05	63.92	1.50	63.92	
PERIOD		12.83142	ug/m^3	R_172	594864.47	4125104.05	63.71	1.50	63.71	
PERIOD		9.57418	ug/m^3	R_173	594864.47	4125124.05	63.69	1.50	63.69	
PERIOD		7.44070	ug/m^3	R_174	594864.47	4125144.05	63.61	1.50	63.61	
PERIOD		5.90586	ug/m^3	R_175	594864.47	4125164.05	63.41	1.50	63.41	
PERIOD		4.73513	ug/m^3	R_176	594864.47	4125184.05	63.38	1.50	63.38	
PERIOD		3.85290	ug/m^3	R_177	594864.47	4125204.05	63.31	1.50	63.31	
PERIOD		3.19188	ug/m^3	R_178	594864.47	4125224.05	63.10	1.50	63.10	
PERIOD		2.68588	ug/m^3	R_179	594864.47	4125244.05	63.08	1.50	63.08	
PERIOD		2.29229	ug/m^3	R_180	594864.47	4125264.05	63.00	1.50	63.00	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.47611	ug/m^3	R_181	594884.47	4124484.05	67.31	1.50	796.44	
PERIOD		2.55928	ug/m^3	R_182	594884.47	4124504.05	67.16	1.50	796.44	
PERIOD		2.63023	ug/m^3	R_183	594884.47	4124524.05	66.97	1.50	796.44	
PERIOD		2.69028	ug/m^3	R_184	594884.47	4124544.05	66.82	1.50	796.44	
PERIOD		2.73935	ug/m^3	R_185	594884.47	4124564.05	66.76	1.50	66.76	
PERIOD		2.78842	ug/m^3	R_186	594884.47	4124584.05	66.62	1.50	66.62	
PERIOD		2.83564	ug/m^3	R_187	594884.47	4124604.05	66.46	1.50	66.46	
PERIOD		2.88452	ug/m^3	R_188	594884.47	4124624.05	66.25	1.50	66.25	
PERIOD		2.92731	ug/m^3	R_189	594884.47	4124644.05	66.18	1.50	66.18	
PERIOD		2.97414	ug/m^3	R_190	594884.47	4124664.05	66.09	1.50	66.09	
PERIOD		3.02843	ug/m^3	R_191	594884.47	4124684.05	65.94	1.50	65.94	
PERIOD		3.08397	ug/m^3	R_192	594884.47	4124704.05	65.87	1.50	65.87	
PERIOD		3.14877	ug/m^3	R_193	594884.47	4124724.05	65.76	1.50	65.76	
PERIOD		3.22780	ug/m^3	R_194	594884.47	4124744.05	65.56	1.50	65.56	
PERIOD		5.00982	ug/m^3	R_195	594884.47	4124924.05	64.42	1.50	64.42	
PERIOD		5.52310	ug/m^3	R_196	594884.47	4124944.05	64.35	1.50	64.35	
PERIOD		6.23201	ug/m^3	R_197	594884.47	4124964.05	64.26	1.50	64.26	
PERIOD		7.26785	ug/m^3	R_198	594884.47	4124984.05	64.11	1.50	64.11	
PERIOD		8.85559	ug/m^3	R_199	594884.47	4125004.05	64.10	1.50	64.10	
PERIOD		11.51232	ug/m^3	R_200	594884.47	4125024.05	64.02	1.50	64.02	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		16.41797	ug/m^3	R_201	594884.47	4125044.05	63.82	1.50	63.82	
PERIOD		13.07101	ug/m^3	R_202	594884.47	4125064.05	63.79	1.50	63.79	
PERIOD		14.09727	ug/m^3	R_203	594884.47	4125084.05	63.71	1.50	63.71	
PERIOD		12.24500	ug/m^3	R_204	594884.47	4125104.05	63.51	1.50	63.51	
PERIOD		9.01459	ug/m^3	R_205	594884.47	4125124.05	63.49	1.50	63.49	
PERIOD		6.94181	ug/m^3	R_206	594884.47	4125144.05	63.41	1.50	63.41	
PERIOD		5.48399	ug/m^3	R_207	594884.47	4125164.05	63.21	1.50	63.21	
PERIOD		4.39600	ug/m^3	R_208	594884.47	4125184.05	63.18	1.50	63.18	
PERIOD		3.58318	ug/m^3	R_209	594884.47	4125204.05	63.10	1.50	63.10	
PERIOD		2.97126	ug/m^3	R_210	594884.47	4125224.05	62.90	1.50	62.90	
PERIOD		2.50054	ug/m^3	R_211	594884.47	4125244.05	62.88	1.50	62.88	
PERIOD		2.13396	ug/m^3	R_212	594884.47	4125264.05	62.80	1.50	62.80	
PERIOD		2.13444	ug/m^3	R_213	594904.47	4124484.05	67.17	1.50	796.44	
PERIOD		2.20615	ug/m^3	R_214	594904.47	4124504.05	66.97	1.50	796.44	
PERIOD		2.26522	ug/m^3	R_215	594904.47	4124524.05	66.83	1.50	796.44	
PERIOD		2.31679	ug/m^3	R_216	594904.47	4124544.05	66.72	1.50	796.44	
PERIOD		2.36264	ug/m^3	R_217	594904.47	4124564.05	66.65	1.50	66.65	
PERIOD		2.40780	ug/m^3	R_218	594904.47	4124584.05	66.53	1.50	66.53	
PERIOD		2.45348	ug/m^3	R_219	594904.47	4124604.05	66.37	1.50	66.37	
PERIOD		2.50105	ug/m^3	R_220	594904.47	4124624.05	66.17	1.50	66.17	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.54635	ug/m^3	R_221	594904.47	4124644.05	66.07	1.50	66.07	
PERIOD		2.59439	ug/m^3	R_222	594904.47	4124664.05	65.98	1.50	65.98	
PERIOD		2.64838	ug/m^3	R_223	594904.47	4124684.05	65.85	1.50	65.85	
PERIOD		2.70621	ug/m^3	R_224	594904.47	4124704.05	65.77	1.50	65.77	
PERIOD		2.77351	ug/m^3	R_225	594904.47	4124724.05	65.64	1.50	65.64	
PERIOD		2.85311	ug/m^3	R_226	594904.47	4124744.05	65.44	1.50	65.44	
PERIOD		4.60225	ug/m^3	R_227	594904.47	4124924.05	64.33	1.50	64.33	
PERIOD		5.10839	ug/m^3	R_228	594904.47	4124944.05	64.25	1.50	64.25	
PERIOD		5.81014	ug/m^3	R_229	594904.47	4124964.05	64.15	1.50	64.15	
PERIOD		6.84034	ug/m^3	R_230	594904.47	4124984.05	64.02	1.50	64.02	
PERIOD		8.44093	ug/m^3	R_231	594904.47	4125004.05	63.94	1.50	63.94	
PERIOD		11.12441	ug/m^3	R_232	594904.47	4125024.05	63.85	1.50	63.85	
PERIOD		16.12742	ug/m^3	R_233	594904.47	4125044.05	63.72	1.50	63.72	
PERIOD		12.79815	ug/m^3	R_234	594904.47	4125064.05	63.64	1.50	63.64	
PERIOD		13.66410	ug/m^3	R_235	594904.47	4125084.05	63.54	1.50	63.54	
PERIOD		11.69423	ug/m^3	R_236	594904.47	4125104.05	63.41	1.50	63.41	
PERIOD		8.54064	ug/m^3	R_237	594904.47	4125124.05	63.33	1.50	63.33	
PERIOD		6.52557	ug/m^3	R_238	594904.47	4125144.05	63.24	1.50	63.24	
PERIOD		5.12274	ug/m^3	R_239	594904.47	4125164.05	63.11	1.50	63.11	
PERIOD		4.09677	ug/m^3	R_240	594904.47	4125184.05	63.03	1.50	63.03	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.33494	ug/m^3	R_241	594904.47	4125204.05	62.93	1.50	62.93	
PERIOD		2.76154	ug/m^3	R_242	594904.47	4125224.05	62.80	1.50	62.80	
PERIOD		2.32291	ug/m^3	R_243	594904.47	4125244.05	62.72	1.50	62.72	
PERIOD		1.98172	ug/m^3	R_244	594904.47	4125264.05	62.63	1.50	62.63	
PERIOD		1.87497	ug/m^3	R_245	594924.47	4124484.05	66.98	1.50	796.44	
PERIOD		1.93652	ug/m^3	R_246	594924.47	4124504.05	66.78	1.50	796.44	
PERIOD		1.98528	ug/m^3	R_247	594924.47	4124524.05	66.74	1.50	796.44	
PERIOD		2.03087	ug/m^3	R_248	594924.47	4124544.05	66.66	1.50	796.44	
PERIOD		2.07719	ug/m^3	R_249	594924.47	4124564.05	66.47	1.50	66.47	
PERIOD		2.11731	ug/m^3	R_250	594924.47	4124584.05	66.44	1.50	66.44	
PERIOD		2.15897	ug/m^3	R_251	594924.47	4124604.05	66.36	1.50	66.36	
PERIOD		2.20517	ug/m^3	R_252	594924.47	4124624.05	66.17	1.50	66.17	
PERIOD		2.25444	ug/m^3	R_253	594924.47	4124644.05	65.96	1.50	65.96	
PERIOD		2.30431	ug/m^3	R_254	594924.47	4124664.05	65.83	1.50	65.83	
PERIOD		2.35497	ug/m^3	R_255	594924.47	4124684.05	65.82	1.50	65.82	
PERIOD		2.41677	ug/m^3	R_256	594924.47	4124704.05	65.65	1.50	65.65	
PERIOD		2.48679	ug/m^3	R_257	594924.47	4124724.05	65.46	1.50	65.46	
PERIOD		2.56574	ug/m^3	R_258	594924.47	4124744.05	65.25	1.50	65.25	
PERIOD		4.27785	ug/m^3	R_259	594924.47	4124924.05	64.30	1.50	64.30	
PERIOD		4.78192	ug/m^3	R_260	594924.47	4124944.05	64.13	1.50	64.13	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		5.48237	ug/m^3	R_261	594924.47	4124964.05	64.00	1.50	64.00	
PERIOD		6.50105	ug/m^3	R_262	594924.47	4124984.05	64.00	1.50	64.00	
PERIOD		8.12383	ug/m^3	R_263	594924.47	4125004.05	63.82	1.50	63.82	
PERIOD		10.86366	ug/m^3	R_264	594924.47	4125024.05	63.70	1.50	63.70	
PERIOD		16.00533	ug/m^3	R_265	594924.47	4125044.05	63.69	1.50	63.69	
PERIOD		12.53460	ug/m^3	R_266	594924.47	4125064.05	63.52	1.50	63.52	
PERIOD		13.16921	ug/m^3	R_267	594924.47	4125084.05	63.40	1.50	63.40	
PERIOD		11.18041	ug/m^3	R_268	594924.47	4125104.05	63.39	1.50	63.39	
PERIOD		8.11736	ug/m^3	R_269	594924.47	4125124.05	63.21	1.50	63.21	
PERIOD		6.15191	ug/m^3	R_270	594924.47	4125144.05	63.09	1.50	63.09	
PERIOD		4.78721	ug/m^3	R_271	594924.47	4125164.05	63.08	1.50	63.08	
PERIOD		3.81394	ug/m^3	R_272	594924.47	4125184.05	62.90	1.50	62.90	
PERIOD		3.09538	ug/m^3	R_273	594924.47	4125204.05	62.78	1.50	62.78	
PERIOD		2.55618	ug/m^3	R_274	594924.47	4125224.05	62.78	1.50	62.78	
PERIOD		2.14947	ug/m^3	R_275	594924.47	4125244.05	62.60	1.50	62.60	
PERIOD		1.83378	ug/m^3	R_276	594924.47	4125264.05	62.47	1.50	62.47	
PERIOD		1.66690	ug/m^3	R_277	594944.47	4124484.05	66.98	1.50	796.44	
PERIOD		1.72047	ug/m^3	R_278	594944.47	4124504.05	66.78	1.50	796.44	
PERIOD		1.76732	ug/m^3	R_279	594944.47	4124524.05	66.62	1.50	796.44	
PERIOD		1.80979	ug/m^3	R_280	594944.47	4124544.05	66.51	1.50	796.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.84972	ug/m^3	R_281	594944.47	4124564.05	66.45	1.50	66.45	
PERIOD		1.89114	ug/m^3	R_282	594944.47	4124584.05	66.32	1.50	66.32	
PERIOD		1.93258	ug/m^3	R_283	594944.47	4124604.05	66.21	1.50	66.21	
PERIOD		1.97454	ug/m^3	R_284	594944.47	4124624.05	66.15	1.50	66.15	
PERIOD		2.02256	ug/m^3	R_285	594944.47	4124644.05	65.96	1.50	65.96	
PERIOD		2.07381	ug/m^3	R_286	594944.47	4124664.05	65.78	1.50	65.78	
PERIOD		2.12888	ug/m^3	R_287	594944.47	4124684.05	65.64	1.50	65.64	
PERIOD		2.18791	ug/m^3	R_288	594944.47	4124704.05	65.57	1.50	65.57	
PERIOD		2.25540	ug/m^3	R_289	594944.47	4124724.05	65.46	1.50	65.46	
PERIOD		2.33402	ug/m^3	R_290	594944.47	4124744.05	65.25	1.50	65.25	
PERIOD		4.02365	ug/m^3	R_291	594944.47	4124924.05	64.11	1.50	64.11	
PERIOD		4.51878	ug/m^3	R_292	594944.47	4124944.05	64.04	1.50	64.04	
PERIOD		5.21458	ug/m^3	R_293	594944.47	4124964.05	63.95	1.50	63.95	
PERIOD		6.25135	ug/m^3	R_294	594944.47	4124984.05	63.81	1.50	63.81	
PERIOD		7.88321	ug/m^3	R_295	594944.47	4125004.05	63.74	1.50	63.74	
PERIOD		10.67788	ug/m^3	R_296	594944.47	4125024.05	63.65	1.50	63.65	
PERIOD		16.00326	ug/m^3	R_297	594944.47	4125044.05	63.50	1.50	63.50	
PERIOD		12.18754	ug/m^3	R_298	594944.47	4125064.05	63.43	1.50	63.43	
PERIOD		12.68048	ug/m^3	R_299	594944.47	4125084.05	63.34	1.50	63.34	
PERIOD		10.75777	ug/m^3	R_300	594944.47	4125104.05	63.20	1.50	63.20	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		7.71520	ug/m^3	R_301	594944.47	4125124.05	63.13	1.50	63.13	
PERIOD		5.78182	ug/m^3	R_302	594944.47	4125144.05	63.04	1.50	63.04	
PERIOD		4.46712	ug/m^3	R_303	594944.47	4125164.05	62.89	1.50	62.89	
PERIOD		3.53631	ug/m^3	R_304	594944.47	4125184.05	62.70	1.50	62.70	
PERIOD		2.85887	ug/m^3	R_305	594944.47	4125204.05	62.57	1.50	62.57	
PERIOD		2.35615	ug/m^3	R_306	594944.47	4125224.05	62.57	1.50	62.57	
PERIOD		1.97979	ug/m^3	R_307	594944.47	4125244.05	62.39	1.50	62.39	
PERIOD		1.68952	ug/m^3	R_308	594944.47	4125264.05	62.27	1.50	62.27	
PERIOD		1.50286	ug/m^3	R_309	594964.47	4124484.05	66.89	1.50	796.44	
PERIOD		1.54847	ug/m^3	R_310	594964.47	4124504.05	66.77	1.50	796.44	
PERIOD		1.59193	ug/m^3	R_311	594964.47	4124524.05	66.57	1.50	796.44	
PERIOD		1.63218	ug/m^3	R_312	594964.47	4124544.05	66.42	1.50	796.44	
PERIOD		1.67059	ug/m^3	R_313	594964.47	4124564.05	66.34	1.50	66.34	
PERIOD		1.71005	ug/m^3	R_314	594964.47	4124584.05	66.22	1.50	66.22	
PERIOD		1.75072	ug/m^3	R_315	594964.47	4124604.05	66.11	1.50	66.11	
PERIOD		1.79240	ug/m^3	R_316	594964.47	4124624.05	66.04	1.50	66.04	
PERIOD		1.83818	ug/m^3	R_317	594964.47	4124644.05	65.92	1.50	65.92	
PERIOD		1.88865	ug/m^3	R_318	594964.47	4124664.05	65.76	1.50	65.76	
PERIOD		1.94492	ug/m^3	R_319	594964.47	4124684.05	65.56	1.50	65.56	
PERIOD		2.00489	ug/m^3	R_320	594964.47	4124704.05	65.46	1.50	65.46	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.07151	ug/m^3	R_321	594964.47	4124724.05	65.37	1.50	65.37	
PERIOD		2.14768	ug/m^3	R_322	594964.47	4124744.05	65.24	1.50	65.24	
PERIOD		3.81123	ug/m^3	R_323	594964.47	4124924.05	64.03	1.50	64.03	
PERIOD		4.30489	ug/m^3	R_324	594964.47	4124944.05	63.94	1.50	63.94	
PERIOD		5.00134	ug/m^3	R_325	594964.47	4124964.05	63.85	1.50	63.85	
PERIOD		6.04494	ug/m^3	R_326	594964.47	4124984.05	63.72	1.50	63.72	
PERIOD		7.70243	ug/m^3	R_327	594964.47	4125004.05	63.64	1.50	63.64	
PERIOD		10.55207	ug/m^3	R_328	594964.47	4125024.05	63.54	1.50	63.54	
PERIOD		15.92521	ug/m^3	R_329	594964.47	4125044.05	63.41	1.50	63.41	
PERIOD		11.83680	ug/m^3	R_330	594964.47	4125064.05	63.33	1.50	63.33	
PERIOD		12.21082	ug/m^3	R_331	594964.47	4125084.05	63.24	1.50	63.24	
PERIOD		10.33101	ug/m^3	R_332	594964.47	4125104.05	63.11	1.50	63.11	
PERIOD		7.30761	ug/m^3	R_333	594964.47	4125124.05	63.03	1.50	63.03	
PERIOD		5.40614	ug/m^3	R_334	594964.47	4125144.05	62.90	1.50	62.90	
PERIOD		4.13601	ug/m^3	R_335	594964.47	4125164.05	62.70	1.50	62.70	
PERIOD		3.25002	ug/m^3	R_336	594964.47	4125184.05	62.56	1.50	62.56	
PERIOD		2.61778	ug/m^3	R_337	594964.47	4125204.05	62.46	1.50	62.46	
PERIOD		2.15632	ug/m^3	R_338	594964.47	4125224.05	62.38	1.50	62.38	
PERIOD		1.81204	ug/m^3	R_339	594964.47	4125244.05	62.26	1.50	62.26	
PERIOD		1.54867	ug/m^3	R_340	594964.47	4125264.05	62.15	1.50	62.15	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.37001	ug/m^3	R_341	594984.47	4124484.05	66.75	1.50	796.44	
PERIOD		1.40919	ug/m^3	R_342	594984.47	4124504.05	66.74	1.50	796.44	
PERIOD		1.44884	ug/m^3	R_343	594984.47	4124524.05	66.56	1.50	796.44	
PERIOD		1.48758	ug/m^3	R_344	594984.47	4124544.05	66.36	1.50	796.44	
PERIOD		1.52603	ug/m^3	R_345	594984.47	4124564.05	66.17	1.50	66.17	
PERIOD		1.56298	ug/m^3	R_346	594984.47	4124584.05	66.13	1.50	66.13	
PERIOD		1.60206	ug/m^3	R_347	594984.47	4124604.05	66.05	1.50	66.05	
PERIOD		1.64550	ug/m^3	R_348	594984.47	4124624.05	65.86	1.50	65.86	
PERIOD		1.68915	ug/m^3	R_349	594984.47	4124644.05	65.83	1.50	65.83	
PERIOD		1.73762	ug/m^3	R_350	594984.47	4124664.05	65.75	1.50	65.75	
PERIOD		1.79354	ug/m^3	R_351	594984.47	4124684.05	65.54	1.50	65.54	
PERIOD		1.85474	ug/m^3	R_352	594984.47	4124704.05	65.35	1.50	65.35	
PERIOD		1.92177	ug/m^3	R_353	594984.47	4124724.05	65.22	1.50	65.22	
PERIOD		1.99507	ug/m^3	R_354	594984.47	4124744.05	65.21	1.50	65.21	
PERIOD		3.63190	ug/m^3	R_355	594984.47	4124924.05	64.02	1.50	64.02	
PERIOD		4.12889	ug/m^3	R_356	594984.47	4124944.05	63.82	1.50	63.82	
PERIOD		4.82941	ug/m^3	R_357	594984.47	4124964.05	63.70	1.50	63.70	
PERIOD		5.86873	ug/m^3	R_358	594984.47	4124984.05	63.69	1.50	63.69	
PERIOD		7.55119	ug/m^3	R_359	594984.47	4125004.05	63.52	1.50	63.52	
PERIOD		10.42188	ug/m^3	R_360	594984.47	4125024.05	63.40	1.50	63.40	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		13.99307	ug/m^3	R_361	594984.47	4125044.05	63.39	1.50	63.39	
PERIOD		11.48109	ug/m^3	R_362	594984.47	4125064.05	63.21	1.50	63.21	
PERIOD		11.78574	ug/m^3	R_363	594984.47	4125084.05	63.09	1.50	63.09	
PERIOD		9.85042	ug/m^3	R_364	594984.47	4125104.05	63.08	1.50	63.08	
PERIOD		6.85569	ug/m^3	R_365	594984.47	4125124.05	62.91	1.50	62.91	
PERIOD		4.99855	ug/m^3	R_366	594984.47	4125144.05	62.71	1.50	62.71	
PERIOD		3.78269	ug/m^3	R_367	594984.47	4125164.05	62.51	1.50	62.51	
PERIOD		2.95165	ug/m^3	R_368	594984.47	4125184.05	62.48	1.50	62.48	
PERIOD		2.37308	ug/m^3	R_369	594984.47	4125204.05	62.40	1.50	62.40	
PERIOD		1.95759	ug/m^3	R_370	594984.47	4125224.05	62.20	1.50	62.20	
PERIOD		1.64782	ug/m^3	R_371	594984.47	4125244.05	62.17	1.50	62.17	
PERIOD		1.41232	ug/m^3	R_372	594984.47	4125264.05	62.09	1.50	62.09	
PERIOD		1.25870	ug/m^3	R_373	595004.47	4124484.05	66.70	1.50	796.44	
PERIOD		1.29688	ug/m^3	R_374	595004.47	4124504.05	66.55	1.50	796.44	
PERIOD		1.33386	ug/m^3	R_375	595004.47	4124524.05	66.36	1.50	796.44	
PERIOD		1.36962	ug/m^3	R_376	595004.47	4124544.05	66.21	1.50	796.44	
PERIOD		1.40475	ug/m^3	R_377	595004.47	4124564.05	66.15	1.50	66.15	
PERIOD		1.44220	ug/m^3	R_378	595004.47	4124584.05	66.01	1.50	66.01	
PERIOD		1.48092	ug/m^3	R_379	595004.47	4124604.05	65.90	1.50	65.90	
PERIOD		1.52152	ug/m^3	R_380	595004.47	4124624.05	65.84	1.50	65.84	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.56642	ug/m^3	R_381	595004.47	4124644.05	65.71	1.50	65.71	
PERIOD		1.61607	ug/m^3	R_382	595004.47	4124664.05	65.54	1.50	65.54	
PERIOD		1.67088	ug/m^3	R_383	595004.47	4124684.05	65.34	1.50	65.34	
PERIOD		1.72959	ug/m^3	R_384	595004.47	4124704.05	65.26	1.50	65.26	
PERIOD		1.79535	ug/m^3	R_385	595004.47	4124724.05	65.17	1.50	65.17	
PERIOD		1.87018	ug/m^3	R_386	595004.47	4124744.05	65.03	1.50	65.03	
PERIOD		3.48762	ug/m^3	R_387	595004.47	4124924.05	63.82	1.50	63.82	
PERIOD		3.97855	ug/m^3	R_388	595004.47	4124944.05	63.74	1.50	63.74	
PERIOD		4.67707	ug/m^3	R_389	595004.47	4124964.05	63.65	1.50	63.65	
PERIOD		5.72996	ug/m^3	R_390	595004.47	4124984.05	63.50	1.50	63.50	
PERIOD		7.39886	ug/m^3	R_391	595004.47	4125004.05	63.43	1.50	63.43	
PERIOD		10.24403	ug/m^3	R_392	595004.47	4125024.05	63.34	1.50	63.34	
PERIOD		13.79906	ug/m^3	R_393	595004.47	4125044.05	63.20	1.50	63.20	
PERIOD		11.12413	ug/m^3	R_394	595004.47	4125064.05	63.13	1.50	63.13	
PERIOD		11.25116	ug/m^3	R_395	595004.47	4125084.05	63.04	1.50	63.04	
PERIOD		9.30176	ug/m^3	R_396	595004.47	4125104.05	62.89	1.50	62.89	
PERIOD		6.31385	ug/m^3	R_397	595004.47	4125124.05	62.83	1.50	62.83	
PERIOD		4.52226	ug/m^3	R_398	595004.47	4125144.05	62.71	1.50	62.71	
PERIOD		3.39399	ug/m^3	R_399	595004.47	4125164.05	62.51	1.50	62.51	
PERIOD		2.64560	ug/m^3	R_400	595004.47	4125184.05	62.36	1.50	62.36	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.12988	ug/m^3	R_401	595004.47	4125204.05	62.25	1.50	62.25	
PERIOD		1.76112	ug/m^3	R_402	595004.47	4125224.05	62.19	1.50	62.19	
PERIOD		1.48918	ug/m^3	R_403	595004.47	4125244.05	62.05	1.50	62.05	
PERIOD		1.28199	ug/m^3	R_404	595004.47	4125264.05	61.89	1.50	61.89	
PERIOD		1.16644	ug/m^3	R_405	595024.47	4124484.05	66.59	1.50	796.44	
PERIOD		1.20142	ug/m^3	R_406	595024.47	4124504.05	66.46	1.50	796.44	
PERIOD		1.23617	ug/m^3	R_407	595024.47	4124524.05	66.27	1.50	796.44	
PERIOD		1.27059	ug/m^3	R_408	595024.47	4124544.05	66.11	1.50	796.44	
PERIOD		1.30459	ug/m^3	R_409	595024.47	4124564.05	66.04	1.50	66.04	
PERIOD		1.34070	ug/m^3	R_410	595024.47	4124584.05	65.92	1.50	65.92	
PERIOD		1.37871	ug/m^3	R_411	595024.47	4124604.05	65.81	1.50	65.81	
PERIOD		1.41904	ug/m^3	R_412	595024.47	4124624.05	65.73	1.50	65.73	
PERIOD		1.46327	ug/m^3	R_413	595024.47	4124644.05	65.61	1.50	65.61	
PERIOD		1.51199	ug/m^3	R_414	595024.47	4124664.05	65.46	1.50	65.46	
PERIOD		1.56597	ug/m^3	R_415	595024.47	4124684.05	65.25	1.50	65.25	
PERIOD		1.62424	ug/m^3	R_416	595024.47	4124704.05	65.16	1.50	65.16	
PERIOD		1.68939	ug/m^3	R_417	595024.47	4124724.05	65.06	1.50	65.06	
PERIOD		1.76281	ug/m^3	R_418	595024.47	4124744.05	64.94	1.50	64.94	
PERIOD		1.84706	ug/m^3	R_419	595024.47	4124764.05	64.74	1.50	64.74	
PERIOD		1.94217	ug/m^3	R_420	595024.47	4124784.05	64.59	1.50	64.59	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.05004	ug/m^3	R_421	595024.47	4124804.05	64.51	1.50	64.51	
PERIOD		2.17570	ug/m^3	R_422	595024.47	4124824.05	64.39	1.50	64.39	
PERIOD		2.32373	ug/m^3	R_423	595024.47	4124844.05	64.28	1.50	64.28	
PERIOD		2.50057	ug/m^3	R_424	595024.47	4124864.05	64.21	1.50	64.21	
PERIOD		2.72056	ug/m^3	R_425	595024.47	4124884.05	64.02	1.50	64.02	
PERIOD		2.99830	ug/m^3	R_426	595024.47	4124904.05	63.85	1.50	63.85	
PERIOD		3.36016	ug/m^3	R_427	595024.47	4124924.05	63.72	1.50	63.72	
PERIOD		3.84950	ug/m^3	R_428	595024.47	4124944.05	63.64	1.50	63.64	
PERIOD		4.54621	ug/m^3	R_429	595024.47	4124964.05	63.54	1.50	63.54	
PERIOD		5.59181	ug/m^3	R_430	595024.47	4124984.05	63.41	1.50	63.41	
PERIOD		7.24528	ug/m^3	R_431	595024.47	4125004.05	63.33	1.50	63.33	
PERIOD		10.05684	ug/m^3	R_432	595024.47	4125024.05	63.24	1.50	63.24	
PERIOD		13.52445	ug/m^3	R_433	595024.47	4125044.05	63.11	1.50	63.11	
PERIOD		10.67350	ug/m^3	R_434	595024.47	4125064.05	63.03	1.50	63.03	
PERIOD		13.97217	ug/m^3	R_435	595024.47	4125084.05	62.93	1.50	62.93	
PERIOD		8.55501	ug/m^3	R_436	595024.47	4125104.05	62.80	1.50	62.80	
PERIOD		5.66238	ug/m^3	R_437	595024.47	4125124.05	62.72	1.50	62.72	
PERIOD		3.99940	ug/m^3	R_438	595024.47	4125144.05	62.60	1.50	62.60	
PERIOD		2.99120	ug/m^3	R_439	595024.47	4125164.05	62.39	1.50	62.39	
PERIOD		2.33631	ug/m^3	R_440	595024.47	4125184.05	62.26	1.50	62.26	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.89037	ug/m^3	R_441	595024.47	4125204.05	62.15	1.50	62.15	
PERIOD		1.57262	ug/m^3	R_442	595024.47	4125224.05	62.07	1.50	62.07	
PERIOD		1.33798	ug/m^3	R_443	595024.47	4125244.05	61.89	1.50	61.89	
PERIOD		1.15850	ug/m^3	R_444	595024.47	4125264.05	61.71	1.50	61.71	
PERIOD		1.08853	ug/m^3	R_445	595044.47	4124484.05	66.44	1.50	796.44	
PERIOD		1.12003	ug/m^3	R_446	595044.47	4124504.05	66.43	1.50	796.44	
PERIOD		1.15280	ug/m^3	R_447	595044.47	4124524.05	66.26	1.50	796.44	
PERIOD		1.18628	ug/m^3	R_448	595044.47	4124544.05	66.06	1.50	796.44	
PERIOD		1.22069	ug/m^3	R_449	595044.47	4124564.05	65.86	1.50	65.86	
PERIOD		1.25495	ug/m^3	R_450	595044.47	4124584.05	65.83	1.50	65.83	
PERIOD		1.29189	ug/m^3	R_451	595044.47	4124604.05	65.75	1.50	65.75	
PERIOD		1.33290	ug/m^3	R_452	595044.47	4124624.05	65.56	1.50	65.56	
PERIOD		1.37559	ug/m^3	R_453	595044.47	4124644.05	65.52	1.50	65.52	
PERIOD		1.42272	ug/m^3	R_454	595044.47	4124664.05	65.44	1.50	65.44	
PERIOD		1.47576	ug/m^3	R_455	595044.47	4124684.05	65.24	1.50	65.24	
PERIOD		1.53449	ug/m^3	R_456	595044.47	4124704.05	65.04	1.50	65.04	
PERIOD		1.59895	ug/m^3	R_457	595044.47	4124724.05	64.92	1.50	64.92	
PERIOD		1.66973	ug/m^3	R_458	595044.47	4124744.05	64.91	1.50	64.91	
PERIOD		1.75205	ug/m^3	R_459	595044.47	4124764.05	64.73	1.50	64.73	
PERIOD		1.84602	ug/m^3	R_460	595044.47	4124784.05	64.53	1.50	64.53	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.95314	ug/m^3	R_461	595044.47	4124804.05	64.34	1.50	64.34	
PERIOD		2.07545	ug/m^3	R_462	595044.47	4124824.05	64.30	1.50	64.30	
PERIOD		2.22027	ug/m^3	R_463	595044.47	4124844.05	64.23	1.50	64.23	
PERIOD		2.39690	ug/m^3	R_464	595044.47	4124864.05	64.03	1.50	64.03	
PERIOD		2.61477	ug/m^3	R_465	595044.47	4124884.05	63.83	1.50	63.83	
PERIOD		2.88935	ug/m^3	R_466	595044.47	4124904.05	63.70	1.50	63.70	
PERIOD		3.24475	ug/m^3	R_467	595044.47	4124924.05	63.69	1.50	63.69	
PERIOD		3.73447	ug/m^3	R_468	595044.47	4124944.05	63.52	1.50	63.52	
PERIOD		4.42785	ug/m^3	R_469	595044.47	4124964.05	63.40	1.50	63.40	
PERIOD		5.45165	ug/m^3	R_470	595044.47	4124984.05	63.39	1.50	63.39	
PERIOD		7.09345	ug/m^3	R_471	595044.47	4125004.05	63.21	1.50	63.21	
PERIOD		9.87469	ug/m^3	R_472	595044.47	4125024.05	63.08	1.50	63.08	
PERIOD		13.17017	ug/m^3	R_473	595044.47	4125044.05	63.08	1.50	63.08	
PERIOD		9.97608	ug/m^3	R_474	595044.47	4125064.05	62.90	1.50	62.90	
PERIOD		12.89540	ug/m^3	R_475	595044.47	4125084.05	62.78	1.50	62.78	
PERIOD		7.54656	ug/m^3	R_476	595044.47	4125104.05	62.78	1.50	62.78	
PERIOD		4.88620	ug/m^3	R_477	595044.47	4125124.05	62.60	1.50	62.60	
PERIOD		3.43996	ug/m^3	R_478	595044.47	4125144.05	62.40	1.50	62.40	
PERIOD		2.58462	ug/m^3	R_479	595044.47	4125164.05	62.20	1.50	62.20	
PERIOD		2.03352	ug/m^3	R_480	595044.47	4125184.05	62.17	1.50	62.17	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.66057	ug/m^3	R_481	595044.47	4125204.05	62.09	1.50	62.09	
PERIOD		1.39471	ug/m^3	R_482	595044.47	4125224.05	61.89	1.50	61.89	
PERIOD		1.19623	ug/m^3	R_483	595044.47	4125244.05	61.68	1.50	61.68	
PERIOD		1.04336	ug/m^3	R_484	595044.47	4125264.05	61.56	1.50	61.56	
PERIOD		1.02096	ug/m^3	R_485	595064.47	4124484.05	66.39	1.50	796.44	
PERIOD		1.05206	ug/m^3	R_486	595064.47	4124504.05	66.25	1.50	796.44	
PERIOD		1.08236	ug/m^3	R_487	595064.47	4124524.05	66.18	1.50	796.44	
PERIOD		1.11386	ug/m^3	R_488	595064.47	4124544.05	66.06	1.50	796.44	
PERIOD		1.14729	ug/m^3	R_489	595064.47	4124564.05	65.86	1.50	65.86	
PERIOD		1.18194	ug/m^3	R_490	595064.47	4124584.05	65.71	1.50	65.71	
PERIOD		1.21856	ug/m^3	R_491	595064.47	4124604.05	65.60	1.50	65.60	
PERIOD		1.25750	ug/m^3	R_492	595064.47	4124624.05	65.54	1.50	65.54	
PERIOD		1.30052	ug/m^3	R_493	595064.47	4124644.05	65.41	1.50	65.41	
PERIOD		1.34771	ug/m^3	R_494	595064.47	4124664.05	65.24	1.50	65.24	
PERIOD		1.39992	ug/m^3	R_495	595064.47	4124684.05	65.04	1.50	65.04	
PERIOD		1.45645	ug/m^3	R_496	595064.47	4124704.05	64.96	1.50	64.96	
PERIOD		1.51946	ug/m^3	R_497	595064.47	4124724.05	64.87	1.50	64.87	
PERIOD		1.59074	ug/m^3	R_498	595064.47	4124744.05	64.72	1.50	64.72	
PERIOD		1.67165	ug/m^3	R_499	595064.47	4124764.05	64.53	1.50	64.53	
PERIOD		1.76268	ug/m^3	R_500	595064.47	4124784.05	64.38	1.50	64.38	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.86612	ug/m^3	R_501	595064.47	4124804.05	64.32	1.50	64.32	
PERIOD		1.98737	ug/m^3	R_502	595064.47	4124824.05	64.19	1.50	64.19	
PERIOD		2.13055	ug/m^3	R_503	595064.47	4124844.05	64.07	1.50	64.07	
PERIOD		2.30194	ug/m^3	R_504	595064.47	4124864.05	64.02	1.50	64.02	
PERIOD		2.51641	ug/m^3	R_505	595064.47	4124884.05	63.83	1.50	63.83	
PERIOD		2.78859	ug/m^3	R_506	595064.47	4124904.05	63.65	1.50	63.65	
PERIOD		3.14442	ug/m^3	R_507	595064.47	4124924.05	63.50	1.50	63.50	
PERIOD		3.62459	ug/m^3	R_508	595064.47	4124944.05	63.43	1.50	63.43	
PERIOD		4.30660	ug/m^3	R_509	595064.47	4124964.05	63.34	1.50	63.34	
PERIOD		5.32637	ug/m^3	R_510	595064.47	4124984.05	63.20	1.50	63.20	
PERIOD		6.94808	ug/m^3	R_511	595064.47	4125004.05	63.00	1.50	63.00	
PERIOD		9.67500	ug/m^3	R_512	595064.47	4125024.05	62.88	1.50	62.88	
PERIOD		12.74130	ug/m^3	R_513	595064.47	4125044.05	62.88	1.50	62.88	
PERIOD		8.78634	ug/m^3	R_514	595064.47	4125064.05	62.70	1.50	62.70	
PERIOD		11.30563	ug/m^3	R_515	595064.47	4125084.05	62.57	1.50	62.57	
PERIOD		6.26174	ug/m^3	R_516	595064.47	4125104.05	62.57	1.50	62.57	
PERIOD		4.02396	ug/m^3	R_517	595064.47	4125124.05	62.39	1.50	62.39	
PERIOD		2.86548	ug/m^3	R_518	595064.47	4125144.05	62.25	1.50	62.25	
PERIOD		2.18445	ug/m^3	R_519	595064.47	4125164.05	62.19	1.50	62.19	
PERIOD		1.74862	ug/m^3	R_520	595064.47	4125184.05	62.05	1.50	62.05	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.44838	ug/m^3	R_521	595064.47	4125204.05	61.89	1.50	61.89	
PERIOD		1.23055	ug/m^3	R_522	595064.47	4125224.05	61.68	1.50	61.68	
PERIOD		1.06578	ug/m^3	R_523	595064.47	4125244.05	61.48	1.50	61.48	
PERIOD		0.93755	ug/m^3	R_524	595064.47	4125264.05	61.35	1.50	61.35	
PERIOD		0.96325	ug/m^3	R_525	595084.47	4124484.05	66.28	1.50	796.44	
PERIOD		0.99260	ug/m^3	R_526	595084.47	4124504.05	66.16	1.50	796.44	
PERIOD		1.02205	ug/m^3	R_527	595084.47	4124524.05	66.07	1.50	796.44	
PERIOD		1.05232	ug/m^3	R_528	595084.47	4124544.05	65.98	1.50	796.44	
PERIOD		1.08411	ug/m^3	R_529	595084.47	4124564.05	65.85	1.50	65.85	
PERIOD		1.11833	ug/m^3	R_530	595084.47	4124584.05	65.66	1.50	65.66	
PERIOD		1.15469	ug/m^3	R_531	595084.47	4124604.05	65.50	1.50	65.50	
PERIOD		1.19310	ug/m^3	R_532	595084.47	4124624.05	65.43	1.50	65.43	
PERIOD		1.23572	ug/m^3	R_533	595084.47	4124644.05	65.24	1.50	65.24	
PERIOD		1.28222	ug/m^3	R_534	595084.47	4124664.05	65.06	1.50	65.06	
PERIOD		1.33282	ug/m^3	R_535	595084.47	4124684.05	64.94	1.50	64.94	
PERIOD		1.38838	ug/m^3	R_536	595084.47	4124704.05	64.86	1.50	64.86	
PERIOD		1.45063	ug/m^3	R_537	595084.47	4124724.05	64.73	1.50	64.73	
PERIOD		1.52106	ug/m^3	R_538	595084.47	4124744.05	64.53	1.50	64.53	
PERIOD		1.59944	ug/m^3	R_539	595084.47	4124764.05	64.39	1.50	64.39	
PERIOD		1.68821	ug/m^3	R_540	595084.47	4124784.05	64.28	1.50	64.28	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.78966	ug/m^3	R_541	595084.47	4124804.05	64.21	1.50	64.21	
PERIOD		1.90837	ug/m^3	R_542	595084.47	4124824.05	64.09	1.50	64.09	
PERIOD		2.04879	ug/m^3	R_543	595084.47	4124844.05	63.98	1.50	63.98	
PERIOD		2.21775	ug/m^3	R_544	595084.47	4124864.05	63.90	1.50	63.90	
PERIOD		2.42870	ug/m^3	R_545	595084.47	4124884.05	63.71	1.50	63.71	
PERIOD		2.69610	ug/m^3	R_546	595084.47	4124904.05	63.54	1.50	63.54	
PERIOD		3.04489	ug/m^3	R_547	595084.47	4124924.05	63.41	1.50	63.41	
PERIOD		3.51562	ug/m^3	R_548	595084.47	4124944.05	63.33	1.50	63.33	
PERIOD		4.18331	ug/m^3	R_549	595084.47	4124964.05	63.21	1.50	63.21	
PERIOD		5.18209	ug/m^3	R_550	595084.47	4124984.05	63.00	1.50	63.00	
PERIOD		6.74754	ug/m^3	R_551	595084.47	4125004.05	62.87	1.50	62.87	
PERIOD		9.35768	ug/m^3	R_552	595084.47	4125024.05	62.76	1.50	62.76	
PERIOD		11.96418	ug/m^3	R_553	595084.47	4125044.05	62.68	1.50	62.68	
PERIOD		6.23051	ug/m^3	R_554	595084.47	4125064.05	62.56	1.50	62.56	
PERIOD		8.66093	ug/m^3	R_555	595084.47	4125084.05	62.46	1.50	62.46	
PERIOD		4.72315	ug/m^3	R_556	595084.47	4125104.05	62.38	1.50	62.38	
PERIOD		3.14792	ug/m^3	R_557	595084.47	4125124.05	62.26	1.50	62.26	
PERIOD		2.32342	ug/m^3	R_558	595084.47	4125144.05	62.15	1.50	62.15	
PERIOD		1.82332	ug/m^3	R_559	595084.47	4125164.05	62.07	1.50	62.07	
PERIOD		1.49278	ug/m^3	R_560	595084.47	4125184.05	61.89	1.50	61.89	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.25816	ug/m^3	R_561	595084.47	4125204.05	61.68	1.50	61.68	
PERIOD		1.08329	ug/m^3	R_562	595084.47	4125224.05	61.48	1.50	61.48	
PERIOD		0.94875	ug/m^3	R_563	595084.47	4125244.05	61.34	1.50	61.34	
PERIOD		0.84256	ug/m^3	R_564	595084.47	4125264.05	61.24	1.50	61.24	
PERIOD		0.91328	ug/m^3	R_565	595104.47	4124484.05	66.14	1.50	796.44	
PERIOD		0.94059	ug/m^3	R_566	595104.47	4124504.05	66.13	1.50	796.44	
PERIOD		0.96959	ug/m^3	R_567	595104.47	4124524.05	65.96	1.50	796.44	
PERIOD		0.99916	ug/m^3	R_568	595104.47	4124544.05	65.83	1.50	796.44	
PERIOD		1.02931	ug/m^3	R_569	595104.47	4124564.05	65.82	1.50	65.82	
PERIOD		1.06267	ug/m^3	R_570	595104.47	4124584.05	65.64	1.50	65.64	
PERIOD		1.09854	ug/m^3	R_571	595104.47	4124604.05	65.45	1.50	65.45	
PERIOD		1.13711	ug/m^3	R_572	595104.47	4124624.05	65.25	1.50	65.25	
PERIOD		1.17902	ug/m^3	R_573	595104.47	4124644.05	65.05	1.50	65.05	
PERIOD		1.22429	ug/m^3	R_574	595104.47	4124664.05	64.92	1.50	64.92	
PERIOD		1.27305	ug/m^3	R_575	595104.47	4124684.05	64.91	1.50	64.91	
PERIOD		1.32828	ug/m^3	R_576	595104.47	4124704.05	64.74	1.50	64.74	
PERIOD		1.38991	ug/m^3	R_577	595104.47	4124724.05	64.54	1.50	64.54	
PERIOD		1.45849	ug/m^3	R_578	595104.47	4124744.05	64.34	1.50	64.34	
PERIOD		1.53427	ug/m^3	R_579	595104.47	4124764.05	64.30	1.50	64.30	
PERIOD		1.62060	ug/m^3	R_580	595104.47	4124784.05	64.23	1.50	64.23	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.72112	ug/m^3	R_581	595104.47	4124804.05	64.03	1.50	64.03	
PERIOD		1.83623	ug/m^3	R_582	595104.47	4124824.05	64.00	1.50	64.00	
PERIOD		1.97311	ug/m^3	R_583	595104.47	4124844.05	63.92	1.50	63.92	
PERIOD		2.14043	ug/m^3	R_584	595104.47	4124864.05	63.71	1.50	63.71	
PERIOD		2.34673	ug/m^3	R_585	595104.47	4124884.05	63.52	1.50	63.52	
PERIOD		2.60637	ug/m^3	R_586	595104.47	4124904.05	63.40	1.50	63.40	
PERIOD		2.94112	ug/m^3	R_587	595104.47	4124924.05	63.39	1.50	63.39	
PERIOD		3.39806	ug/m^3	R_588	595104.47	4124944.05	63.21	1.50	63.21	
PERIOD		4.04042	ug/m^3	R_589	595104.47	4124964.05	63.01	1.50	63.01	
PERIOD		4.98226	ug/m^3	R_590	595104.47	4124984.05	62.81	1.50	62.81	
PERIOD		6.41381	ug/m^3	R_591	595104.47	4125004.05	62.78	1.50	62.78	
PERIOD		8.68549	ug/m^3	R_592	595104.47	4125024.05	62.70	1.50	62.70	
PERIOD		11.87385	ug/m^3	R_593	595104.47	4125044.05	62.50	1.50	62.50	
PERIOD		6.13987	ug/m^3	R_594	595104.47	4125064.05	62.47	1.50	62.47	
PERIOD		5.27671	ug/m^3	R_595	595104.47	4125084.05	62.40	1.50	62.40	
PERIOD		3.31940	ug/m^3	R_596	595104.47	4125104.05	62.20	1.50	62.20	
PERIOD		2.40200	ug/m^3	R_597	595104.47	4125124.05	62.17	1.50	62.17	
PERIOD		1.86601	ug/m^3	R_598	595104.47	4125144.05	62.09	1.50	62.09	
PERIOD		1.51850	ug/m^3	R_599	595104.47	4125164.05	61.89	1.50	61.89	
PERIOD		1.27386	ug/m^3	R_600	595104.47	4125184.05	61.69	1.50	61.69	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.09305	ug/m^3	R_601	595104.47	4125204.05	61.49	1.50	61.49	
PERIOD		0.95448	ug/m^3	R_602	595104.47	4125224.05	61.29	1.50	61.29	
PERIOD		0.84606	ug/m^3	R_603	595104.47	4125244.05	61.26	1.50	61.26	
PERIOD		0.75865	ug/m^3	R_604	595104.47	4125264.05	61.18	1.50	61.18	
PERIOD		0.86878	ug/m^3	R_605	595124.47	4124484.05	66.09	1.50	796.44	
PERIOD		0.89605	ug/m^3	R_606	595124.47	4124504.05	65.94	1.50	796.44	
PERIOD		0.92334	ug/m^3	R_607	595124.47	4124524.05	65.87	1.50	796.44	
PERIOD		0.95186	ug/m^3	R_608	595124.47	4124544.05	65.78	1.50	796.44	
PERIOD		0.98225	ug/m^3	R_609	595124.47	4124564.05	65.64	1.50	65.64	
PERIOD		1.01503	ug/m^3	R_610	595124.47	4124584.05	65.44	1.50	65.44	
PERIOD		1.04972	ug/m^3	R_611	595124.47	4124604.05	65.29	1.50	65.29	
PERIOD		1.08661	ug/m^3	R_612	595124.47	4124624.05	65.23	1.50	65.23	
PERIOD		1.12751	ug/m^3	R_613	595124.47	4124644.05	65.05	1.50	65.05	
PERIOD		1.17219	ug/m^3	R_614	595124.47	4124664.05	64.87	1.50	64.87	
PERIOD		1.22102	ug/m^3	R_615	595124.47	4124684.05	64.72	1.50	64.72	
PERIOD		1.27424	ug/m^3	R_616	595124.47	4124704.05	64.65	1.50	64.65	
PERIOD		1.33360	ug/m^3	R_617	595124.47	4124724.05	64.54	1.50	64.54	
PERIOD		1.40047	ug/m^3	R_618	595124.47	4124744.05	64.34	1.50	64.34	
PERIOD		1.47523	ug/m^3	R_619	595124.47	4124764.05	64.19	1.50	64.19	
PERIOD		1.55984	ug/m^3	R_620	595124.47	4124784.05	64.07	1.50	64.07	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.65629	ug/m^3	R_621	595124.47	4124804.05	64.02	1.50	64.02	
PERIOD		1.76954	ug/m^3	R_622	595124.47	4124824.05	63.88	1.50	63.88	
PERIOD		1.90392	ug/m^3	R_623	595124.47	4124844.05	63.71	1.50	63.71	
PERIOD		2.06631	ug/m^3	R_624	595124.47	4124864.05	63.51	1.50	63.51	
PERIOD		2.26382	ug/m^3	R_625	595124.47	4124884.05	63.43	1.50	63.43	
PERIOD		2.51231	ug/m^3	R_626	595124.47	4124904.05	63.34	1.50	63.34	
PERIOD		2.83409	ug/m^3	R_627	595124.47	4124924.05	63.20	1.50	63.20	
PERIOD		3.26330	ug/m^3	R_628	595124.47	4124944.05	63.00	1.50	63.00	
PERIOD		3.84880	ug/m^3	R_629	595124.47	4124964.05	62.85	1.50	62.85	
PERIOD		4.66373	ug/m^3	R_630	595124.47	4124984.05	62.80	1.50	62.80	
PERIOD		5.81912	ug/m^3	R_631	595124.47	4125004.05	62.66	1.50	62.66	
PERIOD		7.27455	ug/m^3	R_632	595124.47	4125024.05	62.50	1.50	62.50	
PERIOD		8.07181	ug/m^3	R_633	595124.47	4125044.05	62.29	1.50	62.29	
PERIOD		6.11846	ug/m^3	R_634	595124.47	4125064.05	62.27	1.50	62.27	
PERIOD		3.51173	ug/m^3	R_635	595124.47	4125084.05	62.25	1.50	62.25	
PERIOD		2.41932	ug/m^3	R_636	595124.47	4125104.05	62.19	1.50	62.19	
PERIOD		1.87206	ug/m^3	R_637	595124.47	4125124.05	62.05	1.50	62.05	
PERIOD		1.52104	ug/m^3	R_638	595124.47	4125144.05	61.89	1.50	61.89	
PERIOD		1.27576	ug/m^3	R_639	595124.47	4125164.05	61.68	1.50	61.68	
PERIOD		1.09378	ug/m^3	R_640	595124.47	4125184.05	61.61	1.50	61.61	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.95492	ug/m^3	R_641	595124.47	4125204.05	61.49	1.50	61.49	
PERIOD		0.84546	ug/m^3	R_642	595124.47	4125224.05	61.29	1.50	61.29	
PERIOD		0.75745	ug/m^3	R_643	595124.47	4125244.05	61.14	1.50	61.14	
PERIOD		0.68527	ug/m^3	R_644	595124.47	4125264.05	61.03	1.50	61.03	
PERIOD		0.82938	ug/m^3	R_645	595144.47	4124484.05	66.06	1.50	796.44	
PERIOD		0.85593	ug/m^3	R_646	595144.47	4124504.05	65.86	1.50	796.44	
PERIOD		0.88254	ug/m^3	R_647	595144.47	4124524.05	65.77	1.50	796.44	
PERIOD		0.91040	ug/m^3	R_648	595144.47	4124544.05	65.67	1.50	796.44	
PERIOD		0.93997	ug/m^3	R_649	595144.47	4124564.05	65.55	1.50	65.55	
PERIOD		0.97193	ug/m^3	R_650	595144.47	4124584.05	65.35	1.50	65.35	
PERIOD		1.00589	ug/m^3	R_651	595144.47	4124604.05	65.20	1.50	65.20	
PERIOD		1.04215	ug/m^3	R_652	595144.47	4124624.05	65.12	1.50	65.12	
PERIOD		1.08222	ug/m^3	R_653	595144.47	4124644.05	64.93	1.50	64.93	
PERIOD		1.12582	ug/m^3	R_654	595144.47	4124664.05	64.76	1.50	64.76	
PERIOD		1.17337	ug/m^3	R_655	595144.47	4124684.05	64.63	1.50	64.63	
PERIOD		1.22536	ug/m^3	R_656	595144.47	4124704.05	64.55	1.50	64.55	
PERIOD		1.28317	ug/m^3	R_657	595144.47	4124724.05	64.43	1.50	64.43	
PERIOD		1.34827	ug/m^3	R_658	595144.47	4124744.05	64.22	1.50	64.22	
PERIOD		1.42074	ug/m^3	R_659	595144.47	4124764.05	64.09	1.50	64.09	
PERIOD		1.50279	ug/m^3	R_660	595144.47	4124784.05	63.98	1.50	63.98	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.59656	ug/m^3	R_661	595144.47	4124804.05	63.90	1.50	63.90	
PERIOD		1.70666	ug/m^3	R_662	595144.47	4124824.05	63.71	1.50	63.71	
PERIOD		1.83625	ug/m^3	R_663	595144.47	4124844.05	63.54	1.50	63.54	
PERIOD		1.99096	ug/m^3	R_664	595144.47	4124864.05	63.41	1.50	63.41	
PERIOD		2.17871	ug/m^3	R_665	595144.47	4124884.05	63.33	1.50	63.33	
PERIOD		2.41262	ug/m^3	R_666	595144.47	4124904.05	63.21	1.50	63.21	
PERIOD		2.71093	ug/m^3	R_667	595144.47	4124924.05	63.00	1.50	63.00	
PERIOD		3.09263	ug/m^3	R_668	595144.47	4124944.05	62.87	1.50	62.87	
PERIOD		3.58808	ug/m^3	R_669	595144.47	4124964.05	62.76	1.50	62.76	
PERIOD		4.21941	ug/m^3	R_670	595144.47	4124984.05	62.68	1.50	62.68	
PERIOD		4.95664	ug/m^3	R_671	595144.47	4125004.05	62.50	1.50	62.50	
PERIOD		5.52473	ug/m^3	R_672	595144.47	4125024.05	62.32	1.50	62.32	
PERIOD		5.24062	ug/m^3	R_673	595144.47	4125044.05	62.19	1.50	62.19	
PERIOD		3.87088	ug/m^3	R_674	595144.47	4125064.05	62.11	1.50	62.11	
PERIOD		2.55804	ug/m^3	R_675	595144.47	4125084.05	62.06	1.50	62.06	
PERIOD		1.88616	ug/m^3	R_676	595144.47	4125104.05	62.06	1.50	62.06	
PERIOD		1.51811	ug/m^3	R_677	595144.47	4125124.05	61.89	1.50	61.89	
PERIOD		1.26967	ug/m^3	R_678	595144.47	4125144.05	61.71	1.50	61.71	
PERIOD		1.08858	ug/m^3	R_679	595144.47	4125164.05	61.59	1.50	61.59	
PERIOD		0.95028	ug/m^3	R_680	595144.47	4125184.05	61.50	1.50	61.50	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.84164	ug/m^3	R_681	595144.47	4125204.05	61.38	1.50	61.38	
PERIOD		0.75399	ug/m^3	R_682	595144.47	4125224.05	61.17	1.50	61.17	
PERIOD		0.68213	ug/m^3	R_683	595144.47	4125244.05	61.04	1.50	61.04	
PERIOD		0.62211	ug/m^3	R_684	595144.47	4125264.05	60.93	1.50	60.93	
PERIOD		0.79424	ug/m^3	R_685	595164.47	4124484.05	66.05	1.50	796.44	
PERIOD		0.81989	ug/m^3	R_686	595164.47	4124504.05	65.85	1.50	796.44	
PERIOD		0.84632	ug/m^3	R_687	595164.47	4124524.05	65.65	1.50	796.44	
PERIOD		0.87360	ug/m^3	R_688	595164.47	4124544.05	65.53	1.50	796.44	
PERIOD		0.90186	ug/m^3	R_689	595164.47	4124564.05	65.52	1.50	65.52	
PERIOD		0.93294	ug/m^3	R_690	595164.47	4124584.05	65.34	1.50	65.34	
PERIOD		0.96638	ug/m^3	R_691	595164.47	4124604.05	65.14	1.50	65.14	
PERIOD		1.00255	ug/m^3	R_692	595164.47	4124624.05	64.93	1.50	64.93	
PERIOD		1.04169	ug/m^3	R_693	595164.47	4124644.05	64.74	1.50	64.74	
PERIOD		1.08399	ug/m^3	R_694	595164.47	4124664.05	64.61	1.50	64.61	
PERIOD		1.12944	ug/m^3	R_695	595164.47	4124684.05	64.61	1.50	64.61	
PERIOD		1.18060	ug/m^3	R_696	595164.47	4124704.05	64.43	1.50	64.43	
PERIOD		1.23725	ug/m^3	R_697	595164.47	4124724.05	64.23	1.50	64.23	
PERIOD		1.30023	ug/m^3	R_698	595164.47	4124744.05	64.03	1.50	64.03	
PERIOD		1.36968	ug/m^3	R_699	595164.47	4124764.05	64.00	1.50	64.00	
PERIOD		1.44863	ug/m^3	R_700	595164.47	4124784.05	63.92	1.50	63.92	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.54003	ug/m^3	R_701	595164.47	4124804.05	63.71	1.50	63.71	
PERIOD		1.64559	ug/m^3	R_702	595164.47	4124824.05	63.52	1.50	63.52	
PERIOD		1.76846	ug/m^3	R_703	595164.47	4124844.05	63.40	1.50	63.40	
PERIOD		1.91273	ug/m^3	R_704	595164.47	4124864.05	63.39	1.50	63.39	
PERIOD		2.08857	ug/m^3	R_705	595164.47	4124884.05	63.21	1.50	63.21	
PERIOD		2.30305	ug/m^3	R_706	595164.47	4124904.05	63.00	1.50	63.00	
PERIOD		2.56587	ug/m^3	R_707	595164.47	4124924.05	62.80	1.50	62.80	
PERIOD		2.88278	ug/m^3	R_708	595164.47	4124944.05	62.78	1.50	62.78	
PERIOD		3.26151	ug/m^3	R_709	595164.47	4124964.05	62.70	1.50	62.70	
PERIOD		3.67894	ug/m^3	R_710	595164.47	4124984.05	62.50	1.50	62.50	
PERIOD		4.02819	ug/m^3	R_711	595164.47	4125004.05	62.30	1.50	62.30	
PERIOD		4.07389	ug/m^3	R_712	595164.47	4125024.05	62.18	1.50	62.18	
PERIOD		3.57333	ug/m^3	R_713	595164.47	4125044.05	62.17	1.50	62.17	
PERIOD		2.71164	ug/m^3	R_714	595164.47	4125064.05	62.00	1.50	62.00	
PERIOD		1.96668	ug/m^3	R_715	595164.47	4125084.05	61.87	1.50	61.87	
PERIOD		1.52301	ug/m^3	R_716	595164.47	4125104.05	61.86	1.50	61.86	
PERIOD		1.26281	ug/m^3	R_717	595164.47	4125124.05	61.69	1.50	61.69	
PERIOD		1.08097	ug/m^3	R_718	595164.47	4125144.05	61.57	1.50	61.57	
PERIOD		0.94314	ug/m^3	R_719	595164.47	4125164.05	61.56	1.50	61.56	
PERIOD		0.83546	ug/m^3	R_720	595164.47	4125184.05	61.38	1.50	61.38	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.74878	ug/m^3	R_721	595164.47	4125204.05	61.18	1.50	61.18	
PERIOD		0.67744	ug/m^3	R_722	595164.47	4125224.05	60.98	1.50	60.98	
PERIOD		0.61820	ug/m^3	R_723	595164.47	4125244.05	60.95	1.50	60.95	
PERIOD		0.56786	ug/m^3	R_724	595164.47	4125264.05	60.87	1.50	60.87	
PERIOD		0.76378	ug/m^3	R_725	595184.47	4124484.05	65.85	1.50	796.44	
PERIOD		0.78855	ug/m^3	R_726	595184.47	4124504.05	65.64	1.50	796.44	
PERIOD		0.81362	ug/m^3	R_727	595184.47	4124524.05	65.57	1.50	796.44	
PERIOD		0.84006	ug/m^3	R_728	595184.47	4124544.05	65.48	1.50	796.44	
PERIOD		0.86833	ug/m^3	R_729	595184.47	4124564.05	65.33	1.50	65.33	
PERIOD		0.89867	ug/m^3	R_730	595184.47	4124584.05	65.14	1.50	65.14	
PERIOD		0.93135	ug/m^3	R_731	595184.47	4124604.05	64.93	1.50	64.93	
PERIOD		0.96658	ug/m^3	R_732	595184.47	4124624.05	64.73	1.50	64.73	
PERIOD		1.00413	ug/m^3	R_733	595184.47	4124644.05	64.65	1.50	64.65	
PERIOD		1.04503	ug/m^3	R_734	595184.47	4124664.05	64.56	1.50	64.56	
PERIOD		1.08995	ug/m^3	R_735	595184.47	4124684.05	64.42	1.50	64.42	
PERIOD		1.13959	ug/m^3	R_736	595184.47	4124704.05	64.22	1.50	64.22	
PERIOD		1.19404	ug/m^3	R_737	595184.47	4124724.05	64.07	1.50	64.07	
PERIOD		1.25389	ug/m^3	R_738	595184.47	4124744.05	64.02	1.50	64.02	
PERIOD		1.32141	ug/m^3	R_739	595184.47	4124764.05	63.88	1.50	63.88	
PERIOD		1.39776	ug/m^3	R_740	595184.47	4124784.05	63.71	1.50	63.71	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.48486	ug/m^3	R_741	595184.47	4124804.05	63.51	1.50	63.51	
PERIOD		1.58374	ug/m^3	R_742	595184.47	4124824.05	63.43	1.50	63.43	
PERIOD		1.69838	ug/m^3	R_743	595184.47	4124844.05	63.34	1.50	63.34	
PERIOD		1.83293	ug/m^3	R_744	595184.47	4124864.05	63.20	1.50	63.20	
PERIOD		1.99204	ug/m^3	R_745	595184.47	4124884.05	63.00	1.50	63.00	
PERIOD		2.17943	ug/m^3	R_746	595184.47	4124904.05	62.80	1.50	62.80	
PERIOD		2.39807	ug/m^3	R_747	595184.47	4124924.05	62.60	1.50	62.60	
PERIOD		2.64254	ug/m^3	R_748	595184.47	4124944.05	62.57	1.50	62.57	
PERIOD		2.89935	ug/m^3	R_749	595184.47	4124964.05	62.50	1.50	62.50	
PERIOD		3.12229	ug/m^3	R_750	595184.47	4124984.05	62.29	1.50	62.29	
PERIOD		3.21047	ug/m^3	R_751	595184.47	4125004.05	62.22	1.50	62.22	
PERIOD		3.04745	ug/m^3	R_752	595184.47	4125024.05	62.12	1.50	62.12	
PERIOD		2.59979	ug/m^3	R_753	595184.47	4125044.05	61.98	1.50	61.98	
PERIOD		2.03513	ug/m^3	R_754	595184.47	4125064.05	61.91	1.50	61.91	
PERIOD		1.56622	ug/m^3	R_755	595184.47	4125084.05	61.82	1.50	61.82	
PERIOD		1.26193	ug/m^3	R_756	595184.47	4125104.05	61.68	1.50	61.68	
PERIOD		1.06902	ug/m^3	R_757	595184.47	4125124.05	61.61	1.50	61.61	
PERIOD		0.93259	ug/m^3	R_758	595184.47	4125144.05	61.51	1.50	61.51	
PERIOD		0.82707	ug/m^3	R_759	595184.47	4125164.05	61.37	1.50	61.37	
PERIOD		0.74166	ug/m^3	R_760	595184.47	4125184.05	61.17	1.50	61.17	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.67160	ug/m^3	R_761	595184.47	4125204.05	61.03	1.50	61.03	
PERIOD		0.61326	ug/m^3	R_762	595184.47	4125224.05	60.97	1.50	60.97	
PERIOD		0.56355	ug/m^3	R_763	595184.47	4125244.05	60.83	1.50	60.83	
PERIOD		0.52083	ug/m^3	R_764	595184.47	4125264.05	60.72	1.50	60.72	
PERIOD		0.73571	ug/m^3	R_765	595204.47	4124484.05	65.76	1.50	796.44	
PERIOD		0.75966	ug/m^3	R_766	595204.47	4124504.05	65.56	1.50	796.44	
PERIOD		0.78420	ug/m^3	R_767	595204.47	4124524.05	65.46	1.50	796.44	
PERIOD		0.80993	ug/m^3	R_768	595204.47	4124544.05	65.37	1.50	796.44	
PERIOD		0.83738	ug/m^3	R_769	595204.47	4124564.05	65.24	1.50	65.24	
PERIOD		0.86695	ug/m^3	R_770	595204.47	4124584.05	65.05	1.50	65.05	
PERIOD		0.89872	ug/m^3	R_771	595204.47	4124604.05	64.85	1.50	64.85	
PERIOD		0.93303	ug/m^3	R_772	595204.47	4124624.05	64.64	1.50	64.64	
PERIOD		0.96955	ug/m^3	R_773	595204.47	4124644.05	64.55	1.50	64.55	
PERIOD		1.00932	ug/m^3	R_774	595204.47	4124664.05	64.43	1.50	64.43	
PERIOD		1.05311	ug/m^3	R_775	595204.47	4124684.05	64.22	1.50	64.22	
PERIOD		1.10061	ug/m^3	R_776	595204.47	4124704.05	64.09	1.50	64.09	
PERIOD		1.15280	ug/m^3	R_777	595204.47	4124724.05	63.98	1.50	63.98	
PERIOD		1.21036	ug/m^3	R_778	595204.47	4124744.05	63.90	1.50	63.90	
PERIOD		1.27513	ug/m^3	R_779	595204.47	4124764.05	63.71	1.50	63.71	
PERIOD		1.34759	ug/m^3	R_780	595204.47	4124784.05	63.54	1.50	63.54	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.42906	ug/m^3	R_781	595204.47	4124804.05	63.41	1.50	63.41	
PERIOD		1.52112	ug/m^3	R_782	595204.47	4124824.05	63.33	1.50	63.33	
PERIOD		1.62653	ug/m^3	R_783	595204.47	4124844.05	63.21	1.50	63.21	
PERIOD		1.74807	ug/m^3	R_784	595204.47	4124864.05	63.00	1.50	63.00	
PERIOD		1.88576	ug/m^3	R_785	595204.47	4124884.05	62.87	1.50	62.87	
PERIOD		2.04117	ug/m^3	R_786	595204.47	4124904.05	62.71	1.50	62.71	
PERIOD		2.21119	ug/m^3	R_787	595204.47	4124924.05	62.51	1.50	62.51	
PERIOD		2.38282	ug/m^3	R_788	595204.47	4124944.05	62.42	1.50	62.42	
PERIOD		2.53203	ug/m^3	R_789	595204.47	4124964.05	62.32	1.50	62.32	
PERIOD		2.61331	ug/m^3	R_790	595204.47	4124984.05	62.19	1.50	62.19	
PERIOD		2.56553	ug/m^3	R_791	595204.47	4125004.05	62.11	1.50	62.11	
PERIOD		2.34752	ug/m^3	R_792	595204.47	4125024.05	62.02	1.50	62.02	
PERIOD		1.98897	ug/m^3	R_793	595204.47	4125044.05	61.89	1.50	61.89	
PERIOD		1.60411	ug/m^3	R_794	595204.47	4125064.05	61.81	1.50	61.81	
PERIOD		1.28780	ug/m^3	R_795	595204.47	4125084.05	61.71	1.50	61.71	
PERIOD		1.06830	ug/m^3	R_796	595204.47	4125104.05	61.59	1.50	61.59	
PERIOD		0.92051	ug/m^3	R_797	595204.47	4125124.05	61.50	1.50	61.50	
PERIOD		0.81440	ug/m^3	R_798	595204.47	4125144.05	61.38	1.50	61.38	
PERIOD		0.73167	ug/m^3	R_799	595204.47	4125164.05	61.17	1.50	61.17	
PERIOD		0.66395	ug/m^3	R_800	595204.47	4125184.05	61.04	1.50	61.04	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.60675	ug/m^3	R_801	595204.47	4125204.05	60.93	1.50	60.93	
PERIOD		0.55812	ug/m^3	R_802	595204.47	4125224.05	60.85	1.50	60.85	
PERIOD		0.51626	ug/m^3	R_803	595204.47	4125244.05	60.73	1.50	60.73	
PERIOD		0.47990	ug/m^3	R_804	595204.47	4125264.05	60.63	1.50	60.63	
PERIOD		0.70991	ug/m^3	R_805	595224.47	4124484.05	65.75	1.50	796.44	
PERIOD		0.73310	ug/m^3	R_806	595224.47	4124504.05	65.56	1.50	796.44	
PERIOD		0.75737	ug/m^3	R_807	595224.47	4124524.05	65.35	1.50	796.44	
PERIOD		0.78257	ug/m^3	R_808	595224.47	4124544.05	65.22	1.50	796.44	
PERIOD		0.80881	ug/m^3	R_809	595224.47	4124564.05	65.21	1.50	65.21	
PERIOD		0.83747	ug/m^3	R_810	595224.47	4124584.05	65.04	1.50	65.04	
PERIOD		0.86837	ug/m^3	R_811	595224.47	4124604.05	64.83	1.50	64.83	
PERIOD		0.90158	ug/m^3	R_812	595224.47	4124624.05	64.63	1.50	64.63	
PERIOD		0.93740	ug/m^3	R_813	595224.47	4124644.05	64.43	1.50	64.43	
PERIOD		0.97612	ug/m^3	R_814	595224.47	4124664.05	64.24	1.50	64.24	
PERIOD		1.01823	ug/m^3	R_815	595224.47	4124684.05	64.03	1.50	64.03	
PERIOD		1.06341	ug/m^3	R_816	595224.47	4124704.05	64.00	1.50	64.00	
PERIOD		1.11314	ug/m^3	R_817	595224.47	4124724.05	63.92	1.50	63.92	
PERIOD		1.16849	ug/m^3	R_818	595224.47	4124744.05	63.73	1.50	63.73	
PERIOD		1.22987	ug/m^3	R_819	595224.47	4124764.05	63.52	1.50	63.52	
PERIOD		1.29754	ug/m^3	R_820	595224.47	4124784.05	63.40	1.50	63.40	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.37224	ug/m^3	R_821	595224.47	4124804.05	63.39	1.50	63.39	
PERIOD		1.45704	ug/m^3	R_822	595224.47	4124824.05	63.21	1.50	63.21	
PERIOD		1.55202	ug/m^3	R_823	595224.47	4124844.05	63.01	1.50	63.01	
PERIOD		1.65760	ug/m^3	R_824	595224.47	4124864.05	62.81	1.50	62.81	
PERIOD		1.77160	ug/m^3	R_825	595224.47	4124884.05	62.78	1.50	62.78	
PERIOD		1.89303	ug/m^3	R_826	595224.47	4124904.05	62.70	1.50	62.70	
PERIOD		2.01529	ug/m^3	R_827	595224.47	4124924.05	62.50	1.50	62.50	
PERIOD		2.12223	ug/m^3	R_828	595224.47	4124944.05	62.30	1.50	62.30	
PERIOD		2.18869	ug/m^3	R_829	595224.47	4124964.05	62.18	1.50	62.18	
PERIOD		2.18210	ug/m^3	R_830	595224.47	4124984.05	62.17	1.50	62.17	
PERIOD		2.07569	ug/m^3	R_831	595224.47	4125004.05	62.00	1.50	62.00	
PERIOD		1.86361	ug/m^3	R_832	595224.47	4125024.05	61.87	1.50	61.87	
PERIOD		1.58323	ug/m^3	R_833	595224.47	4125044.05	61.86	1.50	61.86	
PERIOD		1.31027	ug/m^3	R_834	595224.47	4125064.05	61.68	1.50	61.68	
PERIOD		1.08497	ug/m^3	R_835	595224.47	4125084.05	61.56	1.50	61.56	
PERIOD		0.92040	ug/m^3	R_836	595224.47	4125104.05	61.56	1.50	61.56	
PERIOD		0.80434	ug/m^3	R_837	595224.47	4125124.05	61.38	1.50	61.38	
PERIOD		0.71950	ug/m^3	R_838	595224.47	4125144.05	61.18	1.50	61.18	
PERIOD		0.65279	ug/m^3	R_839	595224.47	4125164.05	60.98	1.50	60.98	
PERIOD		0.59815	ug/m^3	R_840	595224.47	4125184.05	60.95	1.50	60.95	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.55142	ug/m^3	R_841	595224.47	4125204.05	60.87	1.50	60.87	
PERIOD		0.51054	ug/m^3	R_842	595224.47	4125224.05	60.68	1.50	60.68	
PERIOD		0.47510	ug/m^3	R_843	595224.47	4125244.05	60.65	1.50	60.65	
PERIOD		0.44387	ug/m^3	R_844	595224.47	4125264.05	60.57	1.50	60.57	
PERIOD		0.41602	ug/m^3	R_845	595224.47	4125284.05	60.37	1.50	60.37	
PERIOD		0.68689	ug/m^3	R_846	595244.47	4124484.05	65.60	1.50	796.44	
PERIOD		0.70888	ug/m^3	R_847	595244.47	4124504.05	65.54	1.50	796.44	
PERIOD		0.73236	ug/m^3	R_848	595244.47	4124524.05	65.35	1.50	796.44	
PERIOD		0.75703	ug/m^3	R_849	595244.47	4124544.05	65.17	1.50	796.44	
PERIOD		0.78303	ug/m^3	R_850	595244.47	4124564.05	65.03	1.50	65.03	
PERIOD		0.81099	ug/m^3	R_851	595244.47	4124584.05	64.83	1.50	64.83	
PERIOD		0.84090	ug/m^3	R_852	595244.47	4124604.05	64.63	1.50	64.63	
PERIOD		0.87297	ug/m^3	R_853	595244.47	4124624.05	64.43	1.50	64.43	
PERIOD		0.90700	ug/m^3	R_854	595244.47	4124644.05	64.35	1.50	64.35	
PERIOD		0.94388	ug/m^3	R_855	595244.47	4124664.05	64.24	1.50	64.24	
PERIOD		0.98421	ug/m^3	R_856	595244.47	4124684.05	64.03	1.50	64.03	
PERIOD		1.02780	ug/m^3	R_857	595244.47	4124704.05	63.88	1.50	63.88	
PERIOD		1.07515	ug/m^3	R_858	595244.47	4124724.05	63.77	1.50	63.77	
PERIOD		1.12669	ug/m^3	R_859	595244.47	4124744.05	63.71	1.50	63.71	
PERIOD		1.18392	ug/m^3	R_860	595244.47	4124764.05	63.52	1.50	63.52	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.24679	ug/m^3	R_861	595244.47	4124784.05	63.34	1.50	63.34	
PERIOD		1.31564	ug/m^3	R_862	595244.47	4124804.05	63.20	1.50	63.20	
PERIOD		1.39157	ug/m^3	R_863	595244.47	4124824.05	63.00	1.50	63.00	
PERIOD		1.47384	ug/m^3	R_864	595244.47	4124844.05	62.85	1.50	62.85	
PERIOD		1.56121	ug/m^3	R_865	595244.47	4124864.05	62.80	1.50	62.80	
PERIOD		1.65265	ug/m^3	R_866	595244.47	4124884.05	62.66	1.50	62.66	
PERIOD		1.74259	ug/m^3	R_867	595244.47	4124904.05	62.50	1.50	62.50	
PERIOD		1.82196	ug/m^3	R_868	595244.47	4124924.05	62.29	1.50	62.29	
PERIOD		1.87523	ug/m^3	R_869	595244.47	4124944.05	62.22	1.50	62.22	
PERIOD		1.88475	ug/m^3	R_870	595244.47	4124964.05	62.12	1.50	62.12	
PERIOD		1.83178	ug/m^3	R_871	595244.47	4124984.05	61.98	1.50	61.98	
PERIOD		1.70608	ug/m^3	R_872	595244.47	4125004.05	61.91	1.50	61.91	
PERIOD		1.51805	ug/m^3	R_873	595244.47	4125024.05	61.82	1.50	61.82	
PERIOD		1.30125	ug/m^3	R_874	595244.47	4125044.05	61.68	1.50	61.68	
PERIOD		1.09851	ug/m^3	R_875	595244.47	4125064.05	61.48	1.50	61.48	
PERIOD		0.93076	ug/m^3	R_876	595244.47	4125084.05	61.35	1.50	61.35	
PERIOD		0.80433	ug/m^3	R_877	595244.47	4125104.05	61.35	1.50	61.35	
PERIOD		0.71159	ug/m^3	R_878	595244.47	4125124.05	61.17	1.50	61.17	
PERIOD		0.64217	ug/m^3	R_879	595244.47	4125144.05	61.03	1.50	61.03	
PERIOD		0.58765	ug/m^3	R_880	595244.47	4125164.05	60.97	1.50	60.97	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.54219	ug/m^3	R_881	595244.47	4125184.05	60.83	1.50	60.83	
PERIOD		0.50331	ug/m^3	R_882	595244.47	4125204.05	60.72	1.50	60.72	
PERIOD		0.46927	ug/m^3	R_883	595244.47	4125224.05	60.66	1.50	60.66	
PERIOD		0.43892	ug/m^3	R_884	595244.47	4125244.05	60.53	1.50	60.53	
PERIOD		0.41190	ug/m^3	R_885	595244.47	4125264.05	60.42	1.50	60.42	
PERIOD		0.38779	ug/m^3	R_886	595244.47	4125284.05	60.36	1.50	60.36	
PERIOD		0.66552	ug/m^3	R_887	595264.47	4124484.05	65.50	1.50	796.44	
PERIOD		0.68690	ug/m^3	R_888	595264.47	4124504.05	65.43	1.50	796.44	
PERIOD		0.70964	ug/m^3	R_889	595264.47	4124524.05	65.24	1.50	796.44	
PERIOD		0.73364	ug/m^3	R_890	595264.47	4124544.05	65.04	1.50	796.44	
PERIOD		0.75911	ug/m^3	R_891	595264.47	4124564.05	64.83	1.50	64.83	
PERIOD		0.78591	ug/m^3	R_892	595264.47	4124584.05	64.70	1.50	64.70	
PERIOD		0.81464	ug/m^3	R_893	595264.47	4124604.05	64.54	1.50	64.54	
PERIOD		0.84549	ug/m^3	R_894	595264.47	4124624.05	64.34	1.50	64.34	
PERIOD		0.87821	ug/m^3	R_895	595264.47	4124644.05	64.25	1.50	64.25	
PERIOD		0.91353	ug/m^3	R_896	595264.47	4124664.05	64.12	1.50	64.12	
PERIOD		0.95191	ug/m^3	R_897	595264.47	4124684.05	63.92	1.50	63.92	
PERIOD		0.99315	ug/m^3	R_898	595264.47	4124704.05	63.78	1.50	63.78	
PERIOD		1.03771	ug/m^3	R_899	595264.47	4124724.05	63.67	1.50	63.67	
PERIOD		1.08583	ug/m^3	R_900	595264.47	4124744.05	63.60	1.50	63.60	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.13864	ug/m^3	R_901	595264.47	4124764.05	63.41	1.50	63.41	
PERIOD		1.19576	ug/m^3	R_902	595264.47	4124784.05	63.24	1.50	63.24	
PERIOD		1.25720	ug/m^3	R_903	595264.47	4124804.05	63.11	1.50	63.11	
PERIOD		1.32326	ug/m^3	R_904	595264.47	4124824.05	62.92	1.50	62.92	
PERIOD		1.39259	ug/m^3	R_905	595264.47	4124844.05	62.76	1.50	62.76	
PERIOD		1.46296	ug/m^3	R_906	595264.47	4124864.05	62.68	1.50	62.68	
PERIOD		1.53188	ug/m^3	R_907	595264.47	4124884.05	62.50	1.50	62.50	
PERIOD		1.59265	ug/m^3	R_908	595264.47	4124904.05	62.32	1.50	62.32	
PERIOD		1.63614	ug/m^3	R_909	595264.47	4124924.05	62.19	1.50	62.19	
PERIOD		1.65091	ug/m^3	R_910	595264.47	4124944.05	62.11	1.50	62.11	
PERIOD		1.62497	ug/m^3	R_911	595264.47	4124964.05	62.02	1.50	62.02	
PERIOD		1.54967	ug/m^3	R_912	595264.47	4124984.05	61.89	1.50	61.89	
PERIOD		1.42517	ug/m^3	R_913	595264.47	4125004.05	61.81	1.50	61.81	
PERIOD		1.26519	ug/m^3	R_914	595264.47	4125024.05	61.68	1.50	61.68	
PERIOD		1.09457	ug/m^3	R_915	595264.47	4125044.05	61.48	1.50	61.48	
PERIOD		0.93924	ug/m^3	R_916	595264.47	4125064.05	61.34	1.50	61.34	
PERIOD		0.81094	ug/m^3	R_917	595264.47	4125084.05	61.24	1.50	61.24	
PERIOD		0.71121	ug/m^3	R_918	595264.47	4125104.05	61.16	1.50	61.16	
PERIOD		0.63602	ug/m^3	R_919	595264.47	4125124.05	61.04	1.50	61.04	
PERIOD		0.57836	ug/m^3	R_920	595264.47	4125144.05	60.93	1.50	60.93	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.53264	ug/m^3	R_921	595264.47	4125164.05	60.85	1.50	60.85	
PERIOD		0.49455	ug/m^3	R_922	595264.47	4125184.05	60.73	1.50	60.73	
PERIOD		0.46166	ug/m^3	R_923	595264.47	4125204.05	60.63	1.50	60.63	
PERIOD		0.43276	ug/m^3	R_924	595264.47	4125224.05	60.55	1.50	60.55	
PERIOD		0.40687	ug/m^3	R_925	595264.47	4125244.05	60.43	1.50	60.43	
PERIOD		0.38351	ug/m^3	R_926	595264.47	4125264.05	60.32	1.50	60.32	
PERIOD		0.36239	ug/m^3	R_927	595264.47	4125284.05	60.24	1.50	60.24	
PERIOD		1.53468	ug/m^3	R_928	594493.04	4124844.56	68.07	1.50	68.07	
PERIOD		1.60275	ug/m^3	R_929	594493.04	4124864.56	68.07	1.50	68.07	
PERIOD		1.68369	ug/m^3	R_930	594493.04	4124884.56	68.01	1.50	68.01	
PERIOD		1.78173	ug/m^3	R_931	594493.04	4124904.56	67.92	1.50	67.92	
PERIOD		1.91012	ug/m^3	R_932	594493.04	4124924.56	67.78	1.50	67.78	
PERIOD		2.08035	ug/m^3	R_933	594493.04	4124944.56	67.71	1.50	67.71	
PERIOD		2.33407	ug/m^3	R_934	594493.04	4124964.56	67.61	1.50	67.61	
PERIOD		2.75542	ug/m^3	R_935	594493.04	4124984.56	67.48	1.50	67.48	
PERIOD		3.58638	ug/m^3	R_936	594493.04	4125004.56	67.40	1.50	67.40	
PERIOD		5.97454	ug/m^3	R_937	594493.04	4125024.56	67.31	1.50	67.31	
PERIOD		4.69281	ug/m^3	R_938	594493.04	4125044.56	67.17	1.50	67.17	
PERIOD		9.85392	ug/m^3	R_939	594493.04	4125064.56	66.98	1.50	66.98	
PERIOD		9.96555	ug/m^3	R_940	594493.04	4125084.56	66.83	1.50	66.83	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		7.78835	ug/m^3	R_941	594493.04	4125104.56	66.76	1.50	66.76	
PERIOD		6.45642	ug/m^3	R_942	594493.04	4125124.56	66.63	1.50	66.63	
PERIOD		5.56704	ug/m^3	R_943	594493.04	4125144.56	66.52	1.50	66.52	
PERIOD		4.93210	ug/m^3	R_944	594493.04	4125164.56	66.45	1.50	66.45	
PERIOD		4.45642	ug/m^3	R_945	594493.04	4125184.56	66.32	1.50	66.32	
PERIOD		1.69870	ug/m^3	R_946	594513.04	4124844.56	67.87	1.50	67.87	
PERIOD		1.77426	ug/m^3	R_947	594513.04	4124864.56	67.87	1.50	67.87	
PERIOD		1.86408	ug/m^3	R_948	594513.04	4124884.56	67.87	1.50	67.87	
PERIOD		1.98054	ug/m^3	R_949	594513.04	4124904.56	67.79	1.50	67.79	
PERIOD		2.14074	ug/m^3	R_950	594513.04	4124924.56	67.58	1.50	67.58	
PERIOD		2.36494	ug/m^3	R_951	594513.04	4124944.56	67.57	1.50	67.57	
PERIOD		2.73184	ug/m^3	R_952	594513.04	4124964.56	67.48	1.50	67.48	
PERIOD		3.42410	ug/m^3	R_953	594513.04	4124984.56	67.28	1.50	67.28	
PERIOD		4.94471	ug/m^3	R_954	594513.04	4125004.56	67.26	1.50	67.26	
PERIOD		8.99659	ug/m^3	R_955	594513.04	4125024.56	67.18	1.50	67.18	
PERIOD		8.93054	ug/m^3	R_956	594513.04	4125044.56	66.98	1.50	66.98	
PERIOD		11.78366	ug/m^3	R_957	594513.04	4125064.56	66.83	1.50	66.83	
PERIOD		10.93717	ug/m^3	R_958	594513.04	4125084.56	66.72	1.50	66.72	
PERIOD		8.42125	ug/m^3	R_959	594513.04	4125104.56	66.66	1.50	66.66	
PERIOD		6.91227	ug/m^3	R_960	594513.04	4125124.56	66.53	1.50	66.53	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		5.92047	ug/m^3	R_961	594513.04	4125144.56	66.42	1.50	66.42	
PERIOD		5.22155	ug/m^3	R_962	594513.04	4125164.56	66.35	1.50	66.35	
PERIOD		4.70493	ug/m^3	R_963	594513.04	4125184.56	66.16	1.50	66.16	
PERIOD		1.89046	ug/m^3	R_964	594533.04	4124844.56	67.67	1.50	67.67	
PERIOD		1.97584	ug/m^3	R_965	594533.04	4124864.56	67.67	1.50	67.67	
PERIOD		2.08097	ug/m^3	R_966	594533.04	4124884.56	67.67	1.50	67.67	
PERIOD		2.22326	ug/m^3	R_967	594533.04	4124904.56	67.58	1.50	67.58	
PERIOD		2.42952	ug/m^3	R_968	594533.04	4124924.56	67.38	1.50	67.38	
PERIOD		2.73611	ug/m^3	R_969	594533.04	4124944.56	67.36	1.50	67.36	
PERIOD		3.26632	ug/m^3	R_970	594533.04	4124964.56	67.28	1.50	67.28	
PERIOD		4.30510	ug/m^3	R_971	594533.04	4124984.56	67.08	1.50	67.08	
PERIOD		6.47377	ug/m^3	R_972	594533.04	4125004.56	67.06	1.50	67.06	
PERIOD		11.23251	ug/m^3	R_973	594533.04	4125024.56	66.98	1.50	66.98	
PERIOD		11.03706	ug/m^3	R_974	594533.04	4125044.56	66.77	1.50	66.77	
PERIOD		12.90056	ug/m^3	R_975	594533.04	4125064.56	66.75	1.50	66.75	
PERIOD		11.62215	ug/m^3	R_976	594533.04	4125084.56	66.67	1.50	66.67	
PERIOD		8.93230	ug/m^3	R_977	594533.04	4125104.56	66.47	1.50	66.47	
PERIOD		7.29770	ug/m^3	R_978	594533.04	4125124.56	66.45	1.50	66.45	
PERIOD		6.23936	ug/m^3	R_979	594533.04	4125144.56	66.36	1.50	66.36	
PERIOD		5.50509	ug/m^3	R_980	594533.04	4125164.56	66.16	1.50	66.16	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		4.95673	ug/m^3	R_981	594533.04	4125184.56	65.96	1.50	65.96	
PERIOD		2.11490	ug/m^3	R_982	594553.04	4124844.56	67.61	1.50	67.61	
PERIOD		2.21771	ug/m^3	R_983	594553.04	4124864.56	67.48	1.50	67.48	
PERIOD		2.34383	ug/m^3	R_984	594553.04	4124884.56	67.46	1.50	67.46	
PERIOD		2.51584	ug/m^3	R_985	594553.04	4124904.56	67.44	1.50	67.44	
PERIOD		2.77250	ug/m^3	R_986	594553.04	4124924.56	67.37	1.50	67.37	
PERIOD		3.18375	ug/m^3	R_987	594553.04	4124944.56	67.24	1.50	67.24	
PERIOD		3.89450	ug/m^3	R_988	594553.04	4124964.56	67.13	1.50	67.13	
PERIOD		5.20904	ug/m^3	R_989	594553.04	4124984.56	67.06	1.50	67.06	
PERIOD		7.75170	ug/m^3	R_990	594553.04	4125004.56	66.93	1.50	66.93	
PERIOD		12.63302	ug/m^3	R_991	594553.04	4125024.56	66.83	1.50	66.83	
PERIOD		12.19912	ug/m^3	R_992	594553.04	4125044.56	66.76	1.50	66.76	
PERIOD		13.69191	ug/m^3	R_993	594553.04	4125064.56	66.63	1.50	66.63	
PERIOD		12.21712	ug/m^3	R_994	594553.04	4125084.56	66.47	1.50	66.47	
PERIOD		9.38972	ug/m^3	R_995	594553.04	4125104.56	66.26	1.50	66.26	
PERIOD		7.67310	ug/m^3	R_996	594553.04	4125124.56	66.24	1.50	66.24	
PERIOD		6.56411	ug/m^3	R_997	594553.04	4125144.56	66.16	1.50	66.16	
PERIOD		5.79787	ug/m^3	R_998	594553.04	4125164.56	65.96	1.50	65.96	
PERIOD		5.21329	ug/m^3	R_999	594553.04	4125184.56	65.88	1.50	65.88	
PERIOD		6.05775	ug/m^3	R_1000	594573.04	4124984.56	66.96	1.50	66.96	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		8.74722	ug/m^3	R_1001	594573.04	4125004.56	66.77	1.50	66.77	
PERIOD		13.56127	ug/m^3	R_1002	594573.04	4125024.56	66.65	1.50	66.65	
PERIOD		13.01617	ug/m^3	R_1003	594573.04	4125044.56	66.65	1.50	66.65	
PERIOD		14.34553	ug/m^3	R_1004	594573.04	4125064.56	66.47	1.50	66.47	
PERIOD		12.74457	ug/m^3	R_1005	594573.04	4125084.56	66.29	1.50	66.29	
PERIOD		9.80765	ug/m^3	R_1006	594573.04	4125104.56	66.15	1.50	66.15	
PERIOD		8.04864	ug/m^3	R_1007	594573.04	4125124.56	66.08	1.50	66.08	
PERIOD		6.90701	ug/m^3	R_1008	594573.04	4125144.56	65.99	1.50	65.99	
PERIOD		6.10775	ug/m^3	R_1009	594573.04	4125164.56	65.85	1.50	65.85	
PERIOD		5.49779	ug/m^3	R_1010	594573.04	4125184.56	65.78	1.50	65.78	
PERIOD		6.83640	ug/m^3	R_1011	594593.04	4124984.56	66.75	1.50	66.75	
PERIOD		9.54703	ug/m^3	R_1012	594593.04	4125004.56	66.57	1.50	66.57	
PERIOD		14.24366	ug/m^3	R_1013	594593.04	4125024.56	66.45	1.50	66.45	
PERIOD		13.69796	ug/m^3	R_1014	594593.04	4125044.56	66.45	1.50	66.45	
PERIOD		14.95789	ug/m^3	R_1015	594593.04	4125064.56	66.26	1.50	66.26	
PERIOD		13.24954	ug/m^3	R_1016	594593.04	4125084.56	66.14	1.50	66.14	
PERIOD		10.21559	ug/m^3	R_1017	594593.04	4125104.56	66.14	1.50	66.14	
PERIOD		8.45136	ug/m^3	R_1018	594593.04	4125124.56	65.96	1.50	65.96	
PERIOD		7.29026	ug/m^3	R_1019	594593.04	4125144.56	65.84	1.50	65.84	
PERIOD		6.45565	ug/m^3	R_1020	594593.04	4125164.56	65.84	1.50	65.84	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		5.82821	ug/m^3	R_1021	594593.04	4125184.56	65.65	1.50	65.65	
PERIOD		7.55998	ug/m^3	R_1022	594613.04	4124984.56	66.55	1.50	66.55	
PERIOD		10.24067	ug/m^3	R_1023	594613.04	4125004.56	66.37	1.50	66.37	
PERIOD		14.82156	ug/m^3	R_1024	594613.04	4125024.56	66.24	1.50	66.24	
PERIOD		14.31438	ug/m^3	R_1025	594613.04	4125044.56	66.24	1.50	66.24	
PERIOD		15.50255	ug/m^3	R_1026	594613.04	4125064.56	66.18	1.50	66.18	
PERIOD		13.74986	ug/m^3	R_1027	594613.04	4125084.56	66.09	1.50	66.09	
PERIOD		10.71662	ug/m^3	R_1028	594613.04	4125104.56	65.95	1.50	65.95	
PERIOD		8.93577	ug/m^3	R_1029	594613.04	4125124.56	65.76	1.50	65.76	
PERIOD		7.75475	ug/m^3	R_1030	594613.04	4125144.56	65.63	1.50	65.63	
PERIOD		6.89337	ug/m^3	R_1031	594613.04	4125164.56	65.63	1.50	65.63	
PERIOD		6.23246	ug/m^3	R_1032	594613.04	4125184.56	65.45	1.50	65.45	
PERIOD		8.29175	ug/m^3	R_1033	594633.04	4124984.56	66.35	1.50	66.35	
PERIOD		10.91046	ug/m^3	R_1034	594633.04	4125004.56	66.22	1.50	66.22	
PERIOD		15.36468	ug/m^3	R_1035	594633.04	4125024.56	66.11	1.50	66.11	
PERIOD		14.92997	ug/m^3	R_1036	594633.04	4125044.56	66.05	1.50	66.05	
PERIOD		16.10597	ug/m^3	R_1037	594633.04	4125064.56	66.04	1.50	66.04	
PERIOD		14.36154	ug/m^3	R_1038	594633.04	4125084.56	65.96	1.50	65.96	
PERIOD		11.33612	ug/m^3	R_1039	594633.04	4125104.56	65.76	1.50	65.76	
PERIOD		9.53654	ug/m^3	R_1040	594633.04	4125124.56	65.61	1.50	65.61	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		8.33080	ug/m^3	R_1041	594633.04	4125144.56	65.50	1.50	65.50	
PERIOD		7.44338	ug/m^3	R_1042	594633.04	4125164.56	65.44	1.50	65.44	
PERIOD		6.73931	ug/m^3	R_1043	594633.04	4125184.56	65.31	1.50	65.31	
PERIOD		9.11885	ug/m^3	R_1044	594653.04	4124984.56	66.14	1.50	66.14	
PERIOD		11.64708	ug/m^3	R_1045	594653.04	4125004.56	66.14	1.50	66.14	
PERIOD		15.95601	ug/m^3	R_1046	594653.04	4125024.56	66.06	1.50	66.06	
PERIOD		15.60313	ug/m^3	R_1047	594653.04	4125044.56	65.86	1.50	65.86	
PERIOD		16.83800	ug/m^3	R_1048	594653.04	4125064.56	65.84	1.50	65.84	
PERIOD		15.19107	ug/m^3	R_1049	594653.04	4125084.56	65.76	1.50	65.76	
PERIOD		12.17741	ug/m^3	R_1050	594653.04	4125104.56	65.55	1.50	65.55	
PERIOD		10.32676	ug/m^3	R_1051	594653.04	4125124.56	65.53	1.50	65.53	
PERIOD		9.08364	ug/m^3	R_1052	594653.04	4125144.56	65.45	1.50	65.45	
PERIOD		8.17363	ug/m^3	R_1053	594653.04	4125164.56	65.25	1.50	65.25	
PERIOD		7.40858	ug/m^3	R_1054	594653.04	4125184.56	65.23	1.50	65.23	
PERIOD		10.15987	ug/m^3	R_1055	594673.04	4125144.56	65.25	1.50	65.25	
PERIOD		9.20355	ug/m^3	R_1056	594673.04	4125164.56	65.04	1.50	65.04	
PERIOD		8.37040	ug/m^3	R_1057	594673.04	4125184.56	65.03	1.50	65.03	
PERIOD		11.75931	ug/m^3	R_1058	594693.04	4125144.56	65.04	1.50	65.04	
PERIOD		10.74738	ug/m^3	R_1059	594693.04	4125164.56	64.84	1.50	64.84	
PERIOD		9.84148	ug/m^3	R_1060	594693.04	4125184.56	64.82	1.50	64.82	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		14.31459	ug/m^3	R_1061	594713.04	4125144.56	64.84	1.50	64.84	
PERIOD		13.23463	ug/m^3	R_1062	594713.04	4125164.56	64.64	1.50	64.64	
PERIOD		12.24135	ug/m^3	R_1063	594713.04	4125184.56	64.62	1.50	64.62	
PERIOD		0.26016	ug/m^3	R_1064	594170.99	4124692.59	71.27	1.50	71.27	
PERIOD		0.28203	ug/m^3	R_1065	594170.99	4124712.59	71.08	1.50	71.08	
PERIOD		0.27633	ug/m^3	R_1066	594190.99	4124692.59	71.12	1.50	71.12	
PERIOD		0.29932	ug/m^3	R_1067	594190.99	4124712.59	71.03	1.50	71.03	
PERIOD		0.32344	ug/m^3	R_1068	594190.99	4124732.59	70.92	1.50	70.92	
PERIOD		0.27071	ug/m^3	R_1069	594210.99	4124672.59	71.12	1.50	71.12	
PERIOD		0.29425	ug/m^3	R_1070	594210.99	4124692.59	71.00	1.50	71.00	
PERIOD		0.31849	ug/m^3	R_1071	594210.99	4124712.59	70.95	1.50	70.95	
PERIOD		0.34449	ug/m^3	R_1072	594210.99	4124732.59	70.82	1.50	70.82	
PERIOD		0.26514	ug/m^3	R_1073	594230.99	4124652.59	71.08	1.50	71.08	
PERIOD		0.28882	ug/m^3	R_1074	594230.99	4124672.59	71.03	1.50	71.03	
PERIOD		0.31356	ug/m^3	R_1075	594230.99	4124692.59	70.96	1.50	70.96	
PERIOD		0.34054	ug/m^3	R_1076	594230.99	4124712.59	70.77	1.50	70.77	
PERIOD		0.36777	ug/m^3	R_1077	594230.99	4124732.59	70.72	1.50	70.72	
PERIOD		0.25923	ug/m^3	R_1078	594250.99	4124632.59	71.08	1.50	71.08	
PERIOD		0.28403	ug/m^3	R_1079	594250.99	4124652.59	70.88	1.50	70.88	
PERIOD		0.30969	ug/m^3	R_1080	594250.99	4124672.59	70.84	1.50	70.84	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.33626	ug/m^3	R_1081	594250.99	4124692.59	70.78	1.50	70.78	
PERIOD		0.36580	ug/m^3	R_1082	594250.99	4124712.59	70.57	1.50	70.57	
PERIOD		0.39519	ug/m^3	R_1083	594250.99	4124732.59	70.53	1.50	70.53	
PERIOD		0.25449	ug/m^3	R_1084	594270.99	4124612.59	70.94	1.50	70.94	
PERIOD		0.27837	ug/m^3	R_1085	594270.99	4124632.59	70.88	1.50	70.88	
PERIOD		0.30547	ug/m^3	R_1086	594270.99	4124652.59	70.67	1.50	70.67	
PERIOD		0.33364	ug/m^3	R_1087	594270.99	4124672.59	70.63	1.50	70.63	
PERIOD		0.36224	ug/m^3	R_1088	594270.99	4124692.59	70.59	1.50	70.59	
PERIOD		0.39443	ug/m^3	R_1089	594270.99	4124712.59	70.44	1.50	70.44	
PERIOD		0.42541	ug/m^3	R_1090	594270.99	4124732.59	70.37	1.50	70.37	
PERIOD		0.27392	ug/m^3	R_1091	594290.99	4124612.59	70.74	1.50	70.74	
PERIOD		0.30018	ug/m^3	R_1092	594290.99	4124632.59	70.67	1.50	70.67	
PERIOD		0.33184	ug/m^3	R_1093	594290.99	4124652.59	70.47	1.50	70.47	
PERIOD		0.36159	ug/m^3	R_1094	594290.99	4124672.59	70.43	1.50	70.43	
PERIOD		0.39225	ug/m^3	R_1095	594290.99	4124692.59	70.43	1.50	70.43	
PERIOD		0.42411	ug/m^3	R_1096	594290.99	4124712.59	70.41	1.50	70.41	
PERIOD		0.45896	ug/m^3	R_1097	594290.99	4124732.59	70.26	1.50	70.26	
PERIOD		0.27043	ug/m^3	R_1098	594310.99	4124592.59	70.53	1.50	70.53	
PERIOD		0.29718	ug/m^3	R_1099	594310.99	4124612.59	70.53	1.50	70.53	
PERIOD		0.32716	ug/m^3	R_1100	594310.99	4124632.59	70.47	1.50	70.47	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.35995	ug/m^3	R_1101	594310.99	4124652.59	70.27	1.50	70.27	
PERIOD		0.39257	ug/m^3	R_1102	594310.99	4124672.59	70.23	1.50	70.23	
PERIOD		0.42593	ug/m^3	R_1103	594310.99	4124692.59	70.23	1.50	70.23	
PERIOD		0.46019	ug/m^3	R_1104	594310.99	4124712.59	70.23	1.50	70.23	
PERIOD		0.49774	ug/m^3	R_1105	594310.99	4124732.59	70.06	1.50	70.06	
PERIOD		0.26512	ug/m^3	R_1106	594330.99	4124572.59	70.33	1.50	70.33	
PERIOD		0.29272	ug/m^3	R_1107	594330.99	4124592.59	70.33	1.50	70.33	
PERIOD		0.32257	ug/m^3	R_1108	594330.99	4124612.59	70.33	1.50	70.33	
PERIOD		0.35568	ug/m^3	R_1109	594330.99	4124632.59	70.28	1.50	70.28	
PERIOD		0.39169	ug/m^3	R_1110	594330.99	4124652.59	70.13	1.50	70.13	
PERIOD		0.42730	ug/m^3	R_1111	594330.99	4124672.59	70.06	1.50	70.06	
PERIOD		0.46377	ug/m^3	R_1112	594330.99	4124692.59	70.02	1.50	70.02	
PERIOD		0.50070	ug/m^3	R_1113	594330.99	4124712.59	70.02	1.50	70.02	
PERIOD		0.54387	ug/m^3	R_1114	594330.99	4124732.59	69.90	1.50	69.90	
PERIOD		0.25976	ug/m^3	R_1115	594350.99	4124552.59	70.13	1.50	70.13	
PERIOD		0.28816	ug/m^3	R_1116	594350.99	4124572.59	70.13	1.50	70.13	
PERIOD		0.31926	ug/m^3	R_1117	594350.99	4124592.59	70.13	1.50	70.13	
PERIOD		0.35282	ug/m^3	R_1118	594350.99	4124612.59	70.13	1.50	70.13	
PERIOD		0.38852	ug/m^3	R_1119	594350.99	4124632.59	70.12	1.50	70.12	
PERIOD		0.42585	ug/m^3	R_1120	594350.99	4124652.59	70.11	1.50	70.11	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.46737	ug/m^3	R_1121	594350.99	4124672.59	69.95	1.50	69.95	
PERIOD		0.50985	ug/m^3	R_1122	594350.99	4124692.59	69.82	1.50	69.82	
PERIOD		0.54998	ug/m^3	R_1123	594350.99	4124712.59	69.82	1.50	69.82	
PERIOD		0.59021	ug/m^3	R_1124	594350.99	4124732.59	69.81	1.50	69.81	
PERIOD		0.28307	ug/m^3	R_1125	594370.99	4124552.59	69.92	1.50	69.92	
PERIOD		0.31510	ug/m^3	R_1126	594370.99	4124572.59	69.92	1.50	69.92	
PERIOD		0.35018	ug/m^3	R_1127	594370.99	4124592.59	69.92	1.50	69.92	
PERIOD		0.38796	ug/m^3	R_1128	594370.99	4124612.59	69.92	1.50	69.92	
PERIOD		0.42792	ug/m^3	R_1129	594370.99	4124632.59	69.92	1.50	69.92	
PERIOD		0.46944	ug/m^3	R_1130	594370.99	4124652.59	69.92	1.50	69.92	
PERIOD		0.51369	ug/m^3	R_1131	594370.99	4124672.59	69.76	1.50	69.76	
PERIOD		0.55882	ug/m^3	R_1132	594370.99	4124692.59	69.62	1.50	69.62	
PERIOD		0.60210	ug/m^3	R_1133	594370.99	4124712.59	69.62	1.50	69.62	
PERIOD		0.64508	ug/m^3	R_1134	594370.99	4124732.59	69.62	1.50	69.62	
PERIOD		0.68869	ug/m^3	R_1135	594370.99	4124752.59	69.56	1.50	69.56	
PERIOD		0.34496	ug/m^3	R_1136	594390.99	4124572.59	69.72	1.50	69.72	
PERIOD		0.38458	ug/m^3	R_1137	594390.99	4124592.59	69.72	1.50	69.72	
PERIOD		0.42703	ug/m^3	R_1138	594390.99	4124612.59	69.72	1.50	69.72	
PERIOD		0.47161	ug/m^3	R_1139	594390.99	4124632.59	69.72	1.50	69.72	
PERIOD		0.51755	ug/m^3	R_1140	594390.99	4124652.59	69.72	1.50	69.72	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.56573	ug/m^3	R_1141	594390.99	4124672.59	69.60	1.50	69.60	
PERIOD		0.61448	ug/m^3	R_1142	594390.99	4124692.59	69.48	1.50	69.48	
PERIOD		0.66137	ug/m^3	R_1143	594390.99	4124712.59	69.43	1.50	69.43	
PERIOD		0.70739	ug/m^3	R_1144	594390.99	4124732.59	69.41	1.50	69.41	
PERIOD		0.75281	ug/m^3	R_1145	594390.99	4124752.59	69.37	1.50	69.37	
PERIOD		0.42506	ug/m^3	R_1146	594410.99	4124592.59	69.52	1.50	69.52	
PERIOD		0.47288	ug/m^3	R_1147	594410.99	4124612.59	69.52	1.50	69.52	
PERIOD		0.52266	ug/m^3	R_1148	594410.99	4124632.59	69.52	1.50	69.52	
PERIOD		0.57347	ug/m^3	R_1149	594410.99	4124652.59	69.52	1.50	69.52	
PERIOD		0.62548	ug/m^3	R_1150	594410.99	4124672.59	69.50	1.50	69.50	
PERIOD		0.67648	ug/m^3	R_1151	594410.99	4124692.59	69.44	1.50	69.44	
PERIOD		0.72902	ug/m^3	R_1152	594410.99	4124712.59	69.25	1.50	69.25	
PERIOD		0.77814	ug/m^3	R_1153	594410.99	4124732.59	69.21	1.50	69.21	
PERIOD		0.82579	ug/m^3	R_1154	594410.99	4124752.59	69.21	1.50	69.21	
PERIOD		0.58376	ug/m^3	R_1155	594430.99	4124632.59	69.31	1.50	69.31	
PERIOD		0.63986	ug/m^3	R_1156	594430.99	4124652.59	69.31	1.50	69.31	
PERIOD		0.69555	ug/m^3	R_1157	594430.99	4124672.59	69.31	1.50	69.31	
PERIOD		0.75061	ug/m^3	R_1158	594430.99	4124692.59	69.25	1.50	69.25	
PERIOD		0.80683	ug/m^3	R_1159	594430.99	4124712.59	69.05	1.50	69.05	
PERIOD		0.86382	ug/m^3	R_1160	594430.99	4124732.59	69.01	1.50	69.01	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.91415	ug/m^3	R_1161	594430.99	4124752.59	69.01	1.50	69.01	
PERIOD		0.65498	ug/m^3	R_1162	594450.99	4124632.59	69.11	1.50	69.11	
PERIOD		0.71686	ug/m^3	R_1163	594450.99	4124652.59	69.11	1.50	69.11	
PERIOD		0.77745	ug/m^3	R_1164	594450.99	4124672.59	69.11	1.50	69.11	
PERIOD		0.83657	ug/m^3	R_1165	594450.99	4124692.59	69.06	1.50	69.06	
PERIOD		0.90019	ug/m^3	R_1166	594450.99	4124712.59	68.91	1.50	68.91	
PERIOD		0.95545	ug/m^3	R_1167	594450.99	4124732.59	68.84	1.50	68.84	
PERIOD		1.00950	ug/m^3	R_1168	594450.99	4124752.59	68.81	1.50	68.81	
PERIOD		0.94075	ug/m^3	R_1169	594470.99	4124692.59	68.90	1.50	68.90	
PERIOD		1.00100	ug/m^3	R_1170	594470.99	4124712.59	68.89	1.50	68.89	
PERIOD		1.06498	ug/m^3	R_1171	594470.99	4124732.59	68.73	1.50	68.73	
PERIOD		1.12188	ug/m^3	R_1172	594470.99	4124752.59	68.60	1.50	68.60	
PERIOD		0.76736	ug/m^3	R_1173	594329.14	4124844.95	69.36	1.50	69.36	
PERIOD		0.81254	ug/m^3	R_1174	594329.14	4124864.95	69.20	1.50	69.20	
PERIOD		0.85900	ug/m^3	R_1175	594329.14	4124884.95	69.15	1.50	69.15	
PERIOD		0.90878	ug/m^3	R_1176	594329.14	4124904.95	69.06	1.50	69.06	
PERIOD		0.96848	ug/m^3	R_1177	594329.14	4124924.95	68.90	1.50	68.90	
PERIOD		1.02565	ug/m^3	R_1178	594329.14	4124944.95	68.85	1.50	68.85	
PERIOD		1.09044	ug/m^3	R_1179	594329.14	4124964.95	68.76	1.50	68.76	
PERIOD		1.16956	ug/m^3	R_1180	594329.14	4124984.95	68.59	1.50	68.59	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.25801	ug/m^3	R_1181	594329.14	4125004.95	68.39	1.50	68.39	
PERIOD		1.35824	ug/m^3	R_1182	594329.14	4125024.95	68.26	1.50	68.26	
PERIOD		1.47701	ug/m^3	R_1183	594329.14	4125044.95	68.22	1.50	68.22	
PERIOD		1.62001	ug/m^3	R_1184	594329.14	4125064.95	68.06	1.50	68.06	
PERIOD		1.77981	ug/m^3	R_1185	594329.14	4125084.95	67.88	1.50	67.88	
PERIOD		1.94411	ug/m^3	R_1186	594329.14	4125104.95	67.68	1.50	67.68	
PERIOD		2.08615	ug/m^3	R_1187	594329.14	4125124.95	67.63	1.50	67.63	
PERIOD		2.19118	ug/m^3	R_1188	594329.14	4125144.95	67.54	1.50	67.54	
PERIOD		2.25309	ug/m^3	R_1189	594329.14	4125164.95	67.37	1.50	67.37	
PERIOD		2.27535	ug/m^3	R_1190	594329.14	4125184.95	67.17	1.50	67.17	
PERIOD		0.82572	ug/m^3	R_1191	594349.14	4124844.95	69.22	1.50	69.22	
PERIOD		0.87071	ug/m^3	R_1192	594349.14	4124864.95	69.19	1.50	69.19	
PERIOD		0.92572	ug/m^3	R_1193	594349.14	4124884.95	69.03	1.50	69.03	
PERIOD		0.98148	ug/m^3	R_1194	594349.14	4124904.95	68.91	1.50	68.91	
PERIOD		1.03782	ug/m^3	R_1195	594349.14	4124924.95	68.89	1.50	68.89	
PERIOD		1.10908	ug/m^3	R_1196	594349.14	4124944.95	68.72	1.50	68.72	
PERIOD		1.18231	ug/m^3	R_1197	594349.14	4124964.95	68.61	1.50	68.61	
PERIOD		1.26612	ug/m^3	R_1198	594349.14	4124984.95	68.58	1.50	68.58	
PERIOD		1.37190	ug/m^3	R_1199	594349.14	4125004.95	68.39	1.50	68.39	
PERIOD		1.49666	ug/m^3	R_1200	594349.14	4125024.95	68.20	1.50	68.20	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.65126	ug/m^3	R_1201	594349.14	4125044.95	68.02	1.50	68.02	
PERIOD		1.83186	ug/m^3	R_1202	594349.14	4125064.95	67.99	1.50	67.99	
PERIOD		2.03353	ug/m^3	R_1203	594349.14	4125084.95	67.88	1.50	67.88	
PERIOD		2.23272	ug/m^3	R_1204	594349.14	4125104.95	67.68	1.50	67.68	
PERIOD		2.39032	ug/m^3	R_1205	594349.14	4125124.95	67.50	1.50	67.50	
PERIOD		2.48446	ug/m^3	R_1206	594349.14	4125144.95	67.39	1.50	67.39	
PERIOD		2.51748	ug/m^3	R_1207	594349.14	4125164.95	67.36	1.50	67.36	
PERIOD		2.50873	ug/m^3	R_1208	594349.14	4125184.95	67.17	1.50	67.17	
PERIOD		0.88949	ug/m^3	R_1209	594369.14	4124844.95	69.14	1.50	69.14	
PERIOD		0.93866	ug/m^3	R_1210	594369.14	4124864.95	69.04	1.50	69.04	
PERIOD		0.99740	ug/m^3	R_1211	594369.14	4124884.95	68.94	1.50	68.94	
PERIOD		1.05332	ug/m^3	R_1212	594369.14	4124904.95	68.84	1.50	68.84	
PERIOD		1.12228	ug/m^3	R_1213	594369.14	4124924.95	68.73	1.50	68.73	
PERIOD		1.19640	ug/m^3	R_1214	594369.14	4124944.95	68.53	1.50	68.53	
PERIOD		1.28195	ug/m^3	R_1215	594369.14	4124964.95	68.42	1.50	68.42	
PERIOD		1.38111	ug/m^3	R_1216	594369.14	4124984.95	68.42	1.50	68.42	
PERIOD		1.50849	ug/m^3	R_1217	594369.14	4125004.95	68.23	1.50	68.23	
PERIOD		1.66742	ug/m^3	R_1218	594369.14	4125024.95	68.07	1.50	68.07	
PERIOD		1.86735	ug/m^3	R_1219	594369.14	4125044.95	67.98	1.50	67.98	
PERIOD		2.11265	ug/m^3	R_1220	594369.14	4125064.95	67.87	1.50	67.87	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.37811	ug/m^3	R_1221	594369.14	4125084.95	67.72	1.50	67.72	
PERIOD		2.61482	ug/m^3	R_1222	594369.14	4125104.95	67.52	1.50	67.52	
PERIOD		2.76704	ug/m^3	R_1223	594369.14	4125124.95	67.42	1.50	67.42	
PERIOD		2.82739	ug/m^3	R_1224	594369.14	4125144.95	67.31	1.50	67.31	
PERIOD		2.81761	ug/m^3	R_1225	594369.14	4125164.95	67.21	1.50	67.21	
PERIOD		2.76476	ug/m^3	R_1226	594369.14	4125184.95	67.01	1.50	67.01	
PERIOD		0.96094	ug/m^3	R_1227	594389.14	4124844.95	69.04	1.50	69.04	
PERIOD		1.01981	ug/m^3	R_1228	594389.14	4124864.95	68.84	1.50	68.84	
PERIOD		1.07431	ug/m^3	R_1229	594389.14	4124884.95	68.82	1.50	68.82	
PERIOD		1.13956	ug/m^3	R_1230	594389.14	4124904.95	68.74	1.50	68.74	
PERIOD		1.21075	ug/m^3	R_1231	594389.14	4124924.95	68.53	1.50	68.53	
PERIOD		1.29276	ug/m^3	R_1232	594389.14	4124944.95	68.37	1.50	68.37	
PERIOD		1.39014	ug/m^3	R_1233	594389.14	4124964.95	68.26	1.50	68.26	
PERIOD		1.51108	ug/m^3	R_1234	594389.14	4124984.95	68.22	1.50	68.22	
PERIOD		1.67058	ug/m^3	R_1235	594389.14	4125004.95	68.06	1.50	68.06	
PERIOD		1.87956	ug/m^3	R_1236	594389.14	4125024.95	67.95	1.50	67.95	
PERIOD		2.15360	ug/m^3	R_1237	594389.14	4125044.95	67.91	1.50	67.91	
PERIOD		2.50199	ug/m^3	R_1238	594389.14	4125064.95	67.72	1.50	67.72	
PERIOD		2.85718	ug/m^3	R_1239	594389.14	4125084.95	67.54	1.50	67.54	
PERIOD		3.11934	ug/m^3	R_1240	594389.14	4125104.95	67.37	1.50	67.37	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.23059	ug/m^3	R_1241	594389.14	4125124.95	67.32	1.50	67.32	
PERIOD		3.22332	ug/m^3	R_1242	594389.14	4125144.95	67.23	1.50	67.23	
PERIOD		3.14626	ug/m^3	R_1243	594389.14	4125164.95	67.07	1.50	67.07	
PERIOD		3.03642	ug/m^3	R_1244	594389.14	4125184.95	66.87	1.50	66.87	
PERIOD		1.04844	ug/m^3	R_1245	594409.14	4124844.95	68.84	1.50	68.84	
PERIOD		1.10899	ug/m^3	R_1246	594409.14	4124864.95	68.64	1.50	68.64	
PERIOD		1.16574	ug/m^3	R_1247	594409.14	4124884.95	68.62	1.50	68.62	
PERIOD		1.23192	ug/m^3	R_1248	594409.14	4124904.95	68.53	1.50	68.53	
PERIOD		1.31001	ug/m^3	R_1249	594409.14	4124924.95	68.33	1.50	68.33	
PERIOD		1.39801	ug/m^3	R_1250	594409.14	4124944.95	68.29	1.50	68.29	
PERIOD		1.50995	ug/m^3	R_1251	594409.14	4124964.95	68.20	1.50	68.20	
PERIOD		1.65999	ug/m^3	R_1252	594409.14	4124984.95	68.02	1.50	68.02	
PERIOD		1.86102	ug/m^3	R_1253	594409.14	4125004.95	67.99	1.50	67.99	
PERIOD		2.14889	ug/m^3	R_1254	594409.14	4125024.95	67.90	1.50	67.90	
PERIOD		2.56296	ug/m^3	R_1255	594409.14	4125044.95	67.72	1.50	67.72	
PERIOD		3.08551	ug/m^3	R_1256	594409.14	4125064.95	67.52	1.50	67.52	
PERIOD		3.54973	ug/m^3	R_1257	594409.14	4125084.95	67.39	1.50	67.39	
PERIOD		3.78108	ug/m^3	R_1258	594409.14	4125104.95	67.36	1.50	67.36	
PERIOD		3.78843	ug/m^3	R_1259	594409.14	4125124.95	67.20	1.50	67.20	
PERIOD		3.66580	ug/m^3	R_1260	594409.14	4125144.95	67.09	1.50	67.09	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.49093	ug/m^3	R_1261	594409.14	4125164.95	67.06	1.50	67.06	
PERIOD		3.31232	ug/m^3	R_1262	594409.14	4125184.95	66.87	1.50	66.87	
PERIOD		1.14510	ug/m^3	R_1263	594429.14	4124844.95	68.68	1.50	68.68	
PERIOD		1.20068	ug/m^3	R_1264	594429.14	4124864.95	68.59	1.50	68.59	
PERIOD		1.26409	ug/m^3	R_1265	594429.14	4124884.95	68.48	1.50	68.48	
PERIOD		1.33515	ug/m^3	R_1266	594429.14	4124904.95	68.38	1.50	68.38	
PERIOD		1.41719	ug/m^3	R_1267	594429.14	4124924.95	68.28	1.50	68.28	
PERIOD		1.51719	ug/m^3	R_1268	594429.14	4124944.95	68.18	1.50	68.18	
PERIOD		1.64917	ug/m^3	R_1269	594429.14	4124964.95	68.03	1.50	68.03	
PERIOD		1.83319	ug/m^3	R_1270	594429.14	4124984.95	67.82	1.50	67.82	
PERIOD		2.09445	ug/m^3	R_1271	594429.14	4125004.95	67.81	1.50	67.81	
PERIOD		2.51480	ug/m^3	R_1272	594429.14	4125024.95	67.72	1.50	67.72	
PERIOD		3.19251	ug/m^3	R_1273	594429.14	4125044.95	67.52	1.50	67.52	
PERIOD		4.02970	ug/m^3	R_1274	594429.14	4125064.95	67.42	1.50	67.42	
PERIOD		4.57773	ug/m^3	R_1275	594429.14	4125084.95	67.31	1.50	67.31	
PERIOD		4.63772	ug/m^3	R_1276	594429.14	4125104.95	67.21	1.50	67.21	
PERIOD		4.42251	ug/m^3	R_1277	594429.14	4125124.95	67.11	1.50	67.11	
PERIOD		4.13351	ug/m^3	R_1278	594429.14	4125144.95	67.01	1.50	67.01	
PERIOD		3.85047	ug/m^3	R_1279	594429.14	4125164.95	66.90	1.50	66.90	
PERIOD		3.59523	ug/m^3	R_1280	594429.14	4125184.95	66.71	1.50	66.71	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.24919	ug/m^3	R_1281	594449.14	4124844.95	68.52	1.50	68.52	
PERIOD		1.30679	ug/m^3	R_1282	594449.14	4124864.95	68.52	1.50	68.52	
PERIOD		1.37659	ug/m^3	R_1283	594449.14	4124884.95	68.33	1.50	68.33	
PERIOD		1.45320	ug/m^3	R_1284	594449.14	4124904.95	68.21	1.50	68.21	
PERIOD		1.54153	ug/m^3	R_1285	594449.14	4124924.95	68.21	1.50	68.21	
PERIOD		1.65862	ug/m^3	R_1286	594449.14	4124944.95	68.03	1.50	68.03	
PERIOD		1.81461	ug/m^3	R_1287	594449.14	4124964.95	67.84	1.50	67.84	
PERIOD		2.03024	ug/m^3	R_1288	594449.14	4124984.95	67.68	1.50	67.68	
PERIOD		2.37157	ug/m^3	R_1289	594449.14	4125004.95	67.63	1.50	67.63	
PERIOD		3.01393	ug/m^3	R_1290	594449.14	4125024.95	67.54	1.50	67.54	
PERIOD		4.29522	ug/m^3	R_1291	594449.14	4125044.95	67.37	1.50	67.37	
PERIOD		5.72604	ug/m^3	R_1292	594449.14	4125064.95	67.32	1.50	67.32	
PERIOD		6.07234	ug/m^3	R_1293	594449.14	4125084.95	67.21	1.50	67.21	
PERIOD		5.65623	ug/m^3	R_1294	594449.14	4125104.95	67.01	1.50	67.01	
PERIOD		5.09650	ug/m^3	R_1295	594449.14	4125124.95	67.00	1.50	67.00	
PERIOD		4.60730	ug/m^3	R_1296	594449.14	4125144.95	66.91	1.50	66.91	
PERIOD		4.20750	ug/m^3	R_1297	594449.14	4125164.95	66.71	1.50	66.71	
PERIOD		3.87560	ug/m^3	R_1298	594449.14	4125184.95	66.54	1.50	66.54	
PERIOD		1.36898	ug/m^3	R_1299	594469.14	4124844.95	68.32	1.50	68.32	
PERIOD		1.43068	ug/m^3	R_1300	594469.14	4124864.95	68.32	1.50	68.32	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: OFF-EXHA

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.50673	ug/m^3	R_1301	594469.14	4124884.95	68.13	1.50	68.13	
PERIOD		1.59203	ug/m^3	R_1302	594469.14	4124904.95	68.01	1.50	68.01	
PERIOD		1.69270	ug/m^3	R_1303	594469.14	4124924.95	68.01	1.50	68.01	
PERIOD		1.83012	ug/m^3	R_1304	594469.14	4124944.95	67.82	1.50	67.82	
PERIOD		2.01307	ug/m^3	R_1305	594469.14	4124964.95	67.69	1.50	67.69	
PERIOD		2.28097	ug/m^3	R_1306	594469.14	4124984.95	67.67	1.50	67.67	
PERIOD		2.73429	ug/m^3	R_1307	594469.14	4125004.95	67.50	1.50	67.50	
PERIOD		3.67814	ug/m^3	R_1308	594469.14	4125024.95	67.39	1.50	67.39	
PERIOD		6.67684	ug/m^3	R_1309	594469.14	4125044.95	67.36	1.50	67.36	
PERIOD		8.89007	ug/m^3	R_1310	594469.14	4125064.95	67.20	1.50	67.20	
PERIOD		7.95664	ug/m^3	R_1311	594469.14	4125084.95	67.01	1.50	67.01	
PERIOD		6.71415	ug/m^3	R_1312	594469.14	4125104.95	66.81	1.50	66.81	
PERIOD		5.75961	ug/m^3	R_1313	594469.14	4125124.95	66.79	1.50	66.79	
PERIOD		5.06551	ug/m^3	R_1314	594469.14	4125144.95	66.71	1.50	66.71	
PERIOD		4.55205	ug/m^3	R_1315	594469.14	4125164.95	66.50	1.50	66.50	
PERIOD		4.14259	ug/m^3	R_1316	594469.14	4125184.95	66.46	1.50	66.46	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.86107	ug/m^3	W_001	594765.48	4125033.18	64.83	1.50	64.83	
PERIOD		2.45541	ug/m^3	W_002	594783.72	4125031.76	64.71	1.50	64.71	
PERIOD		2.14627	ug/m^3	W_003	594794.04	4125034.59	64.65	1.50	64.65	
PERIOD		3.82787	ug/m^3	W_004	594773.25	4125005.89	64.92	1.50	64.92	
PERIOD		5.18027	ug/m^3	W_005	594773.40	4124986.94	64.92	1.50	64.92	
PERIOD		4.66704	ug/m^3	W_006	594699.48	4125024.67	65.59	1.50	65.59	
PERIOD		7.05669	ug/m^3	W_007	594716.11	4124993.36	65.50	1.50	65.50	
PERIOD		2.67532	ug/m^3	W_008	594679.69	4125079.16	65.54	1.50	65.54	
PERIOD		2.07117	ug/m^3	W_009	594679.69	4125108.03	65.26	1.50	65.26	
PERIOD		1.77160	ug/m^3	W_010	594704.81	4125117.40	65.01	1.50	65.01	
PERIOD		1.14405	ug/m^3	W_011	594785.47	4125113.91	64.28	1.50	64.28	
PERIOD		1.31066	ug/m^3	W_012	594786.28	4125095.49	64.38	1.50	64.38	
PERIOD		0.76938	ug/m^3	W_013	594765.15	4125191.10	64.09	1.50	64.09	
PERIOD		0.05931	ug/m^3	W_014	594413.88	4124529.10	69.49	1.50	796.44	
PERIOD		0.06525	ug/m^3	W_015	594413.88	4124549.10	69.49	1.50	69.49	
PERIOD		0.06768	ug/m^3	W_016	594433.88	4124549.10	69.41	1.50	69.41	
PERIOD		0.07546	ug/m^3	W_017	594433.88	4124569.10	69.28	1.50	69.28	
PERIOD		0.07831	ug/m^3	W_018	594453.88	4124569.10	69.18	1.50	69.18	
PERIOD		0.08847	ug/m^3	W_019	594453.88	4124589.10	69.11	1.50	69.11	
PERIOD		0.08214	ug/m^3	W_020	594473.88	4124569.10	69.16	1.50	69.16	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.09191	ug/m^3	W_021	594473.88	4124589.10	68.96	1.50	68.96	
PERIOD		0.08722	ug/m^3	W_022	594493.88	4124569.10	68.97	1.50	68.97	
PERIOD		0.09643	ug/m^3	W_023	594493.88	4124589.10	68.91	1.50	68.91	
PERIOD		0.08640	ug/m^3	W_024	594513.88	4124549.10	68.78	1.50	796.44	
PERIOD		0.09327	ug/m^3	W_025	594513.88	4124569.10	68.78	1.50	68.78	
PERIOD		0.09249	ug/m^3	W_026	594533.88	4124549.10	68.57	1.50	796.44	
PERIOD		0.10006	ug/m^3	W_027	594533.88	4124569.10	68.57	1.50	68.57	
PERIOD		0.09842	ug/m^3	W_028	594553.88	4124549.10	68.37	1.50	796.44	
PERIOD		0.10731	ug/m^3	W_029	594553.88	4124569.10	68.37	1.50	68.37	
PERIOD		0.10378	ug/m^3	W_030	594573.88	4124549.10	68.23	1.50	796.44	
PERIOD		0.11458	ug/m^3	W_031	594573.88	4124569.10	68.17	1.50	68.17	
PERIOD		0.10860	ug/m^3	W_032	594593.88	4124549.10	68.14	1.50	796.44	
PERIOD		0.12158	ug/m^3	W_033	594593.88	4124569.10	67.96	1.50	67.96	
PERIOD		0.11363	ug/m^3	W_034	594613.88	4124549.10	67.94	1.50	796.44	
PERIOD		0.12840	ug/m^3	W_035	594613.88	4124569.10	67.76	1.50	67.76	
PERIOD		0.14512	ug/m^3	W_036	594613.88	4124589.10	67.76	1.50	67.76	
PERIOD		0.12006	ug/m^3	W_037	594633.88	4124549.10	67.78	1.50	796.44	
PERIOD		0.13583	ug/m^3	W_038	594633.88	4124569.10	67.66	1.50	67.66	
PERIOD		0.15488	ug/m^3	W_039	594633.88	4124589.10	67.58	1.50	67.58	
PERIOD		0.12912	ug/m^3	W_040	594653.88	4124549.10	67.66	1.50	796.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.14535	ug/m^3	W_041	594653.88	4124569.10	67.63	1.50	67.63	
PERIOD		0.16610	ug/m^3	W_042	594653.88	4124589.10	67.43	1.50	67.43	
PERIOD		0.14073	ug/m^3	W_043	594673.88	4124549.10	67.58	1.50	796.44	
PERIOD		0.15833	ug/m^3	W_044	594673.88	4124569.10	67.43	1.50	67.43	
PERIOD		0.18058	ug/m^3	W_045	594673.88	4124589.10	67.23	1.50	67.23	
PERIOD		0.15349	ug/m^3	W_046	594693.88	4124549.10	67.47	1.50	796.44	
PERIOD		0.17360	ug/m^3	W_047	594693.88	4124569.10	67.33	1.50	67.33	
PERIOD		0.19862	ug/m^3	W_048	594693.88	4124589.10	67.13	1.50	67.13	
PERIOD		0.10369	ug/m^3	W_049	594713.88	4124469.10	67.96	1.50	796.44	
PERIOD		0.11548	ug/m^3	W_050	594713.88	4124489.10	67.84	1.50	796.44	
PERIOD		0.12942	ug/m^3	W_051	594713.88	4124509.10	67.64	1.50	796.44	
PERIOD		0.07978	ug/m^3	W_052	594580.48	4124497.15	68.40	1.50	796.44	
PERIOD		0.07431	ug/m^3	W_053	594580.80	4124483.13	68.40	1.50	796.44	
PERIOD		1.01587	ug/m^3	W_054	594579.60	4124792.04	67.50	1.50	67.50	
PERIOD		1.28850	ug/m^3	W_055	594579.60	4124812.04	67.50	1.50	67.50	
PERIOD		1.19502	ug/m^3	W_056	594599.60	4124792.04	67.30	1.50	67.30	
PERIOD		1.56774	ug/m^3	W_057	594599.60	4124812.04	67.28	1.50	67.28	
PERIOD		1.43592	ug/m^3	W_058	594619.60	4124792.04	67.09	1.50	67.09	
PERIOD		1.96406	ug/m^3	W_059	594619.60	4124812.04	67.04	1.50	67.04	
PERIOD		1.77724	ug/m^3	W_060	594639.60	4124792.04	66.89	1.50	66.89	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.55835	ug/m^3	W_061	594639.60	4124812.04	66.83	1.50	66.83	
PERIOD		3.68401	ug/m^3	W_062	594639.60	4124832.04	66.63	1.50	66.63	
PERIOD		4.98282	ug/m^3	W_063	594639.60	4124852.04	66.58	1.50	66.58	
PERIOD		6.19525	ug/m^3	W_064	594639.60	4124872.04	66.58	1.50	66.58	
PERIOD		2.29663	ug/m^3	W_065	594659.60	4124792.04	66.65	1.50	66.65	
PERIOD		3.51731	ug/m^3	W_066	594659.60	4124812.04	66.58	1.50	66.58	
PERIOD		5.21125	ug/m^3	W_067	594659.60	4124832.04	66.42	1.50	66.42	
PERIOD		6.96938	ug/m^3	W_068	594659.60	4124852.04	66.38	1.50	66.38	
PERIOD		8.39419	ug/m^3	W_069	594659.60	4124872.04	66.38	1.50	66.38	
PERIOD		3.17087	ug/m^3	W_070	594679.60	4124792.04	66.34	1.50	66.34	
PERIOD		5.20508	ug/m^3	W_071	594679.60	4124812.04	66.21	1.50	66.21	
PERIOD		7.73782	ug/m^3	W_072	594679.60	4124832.04	66.18	1.50	66.18	
PERIOD		9.96813	ug/m^3	W_073	594679.60	4124852.04	66.18	1.50	66.18	
PERIOD		11.48899	ug/m^3	W_074	594679.60	4124872.04	66.18	1.50	66.18	
PERIOD		4.83429	ug/m^3	W_075	594699.60	4124792.04	66.12	1.50	66.12	
PERIOD		8.41968	ug/m^3	W_076	594699.60	4124812.04	65.97	1.50	65.97	
PERIOD		11.98341	ug/m^3	W_077	594699.60	4124832.04	65.97	1.50	65.97	
PERIOD		14.49499	ug/m^3	W_078	594699.60	4124852.04	65.97	1.50	65.97	
PERIOD		16.00732	ug/m^3	W_079	594699.60	4124872.04	65.94	1.50	65.94	
PERIOD		8.74919	ug/m^3	W_080	594719.60	4124792.04	65.92	1.50	65.92	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		14.91969	ug/m^3	W_081	594719.60	4124812.04	65.77	1.50	65.77	
PERIOD		19.21202	ug/m^3	W_082	594719.60	4124832.04	65.77	1.50	65.77	
PERIOD		21.86897	ug/m^3	W_083	594719.60	4124852.04	65.77	1.50	65.77	
PERIOD		23.66578	ug/m^3	W_084	594719.60	4124872.04	65.73	1.50	65.73	
PERIOD		0.25124	ug/m^3	W_085	594308.10	4124780.25	69.93	1.50	69.93	
PERIOD		0.17317	ug/m^3	W_086	594170.89	4124787.21	70.63	1.50	70.63	
PERIOD		4.04065	ug/m^3	PS_001	594587.24	4124904.99	67.12	1.50	67.12	
PERIOD		5.65387	ug/m^3	PS_002	594607.24	4124924.99	66.91	1.50	66.91	
PERIOD		6.00073	ug/m^3	PS_003	594607.24	4124944.99	66.72	1.50	66.72	
PERIOD		7.03249	ug/m^3	PS_004	594627.24	4124924.99	66.67	1.50	66.67	
PERIOD		7.27123	ug/m^3	PS_005	594627.24	4124944.99	66.51	1.50	66.51	
PERIOD		8.79068	ug/m^3	PS_006	594647.24	4124924.99	66.27	1.50	66.27	
PERIOD		8.83787	ug/m^3	PS_007	594647.24	4124944.99	66.22	1.50	66.22	
PERIOD		11.07910	ug/m^3	PS_008	594667.24	4124924.99	66.01	1.50	66.01	
PERIOD		10.81355	ug/m^3	PS_009	594667.24	4124944.99	66.00	1.50	66.00	
PERIOD		14.35104	ug/m^3	PS_010	594687.24	4124924.99	65.81	1.50	65.81	
PERIOD		13.31465	ug/m^3	PS_011	594687.24	4124944.99	65.80	1.50	65.80	
PERIOD		19.47725	ug/m^3	PS_012	594707.24	4124924.99	65.59	1.50	65.59	
PERIOD		16.12925	ug/m^3	PS_013	594707.24	4124944.99	65.59	1.50	65.59	
PERIOD		27.06789	ug/m^3	PS_014	594727.24	4124924.99	65.40	1.50	65.40	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		18.18965	ug/m^3	PS_015	594727.24	4124944.99	65.39	1.50	65.39	
PERIOD		44.43386	ug/m^3	PS_016	594835.50	4124785.91	65.44	1.50	65.44	
PERIOD		45.23677	ug/m^3	PS_017	594835.50	4124805.91	65.23	1.50	65.23	
PERIOD		43.92150	ug/m^3	PS_018	594835.50	4124825.91	65.21	1.50	65.21	
PERIOD		40.94460	ug/m^3	PS_019	594835.50	4124845.91	65.12	1.50	65.12	
PERIOD		36.26656	ug/m^3	PS_020	594835.50	4124865.91	64.93	1.50	64.93	
PERIOD		25.12180	ug/m^3	PS_021	594835.50	4124885.91	64.91	1.50	64.91	
PERIOD		10.76430	ug/m^3	PS_022	594835.50	4124905.91	64.81	1.50	64.81	
PERIOD		25.92079	ug/m^3	PS_023	594855.50	4124785.91	65.44	1.50	65.44	
PERIOD		25.97363	ug/m^3	PS_024	594855.50	4124805.91	65.23	1.50	65.23	
PERIOD		25.43213	ug/m^3	PS_025	594855.50	4124825.91	65.08	1.50	65.08	
PERIOD		23.57558	ug/m^3	PS_026	594855.50	4124845.91	64.98	1.50	64.98	
PERIOD		18.78283	ug/m^3	PS_027	594855.50	4124865.91	64.92	1.50	64.92	
PERIOD		11.26257	ug/m^3	PS_028	594855.50	4124885.91	64.78	1.50	64.78	
PERIOD		6.08910	ug/m^3	PS_029	594855.50	4124905.91	64.67	1.50	64.67	
PERIOD		17.80342	ug/m^3	PS_030	594875.50	4124785.91	65.35	1.50	65.35	
PERIOD		17.90564	ug/m^3	PS_031	594875.50	4124805.91	65.23	1.50	65.23	
PERIOD		17.19664	ug/m^3	PS_032	594875.50	4124825.91	65.03	1.50	65.03	
PERIOD		14.78975	ug/m^3	PS_033	594875.50	4124845.91	64.88	1.50	64.88	
PERIOD		10.62266	ug/m^3	PS_034	594875.50	4124865.91	64.80	1.50	64.80	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		6.44277	ug/m^3	PS_035	594875.50	4124885.91	64.68	1.50	64.68	
PERIOD		4.05768	ug/m^3	PS_036	594875.50	4124905.91	64.58	1.50	64.58	
PERIOD		13.37440	ug/m^3	PS_037	594895.50	4124785.91	65.22	1.50	65.22	
PERIOD		13.05936	ug/m^3	PS_038	594895.50	4124805.91	65.20	1.50	65.20	
PERIOD		11.83230	ug/m^3	PS_039	594895.50	4124825.91	65.02	1.50	65.02	
PERIOD		9.47705	ug/m^3	PS_040	594895.50	4124845.91	64.83	1.50	64.83	
PERIOD		6.59993	ug/m^3	PS_041	594895.50	4124865.91	64.62	1.50	64.62	
PERIOD		4.27118	ug/m^3	PS_042	594895.50	4124885.91	64.60	1.50	64.60	
PERIOD		2.97265	ug/m^3	PS_043	594895.50	4124905.91	64.51	1.50	64.51	
PERIOD		10.28479	ug/m^3	PS_044	594915.50	4124785.91	65.16	1.50	65.16	
PERIOD		9.61728	ug/m^3	PS_045	594915.50	4124805.91	65.00	1.50	65.00	
PERIOD		8.20852	ug/m^3	PS_046	594915.50	4124825.91	64.95	1.50	64.95	
PERIOD		6.29477	ug/m^3	PS_047	594915.50	4124845.91	64.83	1.50	64.83	
PERIOD		4.43108	ug/m^3	PS_048	594915.50	4124865.91	64.62	1.50	64.62	
PERIOD		3.08813	ug/m^3	PS_049	594915.50	4124885.91	64.47	1.50	64.47	
PERIOD		2.30296	ug/m^3	PS_050	594915.50	4124905.91	64.37	1.50	64.37	
PERIOD		7.92846	ug/m^3	PS_051	594935.50	4124785.91	65.05	1.50	65.05	
PERIOD		7.07775	ug/m^3	PS_052	594935.50	4124805.91	64.93	1.50	64.93	
PERIOD		5.79598	ug/m^3	PS_053	594935.50	4124825.91	64.84	1.50	64.84	
PERIOD		4.37688	ug/m^3	PS_054	594935.50	4124845.91	64.74	1.50	64.74	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.17002	ug/m^3	PS_055	594935.50	4124865.91	64.62	1.50	64.62	
PERIOD		2.34957	ug/m^3	PS_056	594935.50	4124885.91	64.42	1.50	64.42	
PERIOD		1.84406	ug/m^3	PS_057	594935.50	4124905.91	64.27	1.50	64.27	
PERIOD		6.10865	ug/m^3	PS_058	594955.50	4124785.91	64.91	1.50	64.91	
PERIOD		5.24163	ug/m^3	PS_059	594955.50	4124805.91	64.90	1.50	64.90	
PERIOD		4.19375	ug/m^3	PS_060	594955.50	4124825.91	64.72	1.50	64.72	
PERIOD		3.17917	ug/m^3	PS_061	594955.50	4124845.91	64.61	1.50	64.61	
PERIOD		2.38102	ug/m^3	PS_062	594955.50	4124865.91	64.59	1.50	64.59	
PERIOD		1.85182	ug/m^3	PS_063	594955.50	4124885.91	64.41	1.50	64.41	
PERIOD		1.51117	ug/m^3	PS_064	594955.50	4124905.91	64.22	1.50	64.22	
PERIOD		4.71004	ug/m^3	PS_065	594975.50	4124785.91	64.85	1.50	64.85	
PERIOD		3.94222	ug/m^3	PS_066	594975.50	4124805.91	64.70	1.50	64.70	
PERIOD		3.11630	ug/m^3	PS_067	594975.50	4124825.91	64.64	1.50	64.64	
PERIOD		2.39559	ug/m^3	PS_068	594975.50	4124845.91	64.55	1.50	64.55	
PERIOD		1.86153	ug/m^3	PS_069	594975.50	4124865.91	64.39	1.50	64.39	
PERIOD		1.49959	ug/m^3	PS_070	594975.50	4124885.91	64.34	1.50	64.34	
PERIOD		1.25975	ug/m^3	PS_071	594975.50	4124905.91	64.22	1.50	64.22	
PERIOD		3.65599	ug/m^3	PS_072	594995.50	4124785.91	64.74	1.50	64.74	
PERIOD		3.00835	ug/m^3	PS_073	594995.50	4124805.91	64.62	1.50	64.62	
PERIOD		2.38048	ug/m^3	PS_074	594995.50	4124825.91	64.54	1.50	64.54	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.86617	ug/m^3	PS_075	594995.50	4124845.91	64.44	1.50	64.44	
PERIOD		1.49299	ug/m^3	PS_076	594995.50	4124865.91	64.32	1.50	64.32	
PERIOD		1.23823	ug/m^3	PS_077	594995.50	4124885.91	64.23	1.50	64.23	
PERIOD		1.06435	ug/m^3	PS_078	594995.50	4124905.91	64.09	1.50	64.09	
PERIOD		0.13155	ug/m^3	PS_079	594491.23	4124632.57	68.70	1.50	68.70	
PERIOD		0.15883	ug/m^3	PS_080	594491.23	4124652.57	68.70	1.50	68.70	
PERIOD		0.19465	ug/m^3	PS_081	594491.23	4124672.57	68.70	1.50	68.70	
PERIOD		0.23906	ug/m^3	PS_082	594491.23	4124692.57	68.70	1.50	68.70	
PERIOD		0.29166	ug/m^3	PS_083	594491.23	4124712.57	68.70	1.50	68.70	
PERIOD		0.35259	ug/m^3	PS_084	594491.23	4124732.57	68.54	1.50	68.54	
PERIOD		0.42129	ug/m^3	PS_085	594491.23	4124752.57	68.40	1.50	68.40	
PERIOD		0.11693	ug/m^3	PS_086	594511.23	4124612.57	68.64	1.50	68.64	
PERIOD		0.13637	ug/m^3	PS_087	594511.23	4124632.57	68.50	1.50	68.50	
PERIOD		0.16381	ug/m^3	PS_088	594511.23	4124652.57	68.50	1.50	68.50	
PERIOD		0.20134	ug/m^3	PS_089	594511.23	4124672.57	68.50	1.50	68.50	
PERIOD		0.24969	ug/m^3	PS_090	594511.23	4124692.57	68.50	1.50	68.50	
PERIOD		0.30865	ug/m^3	PS_091	594511.23	4124712.57	68.50	1.50	68.50	
PERIOD		0.37835	ug/m^3	PS_092	594511.23	4124732.57	68.33	1.50	68.33	
PERIOD		0.45841	ug/m^3	PS_093	594511.23	4124752.57	68.19	1.50	68.19	
PERIOD		0.12379	ug/m^3	PS_094	594531.23	4124612.57	68.44	1.50	68.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.14295	ug/m^3	PS_095	594531.23	4124632.57	68.29	1.50	68.29	
PERIOD		0.17037	ug/m^3	PS_096	594531.23	4124652.57	68.29	1.50	68.29	
PERIOD		0.20918	ug/m^3	PS_097	594531.23	4124672.57	68.29	1.50	68.29	
PERIOD		0.26137	ug/m^3	PS_098	594531.23	4124692.57	68.29	1.50	68.29	
PERIOD		0.32732	ug/m^3	PS_099	594531.23	4124712.57	68.29	1.50	68.29	
PERIOD		0.40727	ug/m^3	PS_100	594531.23	4124732.57	68.13	1.50	68.13	
PERIOD		0.50098	ug/m^3	PS_101	594531.23	4124752.57	67.99	1.50	67.99	
PERIOD		0.13226	ug/m^3	PS_102	594551.23	4124612.57	68.23	1.50	68.23	
PERIOD		0.15148	ug/m^3	PS_103	594551.23	4124632.57	68.09	1.50	68.09	
PERIOD		0.17903	ug/m^3	PS_104	594551.23	4124652.57	68.09	1.50	68.09	
PERIOD		0.21892	ug/m^3	PS_105	594551.23	4124672.57	68.09	1.50	68.09	
PERIOD		0.27471	ug/m^3	PS_106	594551.23	4124692.57	68.09	1.50	68.09	
PERIOD		0.34814	ug/m^3	PS_107	594551.23	4124712.57	68.09	1.50	68.09	
PERIOD		0.44008	ug/m^3	PS_108	594551.23	4124732.57	67.93	1.50	67.93	
PERIOD		0.55037	ug/m^3	PS_109	594551.23	4124752.57	67.79	1.50	67.79	
PERIOD		0.14214	ug/m^3	PS_110	594571.23	4124612.57	68.07	1.50	68.07	
PERIOD		0.16194	ug/m^3	PS_111	594571.23	4124632.57	67.95	1.50	67.95	
PERIOD		0.19011	ug/m^3	PS_112	594571.23	4124652.57	67.90	1.50	67.90	
PERIOD		0.23129	ug/m^3	PS_113	594571.23	4124672.57	67.89	1.50	67.89	
PERIOD		0.29065	ug/m^3	PS_114	594571.23	4124692.57	67.89	1.50	67.89	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.37213	ug/m^3	PS_115	594571.23	4124712.57	67.89	1.50	67.89	
PERIOD		0.47819	ug/m^3	PS_116	594571.23	4124732.57	67.72	1.50	67.72	
PERIOD		0.60893	ug/m^3	PS_117	594571.23	4124752.57	67.58	1.50	67.58	
PERIOD		0.15329	ug/m^3	PS_118	594591.23	4124612.57	67.98	1.50	67.98	
PERIOD		0.17421	ug/m^3	PS_119	594591.23	4124632.57	67.91	1.50	67.91	
PERIOD		0.20367	ug/m^3	PS_120	594591.23	4124652.57	67.72	1.50	67.72	
PERIOD		0.24661	ug/m^3	PS_121	594591.23	4124672.57	67.69	1.50	67.69	
PERIOD		0.31014	ug/m^3	PS_122	594591.23	4124692.57	67.69	1.50	67.69	
PERIOD		0.40070	ug/m^3	PS_123	594591.23	4124712.57	67.69	1.50	67.69	
PERIOD		0.52311	ug/m^3	PS_124	594591.23	4124732.57	67.52	1.50	67.52	
PERIOD		0.67941	ug/m^3	PS_125	594591.23	4124752.57	67.38	1.50	67.38	
PERIOD		0.18895	ug/m^3	PS_126	594611.23	4124632.57	67.72	1.50	67.72	
PERIOD		0.22010	ug/m^3	PS_127	594611.23	4124652.57	67.52	1.50	67.52	
PERIOD		0.26529	ug/m^3	PS_128	594611.23	4124672.57	67.48	1.50	67.48	
PERIOD		0.33390	ug/m^3	PS_129	594611.23	4124692.57	67.44	1.50	67.44	
PERIOD		0.43585	ug/m^3	PS_130	594611.23	4124712.57	67.32	1.50	67.32	
PERIOD		0.57817	ug/m^3	PS_131	594611.23	4124732.57	67.23	1.50	67.23	
PERIOD		0.76686	ug/m^3	PS_132	594611.23	4124752.57	67.18	1.50	67.18	
PERIOD		0.20638	ug/m^3	PS_133	594631.23	4124632.57	67.52	1.50	67.52	
PERIOD		0.24044	ug/m^3	PS_134	594631.23	4124652.57	67.32	1.50	67.32	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.28818	ug/m^3	PS_135	594631.23	4124672.57	67.28	1.50	67.28	
PERIOD		0.36201	ug/m^3	PS_136	594631.23	4124692.57	67.23	1.50	67.23	
PERIOD		0.47727	ug/m^3	PS_137	594631.23	4124712.57	67.09	1.50	67.09	
PERIOD		0.64630	ug/m^3	PS_138	594631.23	4124732.57	67.01	1.50	67.01	
PERIOD		0.87904	ug/m^3	PS_139	594631.23	4124752.57	66.97	1.50	66.97	
PERIOD		0.22628	ug/m^3	PS_140	594651.23	4124632.57	67.32	1.50	67.32	
PERIOD		0.26578	ug/m^3	PS_141	594651.23	4124652.57	67.12	1.50	67.12	
PERIOD		0.31796	ug/m^3	PS_142	594651.23	4124672.57	67.08	1.50	67.08	
PERIOD		0.39673	ug/m^3	PS_143	594651.23	4124692.57	67.07	1.50	67.07	
PERIOD		0.52500	ug/m^3	PS_144	594651.23	4124712.57	67.06	1.50	67.06	
PERIOD		0.72900	ug/m^3	PS_145	594651.23	4124732.57	66.90	1.50	66.90	
PERIOD		1.02525	ug/m^3	PS_146	594651.23	4124752.57	66.77	1.50	66.77	
PERIOD		0.24874	ug/m^3	PS_147	594671.23	4124632.57	67.15	1.50	67.15	
PERIOD		0.29573	ug/m^3	PS_148	594671.23	4124652.57	67.07	1.50	67.07	
PERIOD		0.35704	ug/m^3	PS_149	594671.23	4124672.57	66.96	1.50	66.96	
PERIOD		0.44467	ug/m^3	PS_150	594671.23	4124692.57	66.87	1.50	66.87	
PERIOD		0.58705	ug/m^3	PS_151	594671.23	4124712.57	66.87	1.50	66.87	
PERIOD		0.83296	ug/m^3	PS_152	594671.23	4124732.57	66.71	1.50	66.71	
PERIOD		1.22328	ug/m^3	PS_153	594671.23	4124752.57	66.57	1.50	66.57	
PERIOD		0.27544	ug/m^3	PS_154	594691.23	4124632.57	66.97	1.50	66.97	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.33074	ug/m^3	PS_155	594691.23	4124652.57	66.97	1.50	66.97	
PERIOD		0.40572	ug/m^3	PS_156	594691.23	4124672.57	66.85	1.50	66.85	
PERIOD		0.51105	ug/m^3	PS_157	594691.23	4124692.57	66.73	1.50	66.73	
PERIOD		0.67549	ug/m^3	PS_158	594691.23	4124712.57	66.68	1.50	66.68	
PERIOD		0.97185	ug/m^3	PS_159	594691.23	4124732.57	66.55	1.50	66.55	
PERIOD		1.50470	ug/m^3	PS_160	594691.23	4124752.57	66.43	1.50	66.43	
PERIOD		0.30795	ug/m^3	PS_161	594711.23	4124632.57	66.77	1.50	66.77	
PERIOD		0.37335	ug/m^3	PS_162	594711.23	4124652.57	66.77	1.50	66.77	
PERIOD		0.46462	ug/m^3	PS_163	594711.23	4124672.57	66.76	1.50	66.76	
PERIOD		0.59594	ug/m^3	PS_164	594711.23	4124692.57	66.69	1.50	66.69	
PERIOD		0.80409	ug/m^3	PS_165	594711.23	4124712.57	66.50	1.50	66.50	
PERIOD		1.18293	ug/m^3	PS_166	594711.23	4124732.57	66.46	1.50	66.46	
PERIOD		1.94358	ug/m^3	PS_167	594711.23	4124752.57	66.39	1.50	66.39	
PERIOD		0.34453	ug/m^3	PS_168	594731.23	4124632.57	66.71	1.50	66.71	
PERIOD		0.42388	ug/m^3	PS_169	594731.23	4124652.57	66.59	1.50	66.59	
PERIOD		0.53565	ug/m^3	PS_170	594731.23	4124672.57	66.57	1.50	66.57	
PERIOD		0.70293	ug/m^3	PS_171	594731.23	4124692.57	66.54	1.50	66.54	
PERIOD		0.97471	ug/m^3	PS_172	594731.23	4124712.57	66.46	1.50	66.46	
PERIOD		1.49802	ug/m^3	PS_173	594731.23	4124732.57	66.35	1.50	66.35	
PERIOD		2.73299	ug/m^3	PS_174	594731.23	4124752.57	66.20	1.50	66.20	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.18468	ug/m^3	R_001	594764.47	4124544.05	67.28	1.50	796.44	
PERIOD		0.21601	ug/m^3	R_002	594764.47	4124564.05	67.08	1.50	796.44	
PERIOD		0.25570	ug/m^3	R_003	594764.47	4124584.05	66.93	1.50	66.93	
PERIOD		0.30729	ug/m^3	R_004	594764.47	4124604.05	66.82	1.50	66.82	
PERIOD		0.37601	ug/m^3	R_005	594764.47	4124624.05	66.76	1.50	66.76	
PERIOD		0.47202	ug/m^3	R_006	594764.47	4124644.05	66.57	1.50	66.57	
PERIOD		0.60966	ug/m^3	R_007	594764.47	4124664.05	66.45	1.50	66.45	
PERIOD		0.81807	ug/m^3	R_008	594764.47	4124684.05	66.45	1.50	66.45	
PERIOD		1.16814	ug/m^3	R_009	594764.47	4124704.05	66.32	1.50	66.32	
PERIOD		1.85287	ug/m^3	R_010	594764.47	4124724.05	66.15	1.50	66.15	
PERIOD		3.94812	ug/m^3	R_011	594764.47	4124744.05	65.95	1.50	65.95	
PERIOD		15.92589	ug/m^3	R_012	594764.47	4124944.05	65.10	1.50	65.10	
PERIOD		9.19699	ug/m^3	R_013	594764.47	4124964.05	65.01	1.50	65.01	
PERIOD		6.03508	ug/m^3	R_014	594764.47	4124984.05	65.01	1.50	65.01	
PERIOD		4.30269	ug/m^3	R_015	594764.47	4125004.05	65.01	1.50	65.01	
PERIOD		3.23984	ug/m^3	R_016	594764.47	4125024.05	64.93	1.50	64.93	
PERIOD		2.53800	ug/m^3	R_017	594764.47	4125044.05	64.73	1.50	64.73	
PERIOD		2.04422	ug/m^3	R_018	594764.47	4125064.05	64.71	1.50	64.71	
PERIOD		1.68566	ug/m^3	R_019	594764.47	4125084.05	64.63	1.50	64.63	
PERIOD		1.41686	ug/m^3	R_020	594764.47	4125104.05	64.43	1.50	64.43	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.20826	ug/m^3	R_021	594764.47	4125124.05	64.40	1.50	64.40	
PERIOD		1.04415	ug/m^3	R_022	594764.47	4125144.05	64.32	1.50	64.32	
PERIOD		0.91242	ug/m^3	R_023	594764.47	4125164.05	64.12	1.50	64.12	
PERIOD		0.80504	ug/m^3	R_024	594764.47	4125184.05	64.10	1.50	64.10	
PERIOD		0.71637	ug/m^3	R_025	594764.47	4125204.05	64.10	1.50	64.10	
PERIOD		0.64230	ug/m^3	R_026	594764.47	4125224.05	64.10	1.50	64.10	
PERIOD		0.57973	ug/m^3	R_027	594764.47	4125244.05	64.10	1.50	64.10	
PERIOD		0.52649	ug/m^3	R_028	594764.47	4125264.05	64.10	1.50	64.10	
PERIOD		0.19803	ug/m^3	R_029	594784.47	4124544.05	67.28	1.50	796.44	
PERIOD		0.23391	ug/m^3	R_030	594784.47	4124564.05	67.08	1.50	796.44	
PERIOD		0.28059	ug/m^3	R_031	594784.47	4124584.05	66.88	1.50	66.88	
PERIOD		0.34274	ug/m^3	R_032	594784.47	4124604.05	66.72	1.50	66.72	
PERIOD		0.42806	ug/m^3	R_033	594784.47	4124624.05	66.65	1.50	66.65	
PERIOD		0.55112	ug/m^3	R_034	594784.47	4124644.05	66.53	1.50	66.53	
PERIOD		0.73781	ug/m^3	R_035	594784.47	4124664.05	66.42	1.50	66.42	
PERIOD		1.04468	ug/m^3	R_036	594784.47	4124684.05	66.34	1.50	66.34	
PERIOD		1.62222	ug/m^3	R_037	594784.47	4124704.05	66.22	1.50	66.22	
PERIOD		3.04406	ug/m^3	R_038	594784.47	4124724.05	66.06	1.50	66.06	
PERIOD		8.59350	ug/m^3	R_039	594784.47	4124744.05	65.86	1.50	65.86	
PERIOD		11.60975	ug/m^3	R_040	594784.47	4124944.05	65.00	1.50	65.00	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		6.91879	ug/m^3	R_041	594784.47	4124964.05	64.89	1.50	64.89	
PERIOD		4.72103	ug/m^3	R_042	594784.47	4124984.05	64.82	1.50	64.82	
PERIOD		3.46394	ug/m^3	R_043	594784.47	4125004.05	64.81	1.50	64.81	
PERIOD		2.66806	ug/m^3	R_044	594784.47	4125024.05	64.76	1.50	64.76	
PERIOD		2.12918	ug/m^3	R_045	594784.47	4125044.05	64.63	1.50	64.63	
PERIOD		1.74428	ug/m^3	R_046	594784.47	4125064.05	64.55	1.50	64.55	
PERIOD		1.45890	ug/m^3	R_047	594784.47	4125084.05	64.45	1.50	64.45	
PERIOD		1.24075	ug/m^3	R_048	594784.47	4125104.05	64.33	1.50	64.33	
PERIOD		1.06977	ug/m^3	R_049	594784.47	4125124.05	64.25	1.50	64.25	
PERIOD		0.93339	ug/m^3	R_050	594784.47	4125144.05	64.15	1.50	64.15	
PERIOD		0.82281	ug/m^3	R_051	594784.47	4125164.05	64.02	1.50	64.02	
PERIOD		0.73165	ug/m^3	R_052	594784.47	4125184.05	63.94	1.50	63.94	
PERIOD		0.65565	ug/m^3	R_053	594784.47	4125204.05	63.89	1.50	63.89	
PERIOD		0.59160	ug/m^3	R_054	594784.47	4125224.05	63.89	1.50	63.89	
PERIOD		0.53706	ug/m^3	R_055	594784.47	4125244.05	63.89	1.50	63.89	
PERIOD		0.49029	ug/m^3	R_056	594784.47	4125264.05	63.89	1.50	63.89	
PERIOD		0.18657	ug/m^3	R_057	594804.47	4124524.05	67.35	1.50	796.44	
PERIOD		0.22000	ug/m^3	R_058	594804.47	4124544.05	67.27	1.50	796.44	
PERIOD		0.26389	ug/m^3	R_059	594804.47	4124564.05	67.08	1.50	67.08	
PERIOD		0.32244	ug/m^3	R_060	594804.47	4124584.05	66.88	1.50	66.88	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.40338	ug/m^3	R_061	594804.47	4124604.05	66.67	1.50	66.67	
PERIOD		0.51953	ug/m^3	R_062	594804.47	4124624.05	66.47	1.50	66.47	
PERIOD		0.69326	ug/m^3	R_063	594804.47	4124644.05	66.45	1.50	66.45	
PERIOD		0.97652	ug/m^3	R_064	594804.47	4124664.05	66.37	1.50	66.37	
PERIOD		1.49455	ug/m^3	R_065	594804.47	4124684.05	66.17	1.50	66.17	
PERIOD		2.60610	ug/m^3	R_066	594804.47	4124704.05	66.13	1.50	66.13	
PERIOD		5.68927	ug/m^3	R_067	594804.47	4124724.05	66.05	1.50	66.05	
PERIOD		16.10769	ug/m^3	R_068	594804.47	4124744.05	65.86	1.50	65.86	
PERIOD		7.45998	ug/m^3	R_069	594804.47	4124944.05	64.91	1.50	64.91	
PERIOD		4.88551	ug/m^3	R_070	594804.47	4124964.05	64.84	1.50	64.84	
PERIOD		3.54010	ug/m^3	R_071	594804.47	4124984.05	64.64	1.50	64.64	
PERIOD		2.70469	ug/m^3	R_072	594804.47	4125004.05	64.61	1.50	64.61	
PERIOD		2.14894	ug/m^3	R_073	594804.47	4125024.05	64.60	1.50	64.60	
PERIOD		1.75718	ug/m^3	R_074	594804.47	4125044.05	64.60	1.50	64.60	
PERIOD		1.47113	ug/m^3	R_075	594804.47	4125064.05	64.43	1.50	64.43	
PERIOD		1.25145	ug/m^3	R_076	594804.47	4125084.05	64.30	1.50	64.30	
PERIOD		1.07931	ug/m^3	R_077	594804.47	4125104.05	64.30	1.50	64.30	
PERIOD		0.94233	ug/m^3	R_078	594804.47	4125124.05	64.12	1.50	64.12	
PERIOD		0.83099	ug/m^3	R_079	594804.47	4125144.05	63.99	1.50	63.99	
PERIOD		0.73916	ug/m^3	R_080	594804.47	4125164.05	63.99	1.50	63.99	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.66263	ug/m^3	R_081	594804.47	4125184.05	63.82	1.50	63.82	
PERIOD		0.59804	ug/m^3	R_082	594804.47	4125204.05	63.69	1.50	63.69	
PERIOD		0.54302	ug/m^3	R_083	594804.47	4125224.05	63.69	1.50	63.69	
PERIOD		0.49572	ug/m^3	R_084	594804.47	4125244.05	63.69	1.50	63.69	
PERIOD		0.45478	ug/m^3	R_085	594804.47	4125264.05	63.69	1.50	63.69	
PERIOD		0.18126	ug/m^3	R_086	594824.47	4124504.05	67.39	1.50	796.44	
PERIOD		0.21433	ug/m^3	R_087	594824.47	4124524.05	67.23	1.50	796.44	
PERIOD		0.25712	ug/m^3	R_088	594824.47	4124544.05	67.12	1.50	796.44	
PERIOD		0.31378	ug/m^3	R_089	594824.47	4124564.05	67.06	1.50	67.06	
PERIOD		0.39187	ug/m^3	R_090	594824.47	4124584.05	66.88	1.50	66.88	
PERIOD		0.50268	ug/m^3	R_091	594824.47	4124604.05	66.67	1.50	66.67	
PERIOD		0.66666	ug/m^3	R_092	594824.47	4124624.05	66.47	1.50	66.47	
PERIOD		0.92229	ug/m^3	R_093	594824.47	4124644.05	66.45	1.50	66.45	
PERIOD		1.36239	ug/m^3	R_094	594824.47	4124664.05	66.37	1.50	66.37	
PERIOD		2.22240	ug/m^3	R_095	594824.47	4124684.05	66.17	1.50	66.17	
PERIOD		4.16548	ug/m^3	R_096	594824.47	4124704.05	66.01	1.50	66.01	
PERIOD		9.14832	ug/m^3	R_097	594824.47	4124724.05	65.90	1.50	65.90	
PERIOD		22.32938	ug/m^3	R_098	594824.47	4124744.05	65.84	1.50	65.84	
PERIOD		8.16083	ug/m^3	R_099	594824.47	4124924.05	64.72	1.50	64.72	
PERIOD		4.99609	ug/m^3	R_100	594824.47	4124944.05	64.71	1.50	64.71	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.50288	ug/m^3	R_101	594824.47	4124964.05	64.68	1.50	64.68	
PERIOD		2.64897	ug/m^3	R_102	594824.47	4124984.05	64.62	1.50	64.62	
PERIOD		2.09602	ug/m^3	R_103	594824.47	4125004.05	64.49	1.50	64.49	
PERIOD		1.71128	ug/m^3	R_104	594824.47	4125024.05	64.40	1.50	64.40	
PERIOD		1.43022	ug/m^3	R_105	594824.47	4125044.05	64.40	1.50	64.40	
PERIOD		1.21861	ug/m^3	R_106	594824.47	4125064.05	64.22	1.50	64.22	
PERIOD		1.05342	ug/m^3	R_107	594824.47	4125084.05	64.10	1.50	64.10	
PERIOD		0.92213	ug/m^3	R_108	594824.47	4125104.05	64.10	1.50	64.10	
PERIOD		0.81549	ug/m^3	R_109	594824.47	4125124.05	63.92	1.50	63.92	
PERIOD		0.72731	ug/m^3	R_110	594824.47	4125144.05	63.79	1.50	63.79	
PERIOD		0.65341	ug/m^3	R_111	594824.47	4125164.05	63.79	1.50	63.79	
PERIOD		0.59093	ug/m^3	R_112	594824.47	4125184.05	63.61	1.50	63.61	
PERIOD		0.53743	ug/m^3	R_113	594824.47	4125204.05	63.49	1.50	63.49	
PERIOD		0.49130	ug/m^3	R_114	594824.47	4125224.05	63.49	1.50	63.49	
PERIOD		0.45121	ug/m^3	R_115	594824.47	4125244.05	63.49	1.50	63.49	
PERIOD		0.41616	ug/m^3	R_116	594824.47	4125264.05	63.43	1.50	63.43	
PERIOD		0.18036	ug/m^3	R_117	594844.47	4124484.05	67.50	1.50	796.44	
PERIOD		0.21324	ug/m^3	R_118	594844.47	4124504.05	67.38	1.50	796.44	
PERIOD		0.25580	ug/m^3	R_119	594844.47	4124524.05	67.18	1.50	796.44	
PERIOD		0.31155	ug/m^3	R_120	594844.47	4124544.05	67.03	1.50	796.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.38619	ug/m^3	R_121	594844.47	4124564.05	66.95	1.50	66.95	
PERIOD		0.48972	ug/m^3	R_122	594844.47	4124584.05	66.83	1.50	66.83	
PERIOD		0.63910	ug/m^3	R_123	594844.47	4124604.05	66.67	1.50	66.67	
PERIOD		0.86644	ug/m^3	R_124	594844.47	4124624.05	66.47	1.50	66.47	
PERIOD		1.23480	ug/m^3	R_125	594844.47	4124644.05	66.38	1.50	66.38	
PERIOD		1.88980	ug/m^3	R_126	594844.47	4124664.05	66.28	1.50	66.28	
PERIOD		3.17618	ug/m^3	R_127	594844.47	4124684.05	66.16	1.50	66.16	
PERIOD		5.92758	ug/m^3	R_128	594844.47	4124704.05	65.96	1.50	65.96	
PERIOD		11.90770	ug/m^3	R_129	594844.47	4124724.05	65.81	1.50	65.81	
PERIOD		23.32229	ug/m^3	R_130	594844.47	4124744.05	65.73	1.50	65.73	
PERIOD		5.27049	ug/m^3	R_131	594844.47	4124924.05	64.63	1.50	64.63	
PERIOD		3.58897	ug/m^3	R_132	594844.47	4124944.05	64.55	1.50	64.55	
PERIOD		2.63256	ug/m^3	R_133	594844.47	4124964.05	64.50	1.50	64.50	
PERIOD		2.04543	ug/m^3	R_134	594844.47	4124984.05	64.50	1.50	64.50	
PERIOD		1.65457	ug/m^3	R_135	594844.47	4125004.05	64.39	1.50	64.39	
PERIOD		1.37416	ug/m^3	R_136	594844.47	4125024.05	64.28	1.50	64.28	
PERIOD		1.16424	ug/m^3	R_137	594844.47	4125044.05	64.21	1.50	64.21	
PERIOD		1.00314	ug/m^3	R_138	594844.47	4125064.05	64.09	1.50	64.09	
PERIOD		0.87731	ug/m^3	R_139	594844.47	4125084.05	63.98	1.50	63.98	
PERIOD		0.77675	ug/m^3	R_140	594844.47	4125104.05	63.90	1.50	63.90	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.69445	ug/m^3	R_141	594844.47	4125124.05	63.78	1.50	63.78	
PERIOD		0.62579	ug/m^3	R_142	594844.47	4125144.05	63.67	1.50	63.67	
PERIOD		0.56774	ug/m^3	R_143	594844.47	4125164.05	63.60	1.50	63.60	
PERIOD		0.51805	ug/m^3	R_144	594844.47	4125184.05	63.48	1.50	63.48	
PERIOD		0.47504	ug/m^3	R_145	594844.47	4125204.05	63.37	1.50	63.37	
PERIOD		0.43752	ug/m^3	R_146	594844.47	4125224.05	63.29	1.50	63.29	
PERIOD		0.40451	ug/m^3	R_147	594844.47	4125244.05	63.28	1.50	63.28	
PERIOD		0.37529	ug/m^3	R_148	594844.47	4125264.05	63.21	1.50	63.21	
PERIOD		0.21431	ug/m^3	R_149	594864.47	4124484.05	67.36	1.50	796.44	
PERIOD		0.25522	ug/m^3	R_150	594864.47	4124504.05	67.35	1.50	796.44	
PERIOD		0.30841	ug/m^3	R_151	594864.47	4124524.05	67.17	1.50	796.44	
PERIOD		0.37868	ug/m^3	R_152	594864.47	4124544.05	66.97	1.50	796.44	
PERIOD		0.47377	ug/m^3	R_153	594864.47	4124564.05	66.77	1.50	796.44	
PERIOD		0.60574	ug/m^3	R_154	594864.47	4124584.05	66.74	1.50	66.74	
PERIOD		0.79957	ug/m^3	R_155	594864.47	4124604.05	66.66	1.50	66.66	
PERIOD		1.10336	ug/m^3	R_156	594864.47	4124624.05	66.46	1.50	66.46	
PERIOD		1.60796	ug/m^3	R_157	594864.47	4124644.05	66.26	1.50	66.26	
PERIOD		2.50209	ug/m^3	R_158	594864.47	4124664.05	66.14	1.50	66.14	
PERIOD		4.16119	ug/m^3	R_159	594864.47	4124684.05	66.13	1.50	66.13	
PERIOD		7.28986	ug/m^3	R_160	594864.47	4124704.05	65.96	1.50	65.96	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		12.61462	ug/m^3	R_161	594864.47	4124724.05	65.76	1.50	65.76	
PERIOD		18.98145	ug/m^3	R_162	594864.47	4124744.05	65.56	1.50	65.56	
PERIOD		3.60774	ug/m^3	R_163	594864.47	4124924.05	64.61	1.50	64.61	
PERIOD		2.69922	ug/m^3	R_164	594864.47	4124944.05	64.43	1.50	64.43	
PERIOD		2.08041	ug/m^3	R_165	594864.47	4124964.05	64.31	1.50	64.31	
PERIOD		1.65867	ug/m^3	R_166	594864.47	4124984.05	64.30	1.50	64.30	
PERIOD		1.36268	ug/m^3	R_167	594864.47	4125004.05	64.30	1.50	64.30	
PERIOD		1.14417	ug/m^3	R_168	594864.47	4125024.05	64.22	1.50	64.22	
PERIOD		0.97687	ug/m^3	R_169	594864.47	4125044.05	64.02	1.50	64.02	
PERIOD		0.84611	ug/m^3	R_170	594864.47	4125064.05	63.99	1.50	63.99	
PERIOD		0.74277	ug/m^3	R_171	594864.47	4125084.05	63.92	1.50	63.92	
PERIOD		0.66016	ug/m^3	R_172	594864.47	4125104.05	63.71	1.50	63.71	
PERIOD		0.59282	ug/m^3	R_173	594864.47	4125124.05	63.69	1.50	63.69	
PERIOD		0.53722	ug/m^3	R_174	594864.47	4125144.05	63.61	1.50	63.61	
PERIOD		0.49057	ug/m^3	R_175	594864.47	4125164.05	63.41	1.50	63.41	
PERIOD		0.45066	ug/m^3	R_176	594864.47	4125184.05	63.38	1.50	63.38	
PERIOD		0.41613	ug/m^3	R_177	594864.47	4125204.05	63.31	1.50	63.31	
PERIOD		0.38588	ug/m^3	R_178	594864.47	4125224.05	63.10	1.50	63.10	
PERIOD		0.35906	ug/m^3	R_179	594864.47	4125244.05	63.08	1.50	63.08	
PERIOD		0.33515	ug/m^3	R_180	594864.47	4125264.05	63.00	1.50	63.00	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.25315	ug/m^3	R_181	594884.47	4124484.05	67.31	1.50	796.44	
PERIOD		0.30245	ug/m^3	R_182	594884.47	4124504.05	67.16	1.50	796.44	
PERIOD		0.36624	ug/m^3	R_183	594884.47	4124524.05	66.97	1.50	796.44	
PERIOD		0.45061	ug/m^3	R_184	594884.47	4124544.05	66.82	1.50	796.44	
PERIOD		0.56562	ug/m^3	R_185	594884.47	4124564.05	66.76	1.50	66.76	
PERIOD		0.73072	ug/m^3	R_186	594884.47	4124584.05	66.62	1.50	66.62	
PERIOD		0.97854	ug/m^3	R_187	594884.47	4124604.05	66.46	1.50	66.46	
PERIOD		1.37045	ug/m^3	R_188	594884.47	4124624.05	66.25	1.50	66.25	
PERIOD		2.01257	ug/m^3	R_189	594884.47	4124644.05	66.18	1.50	66.18	
PERIOD		3.10674	ug/m^3	R_190	594884.47	4124664.05	66.09	1.50	66.09	
PERIOD		4.97056	ug/m^3	R_191	594884.47	4124684.05	65.94	1.50	65.94	
PERIOD		7.90315	ug/m^3	R_192	594884.47	4124704.05	65.87	1.50	65.87	
PERIOD		11.66592	ug/m^3	R_193	594884.47	4124724.05	65.76	1.50	65.76	
PERIOD		14.69170	ug/m^3	R_194	594884.47	4124744.05	65.56	1.50	65.56	
PERIOD		2.69769	ug/m^3	R_195	594884.47	4124924.05	64.42	1.50	64.42	
PERIOD		2.12324	ug/m^3	R_196	594884.47	4124944.05	64.35	1.50	64.35	
PERIOD		1.69620	ug/m^3	R_197	594884.47	4124964.05	64.26	1.50	64.26	
PERIOD		1.38457	ug/m^3	R_198	594884.47	4124984.05	64.11	1.50	64.11	
PERIOD		1.15675	ug/m^3	R_199	594884.47	4125004.05	64.10	1.50	64.10	
PERIOD		0.98488	ug/m^3	R_200	594884.47	4125024.05	64.02	1.50	64.02	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.84958	ug/m^3	R_201	594884.47	4125044.05	63.82	1.50	63.82	
PERIOD		0.74024	ug/m^3	R_202	594884.47	4125064.05	63.79	1.50	63.79	
PERIOD		0.65107	ug/m^3	R_203	594884.47	4125084.05	63.71	1.50	63.71	
PERIOD		0.57823	ug/m^3	R_204	594884.47	4125104.05	63.51	1.50	63.51	
PERIOD		0.51849	ug/m^3	R_205	594884.47	4125124.05	63.49	1.50	63.49	
PERIOD		0.46943	ug/m^3	R_206	594884.47	4125144.05	63.41	1.50	63.41	
PERIOD		0.42878	ug/m^3	R_207	594884.47	4125164.05	63.21	1.50	63.21	
PERIOD		0.39458	ug/m^3	R_208	594884.47	4125184.05	63.18	1.50	63.18	
PERIOD		0.36548	ug/m^3	R_209	594884.47	4125204.05	63.10	1.50	63.10	
PERIOD		0.34024	ug/m^3	R_210	594884.47	4125224.05	62.90	1.50	62.90	
PERIOD		0.31813	ug/m^3	R_211	594884.47	4125244.05	62.88	1.50	62.88	
PERIOD		0.29841	ug/m^3	R_212	594884.47	4125264.05	62.80	1.50	62.80	
PERIOD		0.29213	ug/m^3	R_213	594904.47	4124484.05	67.17	1.50	796.44	
PERIOD		0.34898	ug/m^3	R_214	594904.47	4124504.05	66.97	1.50	796.44	
PERIOD		0.42292	ug/m^3	R_215	594904.47	4124524.05	66.83	1.50	796.44	
PERIOD		0.52242	ug/m^3	R_216	594904.47	4124544.05	66.72	1.50	796.44	
PERIOD		0.66132	ug/m^3	R_217	594904.47	4124564.05	66.65	1.50	66.65	
PERIOD		0.86411	ug/m^3	R_218	594904.47	4124584.05	66.53	1.50	66.53	
PERIOD		1.17130	ug/m^3	R_219	594904.47	4124604.05	66.37	1.50	66.37	
PERIOD		1.65230	ug/m^3	R_220	594904.47	4124624.05	66.17	1.50	66.17	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.41419	ug/m^3	R_221	594904.47	4124644.05	66.07	1.50	66.07	
PERIOD		3.61903	ug/m^3	R_222	594904.47	4124664.05	65.98	1.50	65.98	
PERIOD		5.43110	ug/m^3	R_223	594904.47	4124684.05	65.85	1.50	65.85	
PERIOD		7.79757	ug/m^3	R_224	594904.47	4124704.05	65.77	1.50	65.77	
PERIOD		10.14518	ug/m^3	R_225	594904.47	4124724.05	65.64	1.50	65.64	
PERIOD		11.54937	ug/m^3	R_226	594904.47	4124744.05	65.44	1.50	65.44	
PERIOD		2.11335	ug/m^3	R_227	594904.47	4124924.05	64.33	1.50	64.33	
PERIOD		1.72182	ug/m^3	R_228	594904.47	4124944.05	64.25	1.50	64.25	
PERIOD		1.41977	ug/m^3	R_229	594904.47	4124964.05	64.15	1.50	64.15	
PERIOD		1.18095	ug/m^3	R_230	594904.47	4124984.05	64.02	1.50	64.02	
PERIOD		0.99903	ug/m^3	R_231	594904.47	4125004.05	63.94	1.50	63.94	
PERIOD		0.86062	ug/m^3	R_232	594904.47	4125024.05	63.85	1.50	63.85	
PERIOD		0.75182	ug/m^3	R_233	594904.47	4125044.05	63.72	1.50	63.72	
PERIOD		0.66258	ug/m^3	R_234	594904.47	4125064.05	63.64	1.50	63.64	
PERIOD		0.58716	ug/m^3	R_235	594904.47	4125084.05	63.54	1.50	63.54	
PERIOD		0.52296	ug/m^3	R_236	594904.47	4125104.05	63.41	1.50	63.41	
PERIOD		0.46852	ug/m^3	R_237	594904.47	4125124.05	63.33	1.50	63.33	
PERIOD		0.42284	ug/m^3	R_238	594904.47	4125144.05	63.24	1.50	63.24	
PERIOD		0.38468	ug/m^3	R_239	594904.47	4125164.05	63.11	1.50	63.11	
PERIOD		0.35278	ug/m^3	R_240	594904.47	4125184.05	63.03	1.50	63.03	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.32596	ug/m^3	R_241	594904.47	4125204.05	62.93	1.50	62.93	
PERIOD		0.30325	ug/m^3	R_242	594904.47	4125224.05	62.80	1.50	62.80	
PERIOD		0.28374	ug/m^3	R_243	594904.47	4125244.05	62.72	1.50	62.72	
PERIOD		0.26666	ug/m^3	R_244	594904.47	4125264.05	62.63	1.50	62.63	
PERIOD		0.32848	ug/m^3	R_245	594924.47	4124484.05	66.98	1.50	796.44	
PERIOD		0.39332	ug/m^3	R_246	594924.47	4124504.05	66.78	1.50	796.44	
PERIOD		0.47886	ug/m^3	R_247	594924.47	4124524.05	66.74	1.50	796.44	
PERIOD		0.59681	ug/m^3	R_248	594924.47	4124544.05	66.66	1.50	796.44	
PERIOD		0.76548	ug/m^3	R_249	594924.47	4124564.05	66.47	1.50	66.47	
PERIOD		1.00975	ug/m^3	R_250	594924.47	4124584.05	66.44	1.50	66.44	
PERIOD		1.37477	ug/m^3	R_251	594924.47	4124604.05	66.36	1.50	66.36	
PERIOD		1.92907	ug/m^3	R_252	594924.47	4124624.05	66.17	1.50	66.17	
PERIOD		2.76307	ug/m^3	R_253	594924.47	4124644.05	65.96	1.50	65.96	
PERIOD		3.96369	ug/m^3	R_254	594924.47	4124664.05	65.83	1.50	65.83	
PERIOD		5.53142	ug/m^3	R_255	594924.47	4124684.05	65.82	1.50	65.82	
PERIOD		7.25639	ug/m^3	R_256	594924.47	4124704.05	65.65	1.50	65.65	
PERIOD		8.63195	ug/m^3	R_257	594924.47	4124724.05	65.46	1.50	65.46	
PERIOD		9.29561	ug/m^3	R_258	594924.47	4124744.05	65.25	1.50	65.25	
PERIOD		1.71096	ug/m^3	R_259	594924.47	4124924.05	64.30	1.50	64.30	
PERIOD		1.42626	ug/m^3	R_260	594924.47	4124944.05	64.13	1.50	64.13	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.20493	ug/m^3	R_261	594924.47	4124964.05	64.00	1.50	64.00	
PERIOD		1.02331	ug/m^3	R_262	594924.47	4124984.05	64.00	1.50	64.00	
PERIOD		0.87558	ug/m^3	R_263	594924.47	4125004.05	63.82	1.50	63.82	
PERIOD		0.75971	ug/m^3	R_264	594924.47	4125024.05	63.70	1.50	63.70	
PERIOD		0.66925	ug/m^3	R_265	594924.47	4125044.05	63.69	1.50	63.69	
PERIOD		0.59634	ug/m^3	R_266	594924.47	4125064.05	63.52	1.50	63.52	
PERIOD		0.53468	ug/m^3	R_267	594924.47	4125084.05	63.40	1.50	63.40	
PERIOD		0.48074	ug/m^3	R_268	594924.47	4125104.05	63.39	1.50	63.39	
PERIOD		0.43323	ug/m^3	R_269	594924.47	4125124.05	63.21	1.50	63.21	
PERIOD		0.39155	ug/m^3	R_270	594924.47	4125144.05	63.09	1.50	63.09	
PERIOD		0.35541	ug/m^3	R_271	594924.47	4125164.05	63.08	1.50	63.08	
PERIOD		0.32451	ug/m^3	R_272	594924.47	4125184.05	62.90	1.50	62.90	
PERIOD		0.29829	ug/m^3	R_273	594924.47	4125204.05	62.78	1.50	62.78	
PERIOD		0.27610	ug/m^3	R_274	594924.47	4125224.05	62.78	1.50	62.78	
PERIOD		0.25731	ug/m^3	R_275	594924.47	4125244.05	62.60	1.50	62.60	
PERIOD		0.24123	ug/m^3	R_276	594924.47	4125264.05	62.47	1.50	62.47	
PERIOD		0.36276	ug/m^3	R_277	594944.47	4124484.05	66.98	1.50	796.44	
PERIOD		0.43760	ug/m^3	R_278	594944.47	4124504.05	66.78	1.50	796.44	
PERIOD		0.53903	ug/m^3	R_279	594944.47	4124524.05	66.62	1.50	796.44	
PERIOD		0.67964	ug/m^3	R_280	594944.47	4124544.05	66.51	1.50	796.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.87823	ug/m^3	R_281	594944.47	4124564.05	66.45	1.50	66.45	
PERIOD		1.16493	ug/m^3	R_282	594944.47	4124584.05	66.32	1.50	66.32	
PERIOD		1.57954	ug/m^3	R_283	594944.47	4124604.05	66.21	1.50	66.21	
PERIOD		2.17470	ug/m^3	R_284	594944.47	4124624.05	66.15	1.50	66.15	
PERIOD		3.01303	ug/m^3	R_285	594944.47	4124644.05	65.96	1.50	65.96	
PERIOD		4.11000	ug/m^3	R_286	594944.47	4124664.05	65.78	1.50	65.78	
PERIOD		5.36808	ug/m^3	R_287	594944.47	4124684.05	65.64	1.50	65.64	
PERIOD		6.52436	ug/m^3	R_288	594944.47	4124704.05	65.57	1.50	65.57	
PERIOD		7.28438	ug/m^3	R_289	594944.47	4124724.05	65.46	1.50	65.46	
PERIOD		7.57503	ug/m^3	R_290	594944.47	4124744.05	65.25	1.50	65.25	
PERIOD		1.42130	ug/m^3	R_291	594944.47	4124924.05	64.11	1.50	64.11	
PERIOD		1.20508	ug/m^3	R_292	594944.47	4124944.05	64.04	1.50	64.04	
PERIOD		1.03533	ug/m^3	R_293	594944.47	4124964.05	63.95	1.50	63.95	
PERIOD		0.89443	ug/m^3	R_294	594944.47	4124984.05	63.81	1.50	63.81	
PERIOD		0.77555	ug/m^3	R_295	594944.47	4125004.05	63.74	1.50	63.74	
PERIOD		0.67758	ug/m^3	R_296	594944.47	4125024.05	63.65	1.50	63.65	
PERIOD		0.59938	ug/m^3	R_297	594944.47	4125044.05	63.50	1.50	63.50	
PERIOD		0.53729	ug/m^3	R_298	594944.47	4125064.05	63.43	1.50	63.43	
PERIOD		0.48625	ug/m^3	R_299	594944.47	4125084.05	63.34	1.50	63.34	
PERIOD		0.44231	ug/m^3	R_300	594944.47	4125104.05	63.20	1.50	63.20	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.40292	ug/m^3	R_301	594944.47	4125124.05	63.13	1.50	63.13	
PERIOD		0.36715	ug/m^3	R_302	594944.47	4125144.05	63.04	1.50	63.04	
PERIOD		0.33478	ug/m^3	R_303	594944.47	4125164.05	62.89	1.50	62.89	
PERIOD		0.30580	ug/m^3	R_304	594944.47	4125184.05	62.70	1.50	62.70	
PERIOD		0.28031	ug/m^3	R_305	594944.47	4125204.05	62.57	1.50	62.57	
PERIOD		0.25818	ug/m^3	R_306	594944.47	4125224.05	62.57	1.50	62.57	
PERIOD		0.23918	ug/m^3	R_307	594944.47	4125244.05	62.39	1.50	62.39	
PERIOD		0.22293	ug/m^3	R_308	594944.47	4125264.05	62.27	1.50	62.27	
PERIOD		0.39967	ug/m^3	R_309	594964.47	4124484.05	66.89	1.50	796.44	
PERIOD		0.48679	ug/m^3	R_310	594964.47	4124504.05	66.77	1.50	796.44	
PERIOD		0.60610	ug/m^3	R_311	594964.47	4124524.05	66.57	1.50	796.44	
PERIOD		0.77047	ug/m^3	R_312	594964.47	4124544.05	66.42	1.50	796.44	
PERIOD		0.99855	ug/m^3	R_313	594964.47	4124564.05	66.34	1.50	66.34	
PERIOD		1.31831	ug/m^3	R_314	594964.47	4124584.05	66.22	1.50	66.22	
PERIOD		1.76315	ug/m^3	R_315	594964.47	4124604.05	66.11	1.50	66.11	
PERIOD		2.36788	ug/m^3	R_316	594964.47	4124624.05	66.04	1.50	66.04	
PERIOD		3.15355	ug/m^3	R_317	594964.47	4124644.05	65.92	1.50	65.92	
PERIOD		4.08266	ug/m^3	R_318	594964.47	4124664.05	65.76	1.50	65.76	
PERIOD		5.02197	ug/m^3	R_319	594964.47	4124684.05	65.56	1.50	65.56	
PERIOD		5.75807	ug/m^3	R_320	594964.47	4124704.05	65.46	1.50	65.46	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		6.15270	ug/m^3	R_321	594964.47	4124724.05	65.37	1.50	65.37	
PERIOD		6.21851	ug/m^3	R_322	594964.47	4124744.05	65.24	1.50	65.24	
PERIOD		1.20083	ug/m^3	R_323	594964.47	4124924.05	64.03	1.50	64.03	
PERIOD		1.03575	ug/m^3	R_324	594964.47	4124944.05	63.94	1.50	63.94	
PERIOD		0.90142	ug/m^3	R_325	594964.47	4124964.05	63.85	1.50	63.85	
PERIOD		0.78888	ug/m^3	R_326	594964.47	4124984.05	63.72	1.50	63.72	
PERIOD		0.69222	ug/m^3	R_327	594964.47	4125004.05	63.64	1.50	63.64	
PERIOD		0.60955	ug/m^3	R_328	594964.47	4125024.05	63.54	1.50	63.54	
PERIOD		0.54107	ug/m^3	R_329	594964.47	4125044.05	63.41	1.50	63.41	
PERIOD		0.48593	ug/m^3	R_330	594964.47	4125064.05	63.33	1.50	63.33	
PERIOD		0.44168	ug/m^3	R_331	594964.47	4125084.05	63.24	1.50	63.24	
PERIOD		0.40493	ug/m^3	R_332	594964.47	4125104.05	63.11	1.50	63.11	
PERIOD		0.37282	ug/m^3	R_333	594964.47	4125124.05	63.03	1.50	63.03	
PERIOD		0.34358	ug/m^3	R_334	594964.47	4125144.05	62.90	1.50	62.90	
PERIOD		0.31637	ug/m^3	R_335	594964.47	4125164.05	62.70	1.50	62.70	
PERIOD		0.29104	ug/m^3	R_336	594964.47	4125184.05	62.56	1.50	62.56	
PERIOD		0.26774	ug/m^3	R_337	594964.47	4125204.05	62.46	1.50	62.46	
PERIOD		0.24661	ug/m^3	R_338	594964.47	4125224.05	62.38	1.50	62.38	
PERIOD		0.22779	ug/m^3	R_339	594964.47	4125244.05	62.26	1.50	62.26	
PERIOD		0.21122	ug/m^3	R_340	594964.47	4125264.05	62.15	1.50	62.15	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.44208	ug/m^3	R_341	594984.47	4124484.05	66.75	1.50	796.44	
PERIOD		0.54262	ug/m^3	R_342	594984.47	4124504.05	66.74	1.50	796.44	
PERIOD		0.67947	ug/m^3	R_343	594984.47	4124524.05	66.56	1.50	796.44	
PERIOD		0.86546	ug/m^3	R_344	594984.47	4124544.05	66.36	1.50	796.44	
PERIOD		1.11836	ug/m^3	R_345	594984.47	4124564.05	66.17	1.50	66.17	
PERIOD		1.45797	ug/m^3	R_346	594984.47	4124584.05	66.13	1.50	66.13	
PERIOD		1.91080	ug/m^3	R_347	594984.47	4124604.05	66.05	1.50	66.05	
PERIOD		2.49485	ug/m^3	R_348	594984.47	4124624.05	65.86	1.50	65.86	
PERIOD		3.18709	ug/m^3	R_349	594984.47	4124644.05	65.83	1.50	65.83	
PERIOD		3.92432	ug/m^3	R_350	594984.47	4124664.05	65.75	1.50	65.75	
PERIOD		4.58356	ug/m^3	R_351	594984.47	4124684.05	65.54	1.50	65.54	
PERIOD		5.02785	ug/m^3	R_352	594984.47	4124704.05	65.35	1.50	65.35	
PERIOD		5.19952	ug/m^3	R_353	594984.47	4124724.05	65.22	1.50	65.22	
PERIOD		5.11306	ug/m^3	R_354	594984.47	4124744.05	65.21	1.50	65.21	
PERIOD		1.02649	ug/m^3	R_355	594984.47	4124924.05	64.02	1.50	64.02	
PERIOD		0.90082	ug/m^3	R_356	594984.47	4124944.05	63.82	1.50	63.82	
PERIOD		0.79405	ug/m^3	R_357	594984.47	4124964.05	63.70	1.50	63.70	
PERIOD		0.70228	ug/m^3	R_358	594984.47	4124984.05	63.69	1.50	63.69	
PERIOD		0.62254	ug/m^3	R_359	594984.47	4125004.05	63.52	1.50	63.52	
PERIOD		0.55271	ug/m^3	R_360	594984.47	4125024.05	63.40	1.50	63.40	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.49262	ug/m^3	R_361	594984.47	4125044.05	63.39	1.50	63.39	
PERIOD		0.44277	ug/m^3	R_362	594984.47	4125064.05	63.21	1.50	63.21	
PERIOD		0.40247	ug/m^3	R_363	594984.47	4125084.05	63.09	1.50	63.09	
PERIOD		0.36994	ug/m^3	R_364	594984.47	4125104.05	63.08	1.50	63.08	
PERIOD		0.34280	ug/m^3	R_365	594984.47	4125124.05	62.91	1.50	62.91	
PERIOD		0.31889	ug/m^3	R_366	594984.47	4125144.05	62.71	1.50	62.71	
PERIOD		0.29687	ug/m^3	R_367	594984.47	4125164.05	62.51	1.50	62.51	
PERIOD		0.27607	ug/m^3	R_368	594984.47	4125184.05	62.48	1.50	62.48	
PERIOD		0.25624	ug/m^3	R_369	594984.47	4125204.05	62.40	1.50	62.40	
PERIOD		0.23744	ug/m^3	R_370	594984.47	4125224.05	62.20	1.50	62.20	
PERIOD		0.21999	ug/m^3	R_371	594984.47	4125244.05	62.17	1.50	62.17	
PERIOD		0.20396	ug/m^3	R_372	594984.47	4125264.05	62.09	1.50	62.09	
PERIOD		0.48964	ug/m^3	R_373	595004.47	4124484.05	66.70	1.50	796.44	
PERIOD		0.60465	ug/m^3	R_374	595004.47	4124504.05	66.55	1.50	796.44	
PERIOD		0.75745	ug/m^3	R_375	595004.47	4124524.05	66.36	1.50	796.44	
PERIOD		0.95984	ug/m^3	R_376	595004.47	4124544.05	66.21	1.50	796.44	
PERIOD		1.22603	ug/m^3	R_377	595004.47	4124564.05	66.15	1.50	66.15	
PERIOD		1.57472	ug/m^3	R_378	595004.47	4124584.05	66.01	1.50	66.01	
PERIOD		2.01616	ug/m^3	R_379	595004.47	4124604.05	65.90	1.50	65.90	
PERIOD		2.54498	ug/m^3	R_380	595004.47	4124624.05	65.84	1.50	65.84	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.12841	ug/m^3	R_381	595004.47	4124644.05	65.71	1.50	65.71	
PERIOD		3.68837	ug/m^3	R_382	595004.47	4124664.05	65.54	1.50	65.54	
PERIOD		4.12541	ug/m^3	R_383	595004.47	4124684.05	65.34	1.50	65.34	
PERIOD		4.36009	ug/m^3	R_384	595004.47	4124704.05	65.26	1.50	65.26	
PERIOD		4.38242	ug/m^3	R_385	595004.47	4124724.05	65.17	1.50	65.17	
PERIOD		4.20743	ug/m^3	R_386	595004.47	4124744.05	65.03	1.50	65.03	
PERIOD		0.88552	ug/m^3	R_387	595004.47	4124924.05	63.82	1.50	63.82	
PERIOD		0.78938	ug/m^3	R_388	595004.47	4124944.05	63.74	1.50	63.74	
PERIOD		0.70509	ug/m^3	R_389	595004.47	4124964.05	63.65	1.50	63.65	
PERIOD		0.63010	ug/m^3	R_390	595004.47	4124984.05	63.50	1.50	63.50	
PERIOD		0.56371	ug/m^3	R_391	595004.47	4125004.05	63.43	1.50	63.43	
PERIOD		0.50466	ug/m^3	R_392	595004.47	4125024.05	63.34	1.50	63.34	
PERIOD		0.45226	ug/m^3	R_393	595004.47	4125044.05	63.20	1.50	63.20	
PERIOD		0.40701	ug/m^3	R_394	595004.47	4125064.05	63.13	1.50	63.13	
PERIOD		0.36947	ug/m^3	R_395	595004.47	4125084.05	63.04	1.50	63.04	
PERIOD		0.33919	ug/m^3	R_396	595004.47	4125104.05	62.89	1.50	62.89	
PERIOD		0.31467	ug/m^3	R_397	595004.47	4125124.05	62.83	1.50	62.83	
PERIOD		0.29417	ug/m^3	R_398	595004.47	4125144.05	62.71	1.50	62.71	
PERIOD		0.27605	ug/m^3	R_399	595004.47	4125164.05	62.51	1.50	62.51	
PERIOD		0.25929	ug/m^3	R_400	595004.47	4125184.05	62.36	1.50	62.36	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.24322	ug/m^3	R_401	595004.47	4125204.05	62.25	1.50	62.25	
PERIOD		0.22769	ug/m^3	R_402	595004.47	4125224.05	62.19	1.50	62.19	
PERIOD		0.21262	ug/m^3	R_403	595004.47	4125244.05	62.05	1.50	62.05	
PERIOD		0.19820	ug/m^3	R_404	595004.47	4125264.05	61.89	1.50	61.89	
PERIOD		0.54124	ug/m^3	R_405	595024.47	4124484.05	66.59	1.50	796.44	
PERIOD		0.66776	ug/m^3	R_406	595024.47	4124504.05	66.46	1.50	796.44	
PERIOD		0.83271	ug/m^3	R_407	595024.47	4124524.05	66.27	1.50	796.44	
PERIOD		1.04617	ug/m^3	R_408	595024.47	4124544.05	66.11	1.50	796.44	
PERIOD		1.31856	ug/m^3	R_409	595024.47	4124564.05	66.04	1.50	66.04	
PERIOD		1.66073	ug/m^3	R_410	595024.47	4124584.05	65.92	1.50	65.92	
PERIOD		2.07189	ug/m^3	R_411	595024.47	4124604.05	65.81	1.50	65.81	
PERIOD		2.53251	ug/m^3	R_412	595024.47	4124624.05	65.73	1.50	65.73	
PERIOD		2.99812	ug/m^3	R_413	595024.47	4124644.05	65.61	1.50	65.61	
PERIOD		3.39824	ug/m^3	R_414	595024.47	4124664.05	65.46	1.50	65.46	
PERIOD		3.66702	ug/m^3	R_415	595024.47	4124684.05	65.25	1.50	65.25	
PERIOD		3.76276	ug/m^3	R_416	595024.47	4124704.05	65.16	1.50	65.16	
PERIOD		3.68856	ug/m^3	R_417	595024.47	4124724.05	65.06	1.50	65.06	
PERIOD		3.45434	ug/m^3	R_418	595024.47	4124744.05	64.94	1.50	64.94	
PERIOD		3.08320	ug/m^3	R_419	595024.47	4124764.05	64.74	1.50	64.74	
PERIOD		2.62220	ug/m^3	R_420	595024.47	4124784.05	64.59	1.50	64.59	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.14412	ug/m^3	R_421	595024.47	4124804.05	64.51	1.50	64.51	
PERIOD		1.72085	ug/m^3	R_422	595024.47	4124824.05	64.39	1.50	64.39	
PERIOD		1.38654	ug/m^3	R_423	595024.47	4124844.05	64.28	1.50	64.28	
PERIOD		1.14561	ug/m^3	R_424	595024.47	4124864.05	64.21	1.50	64.21	
PERIOD		0.97877	ug/m^3	R_425	595024.47	4124884.05	64.02	1.50	64.02	
PERIOD		0.86027	ug/m^3	R_426	595024.47	4124904.05	63.85	1.50	63.85	
PERIOD		0.76990	ug/m^3	R_427	595024.47	4124924.05	63.72	1.50	63.72	
PERIOD		0.69523	ug/m^3	R_428	595024.47	4124944.05	63.64	1.50	63.64	
PERIOD		0.62930	ug/m^3	R_429	595024.47	4124964.05	63.54	1.50	63.54	
PERIOD		0.56856	ug/m^3	R_430	595024.47	4124984.05	63.41	1.50	63.41	
PERIOD		0.51326	ug/m^3	R_431	595024.47	4125004.05	63.33	1.50	63.33	
PERIOD		0.46333	ug/m^3	R_432	595024.47	4125024.05	63.24	1.50	63.24	
PERIOD		0.41802	ug/m^3	R_433	595024.47	4125044.05	63.11	1.50	63.11	
PERIOD		0.37747	ug/m^3	R_434	595024.47	4125064.05	63.03	1.50	63.03	
PERIOD		0.34247	ug/m^3	R_435	595024.47	4125084.05	62.93	1.50	62.93	
PERIOD		0.31347	ug/m^3	R_436	595024.47	4125104.05	62.80	1.50	62.80	
PERIOD		0.29010	ug/m^3	R_437	595024.47	4125124.05	62.72	1.50	62.72	
PERIOD		0.27116	ug/m^3	R_438	595024.47	4125144.05	62.60	1.50	62.60	
PERIOD		0.25533	ug/m^3	R_439	595024.47	4125164.05	62.39	1.50	62.39	
PERIOD		0.24139	ug/m^3	R_440	595024.47	4125184.05	62.26	1.50	62.26	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.22846	ug/m^3	R_441	595024.47	4125204.05	62.15	1.50	62.15	
PERIOD		0.21602	ug/m^3	R_442	595024.47	4125224.05	62.07	1.50	62.07	
PERIOD		0.20378	ug/m^3	R_443	595024.47	4125244.05	61.89	1.50	61.89	
PERIOD		0.19169	ug/m^3	R_444	595024.47	4125264.05	61.71	1.50	61.71	
PERIOD		0.59397	ug/m^3	R_445	595044.47	4124484.05	66.44	1.50	796.44	
PERIOD		0.72860	ug/m^3	R_446	595044.47	4124504.05	66.43	1.50	796.44	
PERIOD		0.90128	ug/m^3	R_447	595044.47	4124524.05	66.26	1.50	796.44	
PERIOD		1.11988	ug/m^3	R_448	595044.47	4124544.05	66.06	1.50	796.44	
PERIOD		1.39113	ug/m^3	R_449	595044.47	4124564.05	65.86	1.50	65.86	
PERIOD		1.71361	ug/m^3	R_450	595044.47	4124584.05	65.83	1.50	65.83	
PERIOD		2.08090	ug/m^3	R_451	595044.47	4124604.05	65.75	1.50	65.75	
PERIOD		2.46769	ug/m^3	R_452	595044.47	4124624.05	65.56	1.50	65.56	
PERIOD		2.81991	ug/m^3	R_453	595044.47	4124644.05	65.52	1.50	65.52	
PERIOD		3.08678	ug/m^3	R_454	595044.47	4124664.05	65.44	1.50	65.44	
PERIOD		3.23100	ug/m^3	R_455	595044.47	4124684.05	65.24	1.50	65.24	
PERIOD		3.23511	ug/m^3	R_456	595044.47	4124704.05	65.04	1.50	65.04	
PERIOD		3.09904	ug/m^3	R_457	595044.47	4124724.05	64.92	1.50	64.92	
PERIOD		2.83445	ug/m^3	R_458	595044.47	4124744.05	64.91	1.50	64.91	
PERIOD		2.48190	ug/m^3	R_459	595044.47	4124764.05	64.73	1.50	64.73	
PERIOD		2.09012	ug/m^3	R_460	595044.47	4124784.05	64.53	1.50	64.53	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.71351	ug/m^3	R_461	595044.47	4124804.05	64.34	1.50	64.34	
PERIOD		1.38945	ug/m^3	R_462	595044.47	4124824.05	64.30	1.50	64.30	
PERIOD		1.14075	ug/m^3	R_463	595044.47	4124844.05	64.23	1.50	64.23	
PERIOD		0.96264	ug/m^3	R_464	595044.47	4124864.05	64.03	1.50	64.03	
PERIOD		0.83728	ug/m^3	R_465	595044.47	4124884.05	63.83	1.50	63.83	
PERIOD		0.74574	ug/m^3	R_466	595044.47	4124904.05	63.70	1.50	63.70	
PERIOD		0.67429	ug/m^3	R_467	595044.47	4124924.05	63.69	1.50	63.69	
PERIOD		0.61531	ug/m^3	R_468	595044.47	4124944.05	63.52	1.50	63.52	
PERIOD		0.56343	ug/m^3	R_469	595044.47	4124964.05	63.40	1.50	63.40	
PERIOD		0.51481	ug/m^3	R_470	595044.47	4124984.05	63.39	1.50	63.39	
PERIOD		0.46910	ug/m^3	R_471	595044.47	4125004.05	63.21	1.50	63.21	
PERIOD		0.42692	ug/m^3	R_472	595044.47	4125024.05	63.08	1.50	63.08	
PERIOD		0.38811	ug/m^3	R_473	595044.47	4125044.05	63.08	1.50	63.08	
PERIOD		0.35239	ug/m^3	R_474	595044.47	4125064.05	62.90	1.50	62.90	
PERIOD		0.32029	ug/m^3	R_475	595044.47	4125084.05	62.78	1.50	62.78	
PERIOD		0.29266	ug/m^3	R_476	595044.47	4125104.05	62.78	1.50	62.78	
PERIOD		0.26973	ug/m^3	R_477	595044.47	4125124.05	62.60	1.50	62.60	
PERIOD		0.25125	ug/m^3	R_478	595044.47	4125144.05	62.40	1.50	62.40	
PERIOD		0.23628	ug/m^3	R_479	595044.47	4125164.05	62.20	1.50	62.20	
PERIOD		0.22386	ug/m^3	R_480	595044.47	4125184.05	62.17	1.50	62.17	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.21298	ug/m^3	R_481	595044.47	4125204.05	62.09	1.50	62.09	
PERIOD		0.20286	ug/m^3	R_482	595044.47	4125224.05	61.89	1.50	61.89	
PERIOD		0.19308	ug/m^3	R_483	595044.47	4125244.05	61.68	1.50	61.68	
PERIOD		0.18341	ug/m^3	R_484	595044.47	4125264.05	61.56	1.50	61.56	
PERIOD		0.64427	ug/m^3	R_485	595064.47	4124484.05	66.39	1.50	796.44	
PERIOD		0.78594	ug/m^3	R_486	595064.47	4124504.05	66.25	1.50	796.44	
PERIOD		0.96159	ug/m^3	R_487	595064.47	4124524.05	66.18	1.50	796.44	
PERIOD		1.17770	ug/m^3	R_488	595064.47	4124544.05	66.06	1.50	796.44	
PERIOD		1.43737	ug/m^3	R_489	595064.47	4124564.05	65.86	1.50	65.86	
PERIOD		1.73422	ug/m^3	R_490	595064.47	4124584.05	65.71	1.50	65.71	
PERIOD		2.05173	ug/m^3	R_491	595064.47	4124604.05	65.60	1.50	65.60	
PERIOD		2.35803	ug/m^3	R_492	595064.47	4124624.05	65.54	1.50	65.54	
PERIOD		2.61394	ug/m^3	R_493	595064.47	4124644.05	65.41	1.50	65.41	
PERIOD		2.78037	ug/m^3	R_494	595064.47	4124664.05	65.24	1.50	65.24	
PERIOD		2.83560	ug/m^3	R_495	595064.47	4124684.05	65.04	1.50	65.04	
PERIOD		2.77122	ug/m^3	R_496	595064.47	4124704.05	64.96	1.50	64.96	
PERIOD		2.59779	ug/m^3	R_497	595064.47	4124724.05	64.87	1.50	64.87	
PERIOD		2.33474	ug/m^3	R_498	595064.47	4124744.05	64.72	1.50	64.72	
PERIOD		2.01752	ug/m^3	R_499	595064.47	4124764.05	64.53	1.50	64.53	
PERIOD		1.69025	ug/m^3	R_500	595064.47	4124784.05	64.38	1.50	64.38	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.39002	ug/m^3	R_501	595064.47	4124804.05	64.32	1.50	64.32	
PERIOD		1.14275	ug/m^3	R_502	595064.47	4124824.05	64.19	1.50	64.19	
PERIOD		0.95540	ug/m^3	R_503	595064.47	4124844.05	64.07	1.50	64.07	
PERIOD		0.82085	ug/m^3	R_504	595064.47	4124864.05	64.02	1.50	64.02	
PERIOD		0.72463	ug/m^3	R_505	595064.47	4124884.05	63.83	1.50	63.83	
PERIOD		0.65245	ug/m^3	R_506	595064.47	4124904.05	63.65	1.50	63.65	
PERIOD		0.59496	ug/m^3	R_507	595064.47	4124924.05	63.50	1.50	63.50	
PERIOD		0.54732	ug/m^3	R_508	595064.47	4124944.05	63.43	1.50	63.43	
PERIOD		0.50591	ug/m^3	R_509	595064.47	4124964.05	63.34	1.50	63.34	
PERIOD		0.46720	ug/m^3	R_510	595064.47	4124984.05	63.20	1.50	63.20	
PERIOD		0.42980	ug/m^3	R_511	595064.47	4125004.05	63.00	1.50	63.00	
PERIOD		0.39439	ug/m^3	R_512	595064.47	4125024.05	62.88	1.50	62.88	
PERIOD		0.36130	ug/m^3	R_513	595064.47	4125044.05	62.88	1.50	62.88	
PERIOD		0.33026	ug/m^3	R_514	595064.47	4125064.05	62.70	1.50	62.70	
PERIOD		0.30145	ug/m^3	R_515	595064.47	4125084.05	62.57	1.50	62.57	
PERIOD		0.27560	ug/m^3	R_516	595064.47	4125104.05	62.57	1.50	62.57	
PERIOD		0.25329	ug/m^3	R_517	595064.47	4125124.05	62.39	1.50	62.39	
PERIOD		0.23484	ug/m^3	R_518	595064.47	4125144.05	62.25	1.50	62.25	
PERIOD		0.21999	ug/m^3	R_519	595064.47	4125164.05	62.19	1.50	62.19	
PERIOD		0.20799	ug/m^3	R_520	595064.47	4125184.05	62.05	1.50	62.05	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.19802	ug/m^3	R_521	595064.47	4125204.05	61.89	1.50	61.89	
PERIOD		0.18932	ug/m^3	R_522	595064.47	4125224.05	61.68	1.50	61.68	
PERIOD		0.18131	ug/m^3	R_523	595064.47	4125244.05	61.48	1.50	61.48	
PERIOD		0.17359	ug/m^3	R_524	595064.47	4125264.05	61.35	1.50	61.35	
PERIOD		0.69108	ug/m^3	R_525	595084.47	4124484.05	66.28	1.50	796.44	
PERIOD		0.83560	ug/m^3	R_526	595084.47	4124504.05	66.16	1.50	796.44	
PERIOD		1.01098	ug/m^3	R_527	595084.47	4124524.05	66.07	1.50	796.44	
PERIOD		1.21966	ug/m^3	R_528	595084.47	4124544.05	65.98	1.50	796.44	
PERIOD		1.46020	ug/m^3	R_529	595084.47	4124564.05	65.85	1.50	65.85	
PERIOD		1.72366	ug/m^3	R_530	595084.47	4124584.05	65.66	1.50	65.66	
PERIOD		1.98832	ug/m^3	R_531	595084.47	4124604.05	65.50	1.50	65.50	
PERIOD		2.22214	ug/m^3	R_532	595084.47	4124624.05	65.43	1.50	65.43	
PERIOD		2.39634	ug/m^3	R_533	595084.47	4124644.05	65.24	1.50	65.24	
PERIOD		2.48419	ug/m^3	R_534	595084.47	4124664.05	65.06	1.50	65.06	
PERIOD		2.47434	ug/m^3	R_535	595084.47	4124684.05	64.94	1.50	64.94	
PERIOD		2.36875	ug/m^3	R_536	595084.47	4124704.05	64.86	1.50	64.86	
PERIOD		2.17979	ug/m^3	R_537	595084.47	4124724.05	64.73	1.50	64.73	
PERIOD		1.93056	ug/m^3	R_538	595084.47	4124744.05	64.53	1.50	64.53	
PERIOD		1.65318	ug/m^3	R_539	595084.47	4124764.05	64.39	1.50	64.39	
PERIOD		1.38300	ug/m^3	R_540	595084.47	4124784.05	64.28	1.50	64.28	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.14634	ug/m^3	R_541	595084.47	4124804.05	64.21	1.50	64.21	
PERIOD		0.95591	ug/m^3	R_542	595084.47	4124824.05	64.09	1.50	64.09	
PERIOD		0.81237	ug/m^3	R_543	595084.47	4124844.05	63.98	1.50	63.98	
PERIOD		0.70873	ug/m^3	R_544	595084.47	4124864.05	63.90	1.50	63.90	
PERIOD		0.63361	ug/m^3	R_545	595084.47	4124884.05	63.71	1.50	63.71	
PERIOD		0.57571	ug/m^3	R_546	595084.47	4124904.05	63.54	1.50	63.54	
PERIOD		0.52858	ug/m^3	R_547	595084.47	4124924.05	63.41	1.50	63.41	
PERIOD		0.48943	ug/m^3	R_548	595084.47	4124944.05	63.33	1.50	63.33	
PERIOD		0.45577	ug/m^3	R_549	595084.47	4124964.05	63.21	1.50	63.21	
PERIOD		0.42466	ug/m^3	R_550	595084.47	4124984.05	63.00	1.50	63.00	
PERIOD		0.39434	ug/m^3	R_551	595084.47	4125004.05	62.87	1.50	62.87	
PERIOD		0.36488	ug/m^3	R_552	595084.47	4125024.05	62.76	1.50	62.76	
PERIOD		0.33683	ug/m^3	R_553	595084.47	4125044.05	62.68	1.50	62.68	
PERIOD		0.31016	ug/m^3	R_554	595084.47	4125064.05	62.56	1.50	62.56	
PERIOD		0.28480	ug/m^3	R_555	595084.47	4125084.05	62.46	1.50	62.46	
PERIOD		0.26117	ug/m^3	R_556	595084.47	4125104.05	62.38	1.50	62.38	
PERIOD		0.23994	ug/m^3	R_557	595084.47	4125124.05	62.26	1.50	62.26	
PERIOD		0.22171	ug/m^3	R_558	595084.47	4125144.05	62.15	1.50	62.15	
PERIOD		0.20665	ug/m^3	R_559	595084.47	4125164.05	62.07	1.50	62.07	
PERIOD		0.19449	ug/m^3	R_560	595084.47	4125184.05	61.89	1.50	61.89	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.18465	ug/m^3	R_561	595084.47	4125204.05	61.68	1.50	61.68	
PERIOD		0.17651	ug/m^3	R_562	595084.47	4125224.05	61.48	1.50	61.48	
PERIOD		0.16947	ug/m^3	R_563	595084.47	4125244.05	61.34	1.50	61.34	
PERIOD		0.16305	ug/m^3	R_564	595084.47	4125264.05	61.24	1.50	61.24	
PERIOD		0.73276	ug/m^3	R_565	595104.47	4124484.05	66.14	1.50	796.44	
PERIOD		0.87634	ug/m^3	R_566	595104.47	4124504.05	66.13	1.50	796.44	
PERIOD		1.04796	ug/m^3	R_567	595104.47	4124524.05	65.96	1.50	796.44	
PERIOD		1.24522	ug/m^3	R_568	595104.47	4124544.05	65.83	1.50	796.44	
PERIOD		1.46117	ug/m^3	R_569	595104.47	4124564.05	65.82	1.50	65.82	
PERIOD		1.68676	ug/m^3	R_570	595104.47	4124584.05	65.64	1.50	65.64	
PERIOD		1.89853	ug/m^3	R_571	595104.47	4124604.05	65.45	1.50	65.45	
PERIOD		2.06992	ug/m^3	R_572	595104.47	4124624.05	65.25	1.50	65.25	
PERIOD		2.17716	ug/m^3	R_573	595104.47	4124644.05	65.05	1.50	65.05	
PERIOD		2.20521	ug/m^3	R_574	595104.47	4124664.05	64.92	1.50	64.92	
PERIOD		2.14989	ug/m^3	R_575	595104.47	4124684.05	64.91	1.50	64.91	
PERIOD		2.02221	ug/m^3	R_576	595104.47	4124704.05	64.74	1.50	64.74	
PERIOD		1.83282	ug/m^3	R_577	595104.47	4124724.05	64.54	1.50	64.54	
PERIOD		1.60495	ug/m^3	R_578	595104.47	4124744.05	64.34	1.50	64.34	
PERIOD		1.36612	ug/m^3	R_579	595104.47	4124764.05	64.30	1.50	64.30	
PERIOD		1.14618	ug/m^3	R_580	595104.47	4124784.05	64.23	1.50	64.23	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.95972	ug/m^3	R_581	595104.47	4124804.05	64.03	1.50	64.03	
PERIOD		0.81147	ug/m^3	R_582	595104.47	4124824.05	64.00	1.50	64.00	
PERIOD		0.69982	ug/m^3	R_583	595104.47	4124844.05	63.92	1.50	63.92	
PERIOD		0.61871	ug/m^3	R_584	595104.47	4124864.05	63.71	1.50	63.71	
PERIOD		0.55896	ug/m^3	R_585	595104.47	4124884.05	63.52	1.50	63.52	
PERIOD		0.51185	ug/m^3	R_586	595104.47	4124904.05	63.40	1.50	63.40	
PERIOD		0.47270	ug/m^3	R_587	595104.47	4124924.05	63.39	1.50	63.39	
PERIOD		0.43997	ug/m^3	R_588	595104.47	4124944.05	63.21	1.50	63.21	
PERIOD		0.41208	ug/m^3	R_589	595104.47	4124964.05	63.01	1.50	63.01	
PERIOD		0.38675	ug/m^3	R_590	595104.47	4124984.05	62.81	1.50	62.81	
PERIOD		0.36213	ug/m^3	R_591	595104.47	4125004.05	62.78	1.50	62.78	
PERIOD		0.33783	ug/m^3	R_592	595104.47	4125024.05	62.70	1.50	62.70	
PERIOD		0.31421	ug/m^3	R_593	595104.47	4125044.05	62.50	1.50	62.50	
PERIOD		0.29150	ug/m^3	R_594	595104.47	4125064.05	62.47	1.50	62.47	
PERIOD		0.26952	ug/m^3	R_595	595104.47	4125084.05	62.40	1.50	62.40	
PERIOD		0.24839	ug/m^3	R_596	595104.47	4125104.05	62.20	1.50	62.20	
PERIOD		0.22873	ug/m^3	R_597	595104.47	4125124.05	62.17	1.50	62.17	
PERIOD		0.21111	ug/m^3	R_598	595104.47	4125144.05	62.09	1.50	62.09	
PERIOD		0.19597	ug/m^3	R_599	595104.47	4125164.05	61.89	1.50	61.89	
PERIOD		0.18347	ug/m^3	R_600	595104.47	4125184.05	61.69	1.50	61.69	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.17337	ug/m^3	R_601	595104.47	4125204.05	61.49	1.50	61.49	
PERIOD		0.16522	ug/m^3	R_602	595104.47	4125224.05	61.29	1.50	61.29	
PERIOD		0.15851	ug/m^3	R_603	595104.47	4125244.05	61.26	1.50	61.26	
PERIOD		0.15273	ug/m^3	R_604	595104.47	4125264.05	61.18	1.50	61.18	
PERIOD		0.76731	ug/m^3	R_605	595124.47	4124484.05	66.09	1.50	796.44	
PERIOD		0.90922	ug/m^3	R_606	595124.47	4124504.05	65.94	1.50	796.44	
PERIOD		1.07183	ug/m^3	R_607	595124.47	4124524.05	65.87	1.50	796.44	
PERIOD		1.25275	ug/m^3	R_608	595124.47	4124544.05	65.78	1.50	796.44	
PERIOD		1.44413	ug/m^3	R_609	595124.47	4124564.05	65.64	1.50	65.64	
PERIOD		1.63141	ug/m^3	R_610	595124.47	4124584.05	65.44	1.50	65.44	
PERIOD		1.79260	ug/m^3	R_611	595124.47	4124604.05	65.29	1.50	65.29	
PERIOD		1.90607	ug/m^3	R_612	595124.47	4124624.05	65.23	1.50	65.23	
PERIOD		1.96024	ug/m^3	R_613	595124.47	4124644.05	65.05	1.50	65.05	
PERIOD		1.94675	ug/m^3	R_614	595124.47	4124664.05	64.87	1.50	64.87	
PERIOD		1.86623	ug/m^3	R_615	595124.47	4124684.05	64.72	1.50	64.72	
PERIOD		1.72540	ug/m^3	R_616	595124.47	4124704.05	64.65	1.50	64.65	
PERIOD		1.54209	ug/m^3	R_617	595124.47	4124724.05	64.54	1.50	64.54	
PERIOD		1.34033	ug/m^3	R_618	595124.47	4124744.05	64.34	1.50	64.34	
PERIOD		1.14010	ug/m^3	R_619	595124.47	4124764.05	64.19	1.50	64.19	
PERIOD		0.96219	ug/m^3	R_620	595124.47	4124784.05	64.07	1.50	64.07	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.81444	ug/m^3	R_621	595124.47	4124804.05	64.02	1.50	64.02	
PERIOD		0.69786	ug/m^3	R_622	595124.47	4124824.05	63.88	1.50	63.88	
PERIOD		0.60988	ug/m^3	R_623	595124.47	4124844.05	63.71	1.50	63.71	
PERIOD		0.54525	ug/m^3	R_624	595124.47	4124864.05	63.51	1.50	63.51	
PERIOD		0.49689	ug/m^3	R_625	595124.47	4124884.05	63.43	1.50	63.43	
PERIOD		0.45816	ug/m^3	R_626	595124.47	4124904.05	63.34	1.50	63.34	
PERIOD		0.42538	ug/m^3	R_627	595124.47	4124924.05	63.20	1.50	63.20	
PERIOD		0.39761	ug/m^3	R_628	595124.47	4124944.05	63.00	1.50	63.00	
PERIOD		0.37409	ug/m^3	R_629	595124.47	4124964.05	62.85	1.50	62.85	
PERIOD		0.35310	ug/m^3	R_630	595124.47	4124984.05	62.80	1.50	62.80	
PERIOD		0.33292	ug/m^3	R_631	595124.47	4125004.05	62.66	1.50	62.66	
PERIOD		0.31285	ug/m^3	R_632	595124.47	4125024.05	62.50	1.50	62.50	
PERIOD		0.29310	ug/m^3	R_633	595124.47	4125044.05	62.29	1.50	62.29	
PERIOD		0.27391	ug/m^3	R_634	595124.47	4125064.05	62.27	1.50	62.27	
PERIOD		0.25509	ug/m^3	R_635	595124.47	4125084.05	62.25	1.50	62.25	
PERIOD		0.23662	ug/m^3	R_636	595124.47	4125104.05	62.19	1.50	62.19	
PERIOD		0.21879	ug/m^3	R_637	595124.47	4125124.05	62.05	1.50	62.05	
PERIOD		0.20219	ug/m^3	R_638	595124.47	4125144.05	61.89	1.50	61.89	
PERIOD		0.18735	ug/m^3	R_639	595124.47	4125164.05	61.68	1.50	61.68	
PERIOD		0.17471	ug/m^3	R_640	595124.47	4125184.05	61.61	1.50	61.61	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.16424	ug/m^3	R_641	595124.47	4125204.05	61.49	1.50	61.49	
PERIOD		0.15577	ug/m^3	R_642	595124.47	4125224.05	61.29	1.50	61.29	
PERIOD		0.14891	ug/m^3	R_643	595124.47	4125244.05	61.14	1.50	61.14	
PERIOD		0.14327	ug/m^3	R_644	595124.47	4125264.05	61.03	1.50	61.03	
PERIOD		0.79465	ug/m^3	R_645	595144.47	4124484.05	66.06	1.50	796.44	
PERIOD		0.93136	ug/m^3	R_646	595144.47	4124504.05	65.86	1.50	796.44	
PERIOD		1.08309	ug/m^3	R_647	595144.47	4124524.05	65.77	1.50	796.44	
PERIOD		1.24541	ug/m^3	R_648	595144.47	4124544.05	65.67	1.50	796.44	
PERIOD		1.40832	ug/m^3	R_649	595144.47	4124564.05	65.55	1.50	65.55	
PERIOD		1.55758	ug/m^3	R_650	595144.47	4124584.05	65.35	1.50	65.35	
PERIOD		1.67412	ug/m^3	R_651	595144.47	4124604.05	65.20	1.50	65.20	
PERIOD		1.74254	ug/m^3	R_652	595144.47	4124624.05	65.12	1.50	65.12	
PERIOD		1.75691	ug/m^3	R_653	595144.47	4124644.05	64.93	1.50	64.93	
PERIOD		1.71348	ug/m^3	R_654	595144.47	4124664.05	64.76	1.50	64.76	
PERIOD		1.61584	ug/m^3	R_655	595144.47	4124684.05	64.63	1.50	64.63	
PERIOD		1.47364	ug/m^3	R_656	595144.47	4124704.05	64.55	1.50	64.55	
PERIOD		1.30459	ug/m^3	R_657	595144.47	4124724.05	64.43	1.50	64.43	
PERIOD		1.12789	ug/m^3	R_658	595144.47	4124744.05	64.22	1.50	64.22	
PERIOD		0.96147	ug/m^3	R_659	595144.47	4124764.05	64.09	1.50	64.09	
PERIOD		0.81751	ug/m^3	R_660	595144.47	4124784.05	63.98	1.50	63.98	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.69965	ug/m^3	R_661	595144.47	4124804.05	63.90	1.50	63.90	
PERIOD		0.60707	ug/m^3	R_662	595144.47	4124824.05	63.71	1.50	63.71	
PERIOD		0.53671	ug/m^3	R_663	595144.47	4124844.05	63.54	1.50	63.54	
PERIOD		0.48439	ug/m^3	R_664	595144.47	4124864.05	63.41	1.50	63.41	
PERIOD		0.44477	ug/m^3	R_665	595144.47	4124884.05	63.33	1.50	63.33	
PERIOD		0.41258	ug/m^3	R_666	595144.47	4124904.05	63.21	1.50	63.21	
PERIOD		0.38490	ug/m^3	R_667	595144.47	4124924.05	63.00	1.50	63.00	
PERIOD		0.36111	ug/m^3	R_668	595144.47	4124944.05	62.87	1.50	62.87	
PERIOD		0.34101	ug/m^3	R_669	595144.47	4124964.05	62.76	1.50	62.76	
PERIOD		0.32332	ug/m^3	R_670	595144.47	4124984.05	62.68	1.50	62.68	
PERIOD		0.30653	ug/m^3	R_671	595144.47	4125004.05	62.50	1.50	62.50	
PERIOD		0.28989	ug/m^3	R_672	595144.47	4125024.05	62.32	1.50	62.32	
PERIOD		0.27342	ug/m^3	R_673	595144.47	4125044.05	62.19	1.50	62.19	
PERIOD		0.25725	ug/m^3	R_674	595144.47	4125064.05	62.11	1.50	62.11	
PERIOD		0.24128	ug/m^3	R_675	595144.47	4125084.05	62.06	1.50	62.06	
PERIOD		0.22536	ug/m^3	R_676	595144.47	4125104.05	62.06	1.50	62.06	
PERIOD		0.20956	ug/m^3	R_677	595144.47	4125124.05	61.89	1.50	61.89	
PERIOD		0.19433	ug/m^3	R_678	595144.47	4125144.05	61.71	1.50	61.71	
PERIOD		0.18021	ug/m^3	R_679	595144.47	4125164.05	61.59	1.50	61.59	
PERIOD		0.16765	ug/m^3	R_680	595144.47	4125184.05	61.50	1.50	61.50	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.15694	ug/m^3	R_681	595144.47	4125204.05	61.38	1.50	61.38	
PERIOD		0.14806	ug/m^3	R_682	595144.47	4125224.05	61.17	1.50	61.17	
PERIOD		0.14087	ug/m^3	R_683	595144.47	4125244.05	61.04	1.50	61.04	
PERIOD		0.13506	ug/m^3	R_684	595144.47	4125264.05	60.93	1.50	60.93	
PERIOD		0.81441	ug/m^3	R_685	595164.47	4124484.05	66.05	1.50	796.44	
PERIOD		0.94314	ug/m^3	R_686	595164.47	4124504.05	65.85	1.50	796.44	
PERIOD		1.08242	ug/m^3	R_687	595164.47	4124524.05	65.65	1.50	796.44	
PERIOD		1.22434	ug/m^3	R_688	595164.47	4124544.05	65.53	1.50	796.44	
PERIOD		1.35736	ug/m^3	R_689	595164.47	4124564.05	65.52	1.50	65.52	
PERIOD		1.47088	ug/m^3	R_690	595164.47	4124584.05	65.34	1.50	65.34	
PERIOD		1.54967	ug/m^3	R_691	595164.47	4124604.05	65.14	1.50	65.14	
PERIOD		1.58377	ug/m^3	R_692	595164.47	4124624.05	64.93	1.50	64.93	
PERIOD		1.56867	ug/m^3	R_693	595164.47	4124644.05	64.74	1.50	64.74	
PERIOD		1.50490	ug/m^3	R_694	595164.47	4124664.05	64.61	1.50	64.61	
PERIOD		1.39737	ug/m^3	R_695	595164.47	4124684.05	64.61	1.50	64.61	
PERIOD		1.26156	ug/m^3	R_696	595164.47	4124704.05	64.43	1.50	64.43	
PERIOD		1.10906	ug/m^3	R_697	595164.47	4124724.05	64.23	1.50	64.23	
PERIOD		0.95692	ug/m^3	R_698	595164.47	4124744.05	64.03	1.50	64.03	
PERIOD		0.81914	ug/m^3	R_699	595164.47	4124764.05	64.00	1.50	64.00	
PERIOD		0.70235	ug/m^3	R_700	595164.47	4124784.05	63.92	1.50	63.92	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.60779	ug/m^3	R_701	595164.47	4124804.05	63.71	1.50	63.71	
PERIOD		0.53337	ug/m^3	R_702	595164.47	4124824.05	63.52	1.50	63.52	
PERIOD		0.47634	ug/m^3	R_703	595164.47	4124844.05	63.40	1.50	63.40	
PERIOD		0.43343	ug/m^3	R_704	595164.47	4124864.05	63.39	1.50	63.39	
PERIOD		0.40058	ug/m^3	R_705	595164.47	4124884.05	63.21	1.50	63.21	
PERIOD		0.37356	ug/m^3	R_706	595164.47	4124904.05	63.00	1.50	63.00	
PERIOD		0.35001	ug/m^3	R_707	595164.47	4124924.05	62.80	1.50	62.80	
PERIOD		0.32952	ug/m^3	R_708	595164.47	4124944.05	62.78	1.50	62.78	
PERIOD		0.31213	ug/m^3	R_709	595164.47	4124964.05	62.70	1.50	62.70	
PERIOD		0.29696	ug/m^3	R_710	595164.47	4124984.05	62.50	1.50	62.50	
PERIOD		0.28278	ug/m^3	R_711	595164.47	4125004.05	62.30	1.50	62.30	
PERIOD		0.26887	ug/m^3	R_712	595164.47	4125024.05	62.18	1.50	62.18	
PERIOD		0.25510	ug/m^3	R_713	595164.47	4125044.05	62.17	1.50	62.17	
PERIOD		0.24146	ug/m^3	R_714	595164.47	4125064.05	62.00	1.50	62.00	
PERIOD		0.22797	ug/m^3	R_715	595164.47	4125084.05	61.87	1.50	61.87	
PERIOD		0.21442	ug/m^3	R_716	595164.47	4125104.05	61.86	1.50	61.86	
PERIOD		0.20066	ug/m^3	R_717	595164.47	4125124.05	61.69	1.50	61.69	
PERIOD		0.18703	ug/m^3	R_718	595164.47	4125144.05	61.57	1.50	61.57	
PERIOD		0.17396	ug/m^3	R_719	595164.47	4125164.05	61.56	1.50	61.56	
PERIOD		0.16183	ug/m^3	R_720	595164.47	4125184.05	61.38	1.50	61.38	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.15106	ug/m^3	R_721	595164.47	4125204.05	61.18	1.50	61.18	
PERIOD		0.14189	ug/m^3	R_722	595164.47	4125224.05	60.98	1.50	60.98	
PERIOD		0.13435	ug/m^3	R_723	595164.47	4125244.05	60.95	1.50	60.95	
PERIOD		0.12820	ug/m^3	R_724	595164.47	4125264.05	60.87	1.50	60.87	
PERIOD		0.82805	ug/m^3	R_725	595184.47	4124484.05	65.85	1.50	796.44	
PERIOD		0.94718	ug/m^3	R_726	595184.47	4124504.05	65.64	1.50	796.44	
PERIOD		1.07008	ug/m^3	R_727	595184.47	4124524.05	65.57	1.50	796.44	
PERIOD		1.19013	ug/m^3	R_728	595184.47	4124544.05	65.48	1.50	796.44	
PERIOD		1.29708	ug/m^3	R_729	595184.47	4124564.05	65.33	1.50	65.33	
PERIOD		1.37908	ug/m^3	R_730	595184.47	4124584.05	65.14	1.50	65.14	
PERIOD		1.42609	ug/m^3	R_731	595184.47	4124604.05	64.93	1.50	64.93	
PERIOD		1.43208	ug/m^3	R_732	595184.47	4124624.05	64.73	1.50	64.73	
PERIOD		1.39458	ug/m^3	R_733	595184.47	4124644.05	64.65	1.50	64.65	
PERIOD		1.31838	ug/m^3	R_734	595184.47	4124664.05	64.56	1.50	64.56	
PERIOD		1.21125	ug/m^3	R_735	595184.47	4124684.05	64.42	1.50	64.42	
PERIOD		1.08310	ug/m^3	R_736	595184.47	4124704.05	64.22	1.50	64.22	
PERIOD		0.94763	ug/m^3	R_737	595184.47	4124724.05	64.07	1.50	64.07	
PERIOD		0.81862	ug/m^3	R_738	595184.47	4124744.05	64.02	1.50	64.02	
PERIOD		0.70474	ug/m^3	R_739	595184.47	4124764.05	63.88	1.50	63.88	
PERIOD		0.60977	ug/m^3	R_740	595184.47	4124784.05	63.71	1.50	63.71	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.53316	ug/m^3	R_741	595184.47	4124804.05	63.51	1.50	63.51	
PERIOD		0.47264	ug/m^3	R_742	595184.47	4124824.05	63.43	1.50	63.43	
PERIOD		0.42594	ug/m^3	R_743	595184.47	4124844.05	63.34	1.50	63.34	
PERIOD		0.39042	ug/m^3	R_744	595184.47	4124864.05	63.20	1.50	63.20	
PERIOD		0.36281	ug/m^3	R_745	595184.47	4124884.05	63.00	1.50	63.00	
PERIOD		0.33988	ug/m^3	R_746	595184.47	4124904.05	62.80	1.50	62.80	
PERIOD		0.31971	ug/m^3	R_747	595184.47	4124924.05	62.60	1.50	62.60	
PERIOD		0.30197	ug/m^3	R_748	595184.47	4124944.05	62.57	1.50	62.57	
PERIOD		0.28680	ug/m^3	R_749	595184.47	4124964.05	62.50	1.50	62.50	
PERIOD		0.27363	ug/m^3	R_750	595184.47	4124984.05	62.29	1.50	62.29	
PERIOD		0.26153	ug/m^3	R_751	595184.47	4125004.05	62.22	1.50	62.22	
PERIOD		0.24974	ug/m^3	R_752	595184.47	4125024.05	62.12	1.50	62.12	
PERIOD		0.23804	ug/m^3	R_753	595184.47	4125044.05	61.98	1.50	61.98	
PERIOD		0.22656	ug/m^3	R_754	595184.47	4125064.05	61.91	1.50	61.91	
PERIOD		0.21520	ug/m^3	R_755	595184.47	4125084.05	61.82	1.50	61.82	
PERIOD		0.20373	ug/m^3	R_756	595184.47	4125104.05	61.68	1.50	61.68	
PERIOD		0.19199	ug/m^3	R_757	595184.47	4125124.05	61.61	1.50	61.61	
PERIOD		0.18003	ug/m^3	R_758	595184.47	4125144.05	61.51	1.50	61.51	
PERIOD		0.16812	ug/m^3	R_759	595184.47	4125164.05	61.37	1.50	61.37	
PERIOD		0.15671	ug/m^3	R_760	595184.47	4125184.05	61.17	1.50	61.17	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.14622	ug/m^3	R_761	595184.47	4125204.05	61.03	1.50	61.03	
PERIOD		0.13698	ug/m^3	R_762	595184.47	4125224.05	60.97	1.50	60.97	
PERIOD		0.12910	ug/m^3	R_763	595184.47	4125244.05	60.83	1.50	60.83	
PERIOD		0.12259	ug/m^3	R_764	595184.47	4125264.05	60.72	1.50	60.72	
PERIOD		0.83334	ug/m^3	R_765	595204.47	4124484.05	65.76	1.50	796.44	
PERIOD		0.94109	ug/m^3	R_766	595204.47	4124504.05	65.56	1.50	796.44	
PERIOD		1.04800	ug/m^3	R_767	595204.47	4124524.05	65.46	1.50	796.44	
PERIOD		1.14657	ug/m^3	R_768	595204.47	4124544.05	65.37	1.50	796.44	
PERIOD		1.22761	ug/m^3	R_769	595204.47	4124564.05	65.24	1.50	65.24	
PERIOD		1.28220	ug/m^3	R_770	595204.47	4124584.05	65.05	1.50	65.05	
PERIOD		1.30334	ug/m^3	R_771	595204.47	4124604.05	64.85	1.50	64.85	
PERIOD		1.28835	ug/m^3	R_772	595204.47	4124624.05	64.64	1.50	64.64	
PERIOD		1.23689	ug/m^3	R_773	595204.47	4124644.05	64.55	1.50	64.55	
PERIOD		1.15513	ug/m^3	R_774	595204.47	4124664.05	64.43	1.50	64.43	
PERIOD		1.05041	ug/m^3	R_775	595204.47	4124684.05	64.22	1.50	64.22	
PERIOD		0.93294	ug/m^3	R_776	595204.47	4124704.05	64.09	1.50	64.09	
PERIOD		0.81507	ug/m^3	R_777	595204.47	4124724.05	63.98	1.50	63.98	
PERIOD		0.70619	ug/m^3	R_778	595204.47	4124744.05	63.90	1.50	63.90	
PERIOD		0.61210	ug/m^3	R_779	595204.47	4124764.05	63.71	1.50	63.71	
PERIOD		0.53429	ug/m^3	R_780	595204.47	4124784.05	63.54	1.50	63.54	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.47166	ug/m^3	R_781	595204.47	4124804.05	63.41	1.50	63.41	
PERIOD		0.42208	ug/m^3	R_782	595204.47	4124824.05	63.33	1.50	63.33	
PERIOD		0.38348	ug/m^3	R_783	595204.47	4124844.05	63.21	1.50	63.21	
PERIOD		0.35372	ug/m^3	R_784	595204.47	4124864.05	63.00	1.50	63.00	
PERIOD		0.33027	ug/m^3	R_785	595204.47	4124884.05	62.87	1.50	62.87	
PERIOD		0.31064	ug/m^3	R_786	595204.47	4124904.05	62.71	1.50	62.71	
PERIOD		0.29325	ug/m^3	R_787	595204.47	4124924.05	62.51	1.50	62.51	
PERIOD		0.27783	ug/m^3	R_788	595204.47	4124944.05	62.42	1.50	62.42	
PERIOD		0.26452	ug/m^3	R_789	595204.47	4124964.05	62.32	1.50	62.32	
PERIOD		0.25300	ug/m^3	R_790	595204.47	4124984.05	62.19	1.50	62.19	
PERIOD		0.24252	ug/m^3	R_791	595204.47	4125004.05	62.11	1.50	62.11	
PERIOD		0.23238	ug/m^3	R_792	595204.47	4125024.05	62.02	1.50	62.02	
PERIOD		0.22238	ug/m^3	R_793	595204.47	4125044.05	61.89	1.50	61.89	
PERIOD		0.21257	ug/m^3	R_794	595204.47	4125064.05	61.81	1.50	61.81	
PERIOD		0.20294	ug/m^3	R_795	595204.47	4125084.05	61.71	1.50	61.71	
PERIOD		0.19330	ug/m^3	R_796	595204.47	4125104.05	61.59	1.50	61.59	
PERIOD		0.18338	ug/m^3	R_797	595204.47	4125124.05	61.50	1.50	61.50	
PERIOD		0.17305	ug/m^3	R_798	595204.47	4125144.05	61.38	1.50	61.38	
PERIOD		0.16248	ug/m^3	R_799	595204.47	4125164.05	61.17	1.50	61.17	
PERIOD		0.15201	ug/m^3	R_800	595204.47	4125184.05	61.04	1.50	61.04	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.14206	ug/m^3	R_801	595204.47	4125204.05	60.93	1.50	60.93	
PERIOD		0.13296	ug/m^3	R_802	595204.47	4125224.05	60.85	1.50	60.85	
PERIOD		0.12493	ug/m^3	R_803	595204.47	4125244.05	60.73	1.50	60.73	
PERIOD		0.11810	ug/m^3	R_804	595204.47	4125264.05	60.63	1.50	60.63	
PERIOD		0.83086	ug/m^3	R_805	595224.47	4124484.05	65.75	1.50	796.44	
PERIOD		0.92611	ug/m^3	R_806	595224.47	4124504.05	65.56	1.50	796.44	
PERIOD		1.01726	ug/m^3	R_807	595224.47	4124524.05	65.35	1.50	796.44	
PERIOD		1.09563	ug/m^3	R_808	595224.47	4124544.05	65.22	1.50	796.44	
PERIOD		1.15257	ug/m^3	R_809	595224.47	4124564.05	65.21	1.50	65.21	
PERIOD		1.18393	ug/m^3	R_810	595224.47	4124584.05	65.04	1.50	65.04	
PERIOD		1.18495	ug/m^3	R_811	595224.47	4124604.05	64.83	1.50	64.83	
PERIOD		1.15459	ug/m^3	R_812	595224.47	4124624.05	64.63	1.50	64.63	
PERIOD		1.09551	ug/m^3	R_813	595224.47	4124644.05	64.43	1.50	64.43	
PERIOD		1.01199	ug/m^3	R_814	595224.47	4124664.05	64.24	1.50	64.24	
PERIOD		0.91259	ug/m^3	R_815	595224.47	4124684.05	64.03	1.50	64.03	
PERIOD		0.80754	ug/m^3	R_816	595224.47	4124704.05	64.00	1.50	64.00	
PERIOD		0.70587	ug/m^3	R_817	595224.47	4124724.05	63.92	1.50	63.92	
PERIOD		0.61434	ug/m^3	R_818	595224.47	4124744.05	63.73	1.50	63.73	
PERIOD		0.53625	ug/m^3	R_819	595224.47	4124764.05	63.52	1.50	63.52	
PERIOD		0.47205	ug/m^3	R_820	595224.47	4124784.05	63.40	1.50	63.40	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.42046	ug/m^3	R_821	595224.47	4124804.05	63.39	1.50	63.39	
PERIOD		0.37956	ug/m^3	R_822	595224.47	4124824.05	63.21	1.50	63.21	
PERIOD		0.34737	ug/m^3	R_823	595224.47	4124844.05	63.01	1.50	63.01	
PERIOD		0.32216	ug/m^3	R_824	595224.47	4124864.05	62.81	1.50	62.81	
PERIOD		0.30205	ug/m^3	R_825	595224.47	4124884.05	62.78	1.50	62.78	
PERIOD		0.28508	ug/m^3	R_826	595224.47	4124904.05	62.70	1.50	62.70	
PERIOD		0.27000	ug/m^3	R_827	595224.47	4124924.05	62.50	1.50	62.50	
PERIOD		0.25654	ug/m^3	R_828	595224.47	4124944.05	62.30	1.50	62.30	
PERIOD		0.24483	ug/m^3	R_829	595224.47	4124964.05	62.18	1.50	62.18	
PERIOD		0.23471	ug/m^3	R_830	595224.47	4124984.05	62.17	1.50	62.17	
PERIOD		0.22550	ug/m^3	R_831	595224.47	4125004.05	62.00	1.50	62.00	
PERIOD		0.21667	ug/m^3	R_832	595224.47	4125024.05	61.87	1.50	61.87	
PERIOD		0.20804	ug/m^3	R_833	595224.47	4125044.05	61.86	1.50	61.86	
PERIOD		0.19953	ug/m^3	R_834	595224.47	4125064.05	61.68	1.50	61.68	
PERIOD		0.19129	ug/m^3	R_835	595224.47	4125084.05	61.56	1.50	61.56	
PERIOD		0.18318	ug/m^3	R_836	595224.47	4125104.05	61.56	1.50	61.56	
PERIOD		0.17481	ug/m^3	R_837	595224.47	4125124.05	61.38	1.50	61.38	
PERIOD		0.16603	ug/m^3	R_838	595224.47	4125144.05	61.18	1.50	61.18	
PERIOD		0.15683	ug/m^3	R_839	595224.47	4125164.05	60.98	1.50	60.98	
PERIOD		0.14750	ug/m^3	R_840	595224.47	4125184.05	60.95	1.50	60.95	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.13827	ug/m^3	R_841	595224.47	4125204.05	60.87	1.50	60.87	
PERIOD		0.12949	ug/m^3	R_842	595224.47	4125224.05	60.68	1.50	60.68	
PERIOD		0.12153	ug/m^3	R_843	595224.47	4125244.05	60.65	1.50	60.65	
PERIOD		0.11452	ug/m^3	R_844	595224.47	4125264.05	60.57	1.50	60.57	
PERIOD		0.10854	ug/m^3	R_845	595224.47	4125284.05	60.37	1.50	60.37	
PERIOD		0.82263	ug/m^3	R_846	595244.47	4124484.05	65.60	1.50	796.44	
PERIOD		0.90408	ug/m^3	R_847	595244.47	4124504.05	65.54	1.50	796.44	
PERIOD		0.97860	ug/m^3	R_848	595244.47	4124524.05	65.35	1.50	796.44	
PERIOD		1.03826	ug/m^3	R_849	595244.47	4124544.05	65.17	1.50	796.44	
PERIOD		1.07636	ug/m^3	R_850	595244.47	4124564.05	65.03	1.50	65.03	
PERIOD		1.08928	ug/m^3	R_851	595244.47	4124584.05	64.83	1.50	64.83	
PERIOD		1.07479	ug/m^3	R_852	595244.47	4124604.05	64.63	1.50	64.63	
PERIOD		1.03394	ug/m^3	R_853	595244.47	4124624.05	64.43	1.50	64.43	
PERIOD		0.96925	ug/m^3	R_854	595244.47	4124644.05	64.35	1.50	64.35	
PERIOD		0.88699	ug/m^3	R_855	595244.47	4124664.05	64.24	1.50	64.24	
PERIOD		0.79552	ug/m^3	R_856	595244.47	4124684.05	64.03	1.50	64.03	
PERIOD		0.70279	ug/m^3	R_857	595244.47	4124704.05	63.88	1.50	63.88	
PERIOD		0.61566	ug/m^3	R_858	595244.47	4124724.05	63.77	1.50	63.77	
PERIOD		0.53847	ug/m^3	R_859	595244.47	4124744.05	63.71	1.50	63.71	
PERIOD		0.47336	ug/m^3	R_860	595244.47	4124764.05	63.52	1.50	63.52	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.42018	ug/m^3	R_861	595244.47	4124784.05	63.34	1.50	63.34	
PERIOD		0.37748	ug/m^3	R_862	595244.47	4124804.05	63.20	1.50	63.20	
PERIOD		0.34344	ug/m^3	R_863	595244.47	4124824.05	63.00	1.50	63.00	
PERIOD		0.31637	ug/m^3	R_864	595244.47	4124844.05	62.85	1.50	62.85	
PERIOD		0.29486	ug/m^3	R_865	595244.47	4124864.05	62.80	1.50	62.80	
PERIOD		0.27743	ug/m^3	R_866	595244.47	4124884.05	62.66	1.50	62.66	
PERIOD		0.26261	ug/m^3	R_867	595244.47	4124904.05	62.50	1.50	62.50	
PERIOD		0.24942	ug/m^3	R_868	595244.47	4124924.05	62.29	1.50	62.29	
PERIOD		0.23766	ug/m^3	R_869	595244.47	4124944.05	62.22	1.50	62.22	
PERIOD		0.22735	ug/m^3	R_870	595244.47	4124964.05	62.12	1.50	62.12	
PERIOD		0.21836	ug/m^3	R_871	595244.47	4124984.05	61.98	1.50	61.98	
PERIOD		0.21026	ug/m^3	R_872	595244.47	4125004.05	61.91	1.50	61.91	
PERIOD		0.20252	ug/m^3	R_873	595244.47	4125024.05	61.82	1.50	61.82	
PERIOD		0.19491	ug/m^3	R_874	595244.47	4125044.05	61.68	1.50	61.68	
PERIOD		0.18745	ug/m^3	R_875	595244.47	4125064.05	61.48	1.50	61.48	
PERIOD		0.18029	ug/m^3	R_876	595244.47	4125084.05	61.35	1.50	61.35	
PERIOD		0.17337	ug/m^3	R_877	595244.47	4125104.05	61.35	1.50	61.35	
PERIOD		0.16634	ug/m^3	R_878	595244.47	4125124.05	61.17	1.50	61.17	
PERIOD		0.15898	ug/m^3	R_879	595244.47	4125144.05	61.03	1.50	61.03	
PERIOD		0.15118	ug/m^3	R_880	595244.47	4125164.05	60.97	1.50	60.97	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.14296	ug/m^3	R_881	595244.47	4125184.05	60.83	1.50	60.83	
PERIOD		0.13459	ug/m^3	R_882	595244.47	4125204.05	60.72	1.50	60.72	
PERIOD		0.12639	ug/m^3	R_883	595244.47	4125224.05	60.66	1.50	60.66	
PERIOD		0.11864	ug/m^3	R_884	595244.47	4125244.05	60.53	1.50	60.53	
PERIOD		0.11161	ug/m^3	R_885	595244.47	4125264.05	60.42	1.50	60.42	
PERIOD		0.10544	ug/m^3	R_886	595244.47	4125284.05	60.36	1.50	60.36	
PERIOD		0.80792	ug/m^3	R_887	595264.47	4124484.05	65.50	1.50	796.44	
PERIOD		0.87649	ug/m^3	R_888	595264.47	4124504.05	65.43	1.50	796.44	
PERIOD		0.93537	ug/m^3	R_889	595264.47	4124524.05	65.24	1.50	796.44	
PERIOD		0.97801	ug/m^3	R_890	595264.47	4124544.05	65.04	1.50	796.44	
PERIOD		0.99973	ug/m^3	R_891	595264.47	4124564.05	64.83	1.50	64.83	
PERIOD		0.99722	ug/m^3	R_892	595264.47	4124584.05	64.70	1.50	64.70	
PERIOD		0.97110	ug/m^3	R_893	595264.47	4124604.05	64.54	1.50	64.54	
PERIOD		0.92355	ug/m^3	R_894	595264.47	4124624.05	64.34	1.50	64.34	
PERIOD		0.85702	ug/m^3	R_895	595264.47	4124644.05	64.25	1.50	64.25	
PERIOD		0.77902	ug/m^3	R_896	595264.47	4124664.05	64.12	1.50	64.12	
PERIOD		0.69628	ug/m^3	R_897	595264.47	4124684.05	63.92	1.50	63.92	
PERIOD		0.61523	ug/m^3	R_898	595264.47	4124704.05	63.78	1.50	63.78	
PERIOD		0.54068	ug/m^3	R_899	595264.47	4124724.05	63.67	1.50	63.67	
PERIOD		0.47551	ug/m^3	R_900	595264.47	4124744.05	63.60	1.50	63.60	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.42100	ug/m^3	R_901	595264.47	4124764.05	63.41	1.50	63.41	
PERIOD		0.37664	ug/m^3	R_902	595264.47	4124784.05	63.24	1.50	63.24	
PERIOD		0.34101	ug/m^3	R_903	595264.47	4124804.05	63.11	1.50	63.11	
PERIOD		0.31247	ug/m^3	R_904	595264.47	4124824.05	62.92	1.50	62.92	
PERIOD		0.28955	ug/m^3	R_905	595264.47	4124844.05	62.76	1.50	62.76	
PERIOD		0.27106	ug/m^3	R_906	595264.47	4124864.05	62.68	1.50	62.68	
PERIOD		0.25583	ug/m^3	R_907	595264.47	4124884.05	62.50	1.50	62.50	
PERIOD		0.24277	ug/m^3	R_908	595264.47	4124904.05	62.32	1.50	62.32	
PERIOD		0.23117	ug/m^3	R_909	595264.47	4124924.05	62.19	1.50	62.19	
PERIOD		0.22081	ug/m^3	R_910	595264.47	4124944.05	62.11	1.50	62.11	
PERIOD		0.21171	ug/m^3	R_911	595264.47	4124964.05	62.02	1.50	62.02	
PERIOD		0.20375	ug/m^3	R_912	595264.47	4124984.05	61.89	1.50	61.89	
PERIOD		0.19657	ug/m^3	R_913	595264.47	4125004.05	61.81	1.50	61.81	
PERIOD		0.18972	ug/m^3	R_914	595264.47	4125024.05	61.68	1.50	61.68	
PERIOD		0.18295	ug/m^3	R_915	595264.47	4125044.05	61.48	1.50	61.48	
PERIOD		0.17636	ug/m^3	R_916	595264.47	4125064.05	61.34	1.50	61.34	
PERIOD		0.17006	ug/m^3	R_917	595264.47	4125084.05	61.24	1.50	61.24	
PERIOD		0.16404	ug/m^3	R_918	595264.47	4125104.05	61.16	1.50	61.16	
PERIOD		0.15809	ug/m^3	R_919	595264.47	4125124.05	61.04	1.50	61.04	
PERIOD		0.15194	ug/m^3	R_920	595264.47	4125144.05	60.93	1.50	60.93	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.14537	ug/m^3	R_921	595264.47	4125164.05	60.85	1.50	60.85	
PERIOD		0.13832	ug/m^3	R_922	595264.47	4125184.05	60.73	1.50	60.73	
PERIOD		0.13090	ug/m^3	R_923	595264.47	4125204.05	60.63	1.50	60.63	
PERIOD		0.12339	ug/m^3	R_924	595264.47	4125224.05	60.55	1.50	60.55	
PERIOD		0.11606	ug/m^3	R_925	595264.47	4125244.05	60.43	1.50	60.43	
PERIOD		0.10917	ug/m^3	R_926	595264.47	4125264.05	60.32	1.50	60.32	
PERIOD		0.10294	ug/m^3	R_927	595264.47	4125284.05	60.24	1.50	60.24	
PERIOD		0.87637	ug/m^3	R_928	594493.04	4124844.56	68.07	1.50	68.07	
PERIOD		1.04750	ug/m^3	R_929	594493.04	4124864.56	68.07	1.50	68.07	
PERIOD		1.26430	ug/m^3	R_930	594493.04	4124884.56	68.01	1.50	68.01	
PERIOD		1.51911	ug/m^3	R_931	594493.04	4124904.56	67.92	1.50	67.92	
PERIOD		1.79276	ug/m^3	R_932	594493.04	4124924.56	67.78	1.50	67.78	
PERIOD		2.06354	ug/m^3	R_933	594493.04	4124944.56	67.71	1.50	67.71	
PERIOD		2.31426	ug/m^3	R_934	594493.04	4124964.56	67.61	1.50	67.61	
PERIOD		2.52408	ug/m^3	R_935	594493.04	4124984.56	67.48	1.50	67.48	
PERIOD		2.66691	ug/m^3	R_936	594493.04	4125004.56	67.40	1.50	67.40	
PERIOD		2.72791	ug/m^3	R_937	594493.04	4125024.56	67.31	1.50	67.31	
PERIOD		2.70947	ug/m^3	R_938	594493.04	4125044.56	67.17	1.50	67.17	
PERIOD		2.62425	ug/m^3	R_939	594493.04	4125064.56	66.98	1.50	66.98	
PERIOD		2.48737	ug/m^3	R_940	594493.04	4125084.56	66.83	1.50	66.83	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.31403	ug/m^3	R_941	594493.04	4125104.56	66.76	1.50	66.76	
PERIOD		2.12048	ug/m^3	R_942	594493.04	4125124.56	66.63	1.50	66.63	
PERIOD		1.91875	ug/m^3	R_943	594493.04	4125144.56	66.52	1.50	66.52	
PERIOD		1.72078	ug/m^3	R_944	594493.04	4125164.56	66.45	1.50	66.45	
PERIOD		1.53652	ug/m^3	R_945	594493.04	4125184.56	66.32	1.50	66.32	
PERIOD		1.02352	ug/m^3	R_946	594513.04	4124844.56	67.87	1.50	67.87	
PERIOD		1.24367	ug/m^3	R_947	594513.04	4124864.56	67.87	1.50	67.87	
PERIOD		1.51688	ug/m^3	R_948	594513.04	4124884.56	67.87	1.50	67.87	
PERIOD		1.82843	ug/m^3	R_949	594513.04	4124904.56	67.79	1.50	67.79	
PERIOD		2.15260	ug/m^3	R_950	594513.04	4124924.56	67.58	1.50	67.58	
PERIOD		2.45917	ug/m^3	R_951	594513.04	4124944.56	67.57	1.50	67.57	
PERIOD		2.73143	ug/m^3	R_952	594513.04	4124964.56	67.48	1.50	67.48	
PERIOD		2.94223	ug/m^3	R_953	594513.04	4124984.56	67.28	1.50	67.28	
PERIOD		3.05525	ug/m^3	R_954	594513.04	4125004.56	67.26	1.50	67.26	
PERIOD		3.06584	ug/m^3	R_955	594513.04	4125024.56	67.18	1.50	67.18	
PERIOD		2.98672	ug/m^3	R_956	594513.04	4125044.56	66.98	1.50	66.98	
PERIOD		2.83580	ug/m^3	R_957	594513.04	4125064.56	66.83	1.50	66.83	
PERIOD		2.63572	ug/m^3	R_958	594513.04	4125084.56	66.72	1.50	66.72	
PERIOD		2.40605	ug/m^3	R_959	594513.04	4125104.56	66.66	1.50	66.66	
PERIOD		2.16619	ug/m^3	R_960	594513.04	4125124.56	66.53	1.50	66.53	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.93061	ug/m^3	R_961	594513.04	4125144.56	66.42	1.50	66.42	
PERIOD		1.71121	ug/m^3	R_962	594513.04	4125164.56	66.35	1.50	66.35	
PERIOD		1.51621	ug/m^3	R_963	594513.04	4125184.56	66.16	1.50	66.16	
PERIOD		1.21448	ug/m^3	R_964	594533.04	4124844.56	67.67	1.50	67.67	
PERIOD		1.50138	ug/m^3	R_965	594533.04	4124864.56	67.67	1.50	67.67	
PERIOD		1.84786	ug/m^3	R_966	594533.04	4124884.56	67.67	1.50	67.67	
PERIOD		2.22818	ug/m^3	R_967	594533.04	4124904.56	67.58	1.50	67.58	
PERIOD		2.60780	ug/m^3	R_968	594533.04	4124924.56	67.38	1.50	67.38	
PERIOD		2.95122	ug/m^3	R_969	594533.04	4124944.56	67.36	1.50	67.36	
PERIOD		3.23731	ug/m^3	R_970	594533.04	4124964.56	67.28	1.50	67.28	
PERIOD		3.42923	ug/m^3	R_971	594533.04	4124984.56	67.08	1.50	67.08	
PERIOD		3.48904	ug/m^3	R_972	594533.04	4125004.56	67.06	1.50	67.06	
PERIOD		3.42530	ug/m^3	R_973	594533.04	4125024.56	66.98	1.50	66.98	
PERIOD		3.26464	ug/m^3	R_974	594533.04	4125044.56	66.77	1.50	66.77	
PERIOD		3.03083	ug/m^3	R_975	594533.04	4125064.56	66.75	1.50	66.75	
PERIOD		2.75776	ug/m^3	R_976	594533.04	4125084.56	66.67	1.50	66.67	
PERIOD		2.47002	ug/m^3	R_977	594533.04	4125104.56	66.47	1.50	66.47	
PERIOD		2.18443	ug/m^3	R_978	594533.04	4125124.56	66.45	1.50	66.45	
PERIOD		1.92099	ug/m^3	R_979	594533.04	4125144.56	66.36	1.50	66.36	
PERIOD		1.68858	ug/m^3	R_980	594533.04	4125164.56	66.16	1.50	66.16	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.48853	ug/m^3	R_981	594533.04	4125184.56	65.96	1.50	65.96	
PERIOD		1.46654	ug/m^3	R_982	594553.04	4124844.56	67.61	1.50	67.61	
PERIOD		1.84583	ug/m^3	R_983	594553.04	4124864.56	67.48	1.50	67.48	
PERIOD		2.28611	ug/m^3	R_984	594553.04	4124884.56	67.46	1.50	67.46	
PERIOD		2.74543	ug/m^3	R_985	594553.04	4124904.56	67.44	1.50	67.44	
PERIOD		3.17977	ug/m^3	R_986	594553.04	4124924.56	67.37	1.50	67.37	
PERIOD		3.55825	ug/m^3	R_987	594553.04	4124944.56	67.24	1.50	67.24	
PERIOD		3.84164	ug/m^3	R_988	594553.04	4124964.56	67.13	1.50	67.13	
PERIOD		3.98094	ug/m^3	R_989	594553.04	4124984.56	67.06	1.50	67.06	
PERIOD		3.95885	ug/m^3	R_990	594553.04	4125004.56	66.93	1.50	66.93	
PERIOD		3.79320	ug/m^3	R_991	594553.04	4125024.56	66.83	1.50	66.83	
PERIOD		3.52531	ug/m^3	R_992	594553.04	4125044.56	66.76	1.50	66.76	
PERIOD		3.19872	ug/m^3	R_993	594553.04	4125064.56	66.63	1.50	66.63	
PERIOD		2.84706	ug/m^3	R_994	594553.04	4125084.56	66.47	1.50	66.47	
PERIOD		2.50029	ug/m^3	R_995	594553.04	4125104.56	66.26	1.50	66.26	
PERIOD		2.17748	ug/m^3	R_996	594553.04	4125124.56	66.24	1.50	66.24	
PERIOD		1.89514	ug/m^3	R_997	594553.04	4125144.56	66.16	1.50	66.16	
PERIOD		1.65625	ug/m^3	R_998	594553.04	4125164.56	65.96	1.50	65.96	
PERIOD		1.45575	ug/m^3	R_999	594553.04	4125184.56	65.88	1.50	65.88	
PERIOD		4.60302	ug/m^3	R_1000	594573.04	4124984.56	66.96	1.50	66.96	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		4.45800	ug/m^3	R_1001	594573.04	4125004.56	66.77	1.50	66.77	
PERIOD		4.15726	ug/m^3	R_1002	594573.04	4125024.56	66.65	1.50	66.65	
PERIOD		3.75930	ug/m^3	R_1003	594573.04	4125044.56	66.65	1.50	66.65	
PERIOD		3.32506	ug/m^3	R_1004	594573.04	4125064.56	66.47	1.50	66.47	
PERIOD		2.89277	ug/m^3	R_1005	594573.04	4125084.56	66.29	1.50	66.29	
PERIOD		2.49439	ug/m^3	R_1006	594573.04	4125104.56	66.15	1.50	66.15	
PERIOD		2.14735	ug/m^3	R_1007	594573.04	4125124.56	66.08	1.50	66.08	
PERIOD		1.85662	ug/m^3	R_1008	594573.04	4125144.56	65.99	1.50	65.99	
PERIOD		1.61775	ug/m^3	R_1009	594573.04	4125164.56	65.85	1.50	65.85	
PERIOD		1.42146	ug/m^3	R_1010	594573.04	4125184.56	65.78	1.50	65.78	
PERIOD		5.29315	ug/m^3	R_1011	594593.04	4124984.56	66.75	1.50	66.75	
PERIOD		4.97247	ug/m^3	R_1012	594593.04	4125004.56	66.57	1.50	66.57	
PERIOD		4.49696	ug/m^3	R_1013	594593.04	4125024.56	66.45	1.50	66.45	
PERIOD		3.94552	ug/m^3	R_1014	594593.04	4125044.56	66.45	1.50	66.45	
PERIOD		3.39671	ug/m^3	R_1015	594593.04	4125064.56	66.26	1.50	66.26	
PERIOD		2.89197	ug/m^3	R_1016	594593.04	4125084.56	66.14	1.50	66.14	
PERIOD		2.45684	ug/m^3	R_1017	594593.04	4125104.56	66.14	1.50	66.14	
PERIOD		2.10041	ug/m^3	R_1018	594593.04	4125124.56	65.96	1.50	65.96	
PERIOD		1.81084	ug/m^3	R_1019	594593.04	4125144.56	65.84	1.50	65.84	
PERIOD		1.57618	ug/m^3	R_1020	594593.04	4125164.56	65.84	1.50	65.84	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.38678	ug/m^3	R_1021	594593.04	4125184.56	65.65	1.50	65.65	
PERIOD		6.03870	ug/m^3	R_1022	594613.04	4124984.56	66.55	1.50	66.55	
PERIOD		5.47661	ug/m^3	R_1023	594613.04	4125004.56	66.37	1.50	66.37	
PERIOD		4.77967	ug/m^3	R_1024	594613.04	4125024.56	66.24	1.50	66.24	
PERIOD		4.05917	ug/m^3	R_1025	594613.04	4125044.56	66.24	1.50	66.24	
PERIOD		3.40282	ug/m^3	R_1026	594613.04	4125064.56	66.18	1.50	66.18	
PERIOD		2.84827	ug/m^3	R_1027	594613.04	4125084.56	66.09	1.50	66.09	
PERIOD		2.40039	ug/m^3	R_1028	594613.04	4125104.56	65.95	1.50	65.95	
PERIOD		2.04500	ug/m^3	R_1029	594613.04	4125124.56	65.76	1.50	65.76	
PERIOD		1.76234	ug/m^3	R_1030	594613.04	4125144.56	65.63	1.50	65.63	
PERIOD		1.53501	ug/m^3	R_1031	594613.04	4125164.56	65.63	1.50	65.63	
PERIOD		1.35152	ug/m^3	R_1032	594613.04	4125184.56	65.45	1.50	65.45	
PERIOD		6.81753	ug/m^3	R_1033	594633.04	4124984.56	66.35	1.50	66.35	
PERIOD		5.92101	ug/m^3	R_1034	594633.04	4125004.56	66.22	1.50	66.22	
PERIOD		4.96239	ug/m^3	R_1035	594633.04	4125024.56	66.11	1.50	66.11	
PERIOD		4.08444	ug/m^3	R_1036	594633.04	4125044.56	66.05	1.50	66.05	
PERIOD		3.35266	ug/m^3	R_1037	594633.04	4125064.56	66.04	1.50	66.04	
PERIOD		2.77604	ug/m^3	R_1038	594633.04	4125084.56	65.96	1.50	65.96	
PERIOD		2.33085	ug/m^3	R_1039	594633.04	4125104.56	65.76	1.50	65.76	
PERIOD		1.98409	ug/m^3	R_1040	594633.04	4125124.56	65.61	1.50	65.61	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.71070	ug/m^3	R_1041	594633.04	4125144.56	65.50	1.50	65.50	
PERIOD		1.49135	ug/m^3	R_1042	594633.04	4125164.56	65.44	1.50	65.44	
PERIOD		1.31306	ug/m^3	R_1043	594633.04	4125184.56	65.31	1.50	65.31	
PERIOD		7.56606	ug/m^3	R_1044	594653.04	4124984.56	66.14	1.50	66.14	
PERIOD		6.23289	ug/m^3	R_1045	594653.04	4125004.56	66.14	1.50	66.14	
PERIOD		5.01398	ug/m^3	R_1046	594653.04	4125024.56	66.06	1.50	66.06	
PERIOD		4.02491	ug/m^3	R_1047	594653.04	4125044.56	65.86	1.50	65.86	
PERIOD		3.26034	ug/m^3	R_1048	594653.04	4125064.56	65.84	1.50	65.84	
PERIOD		2.68636	ug/m^3	R_1049	594653.04	4125084.56	65.76	1.50	65.76	
PERIOD		2.25364	ug/m^3	R_1050	594653.04	4125104.56	65.55	1.50	65.55	
PERIOD		1.91743	ug/m^3	R_1051	594653.04	4125124.56	65.53	1.50	65.53	
PERIOD		1.65349	ug/m^3	R_1052	594653.04	4125144.56	65.45	1.50	65.45	
PERIOD		1.44210	ug/m^3	R_1053	594653.04	4125164.56	65.25	1.50	65.25	
PERIOD		1.26800	ug/m^3	R_1054	594653.04	4125184.56	65.23	1.50	65.23	
PERIOD		1.58623	ug/m^3	R_1055	594673.04	4125144.56	65.25	1.50	65.25	
PERIOD		1.38111	ug/m^3	R_1056	594673.04	4125164.56	65.04	1.50	65.04	
PERIOD		1.21183	ug/m^3	R_1057	594673.04	4125184.56	65.03	1.50	65.03	
PERIOD		1.49812	ug/m^3	R_1058	594693.04	4125144.56	65.04	1.50	65.04	
PERIOD		1.30050	ug/m^3	R_1059	594693.04	4125164.56	64.84	1.50	64.84	
PERIOD		1.13790	ug/m^3	R_1060	594693.04	4125184.56	64.82	1.50	64.82	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.38253	ug/m^3	R_1061	594713.04	4125144.56	64.84	1.50	64.84	
PERIOD		1.19731	ug/m^3	R_1062	594713.04	4125164.56	64.64	1.50	64.64	
PERIOD		1.04565	ug/m^3	R_1063	594713.04	4125184.56	64.62	1.50	64.62	
PERIOD		0.12354	ug/m^3	R_1064	594170.99	4124692.59	71.27	1.50	71.27	
PERIOD		0.13334	ug/m^3	R_1065	594170.99	4124712.59	71.08	1.50	71.08	
PERIOD		0.12853	ug/m^3	R_1066	594190.99	4124692.59	71.12	1.50	71.12	
PERIOD		0.13916	ug/m^3	R_1067	594190.99	4124712.59	71.03	1.50	71.03	
PERIOD		0.15021	ug/m^3	R_1068	594190.99	4124732.59	70.92	1.50	70.92	
PERIOD		0.12250	ug/m^3	R_1069	594210.99	4124672.59	71.12	1.50	71.12	
PERIOD		0.13393	ug/m^3	R_1070	594210.99	4124692.59	71.00	1.50	71.00	
PERIOD		0.14551	ug/m^3	R_1071	594210.99	4124712.59	70.95	1.50	70.95	
PERIOD		0.15752	ug/m^3	R_1072	594210.99	4124732.59	70.82	1.50	70.82	
PERIOD		0.11433	ug/m^3	R_1073	594230.99	4124652.59	71.08	1.50	71.08	
PERIOD		0.12674	ug/m^3	R_1074	594230.99	4124672.59	71.03	1.50	71.03	
PERIOD		0.13930	ug/m^3	R_1075	594230.99	4124692.59	70.96	1.50	70.96	
PERIOD		0.15220	ug/m^3	R_1076	594230.99	4124712.59	70.77	1.50	70.77	
PERIOD		0.16536	ug/m^3	R_1077	594230.99	4124732.59	70.72	1.50	70.72	
PERIOD		0.10425	ug/m^3	R_1078	594250.99	4124632.59	71.08	1.50	71.08	
PERIOD		0.11757	ug/m^3	R_1079	594250.99	4124652.59	70.88	1.50	70.88	
PERIOD		0.13118	ug/m^3	R_1080	594250.99	4124672.59	70.84	1.50	70.84	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.14505	ug/m^3	R_1081	594250.99	4124692.59	70.78	1.50	70.78	
PERIOD		0.15934	ug/m^3	R_1082	594250.99	4124712.59	70.57	1.50	70.57	
PERIOD		0.17390	ug/m^3	R_1083	594250.99	4124732.59	70.53	1.50	70.53	
PERIOD		0.09308	ug/m^3	R_1084	594270.99	4124612.59	70.94	1.50	70.94	
PERIOD		0.10642	ug/m^3	R_1085	594270.99	4124632.59	70.88	1.50	70.88	
PERIOD		0.12085	ug/m^3	R_1086	594270.99	4124652.59	70.67	1.50	70.67	
PERIOD		0.13576	ug/m^3	R_1087	594270.99	4124672.59	70.63	1.50	70.63	
PERIOD		0.15107	ug/m^3	R_1088	594270.99	4124692.59	70.59	1.50	70.59	
PERIOD		0.16687	ug/m^3	R_1089	594270.99	4124712.59	70.44	1.50	70.44	
PERIOD		0.18304	ug/m^3	R_1090	594270.99	4124732.59	70.37	1.50	70.37	
PERIOD		0.09440	ug/m^3	R_1091	594290.99	4124612.59	70.74	1.50	70.74	
PERIOD		0.10858	ug/m^3	R_1092	594290.99	4124632.59	70.67	1.50	70.67	
PERIOD		0.12414	ug/m^3	R_1093	594290.99	4124652.59	70.47	1.50	70.47	
PERIOD		0.14047	ug/m^3	R_1094	594290.99	4124672.59	70.43	1.50	70.43	
PERIOD		0.15735	ug/m^3	R_1095	594290.99	4124692.59	70.43	1.50	70.43	
PERIOD		0.17475	ug/m^3	R_1096	594290.99	4124712.59	70.41	1.50	70.41	
PERIOD		0.19285	ug/m^3	R_1097	594290.99	4124732.59	70.26	1.50	70.26	
PERIOD		0.08265	ug/m^3	R_1098	594310.99	4124592.59	70.53	1.50	70.53	
PERIOD		0.09571	ug/m^3	R_1099	594310.99	4124612.59	70.53	1.50	70.53	
PERIOD		0.11071	ug/m^3	R_1100	594310.99	4124632.59	70.47	1.50	70.47	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.12747	ug/m^3	R_1101	594310.99	4124652.59	70.27	1.50	70.27	
PERIOD		0.14529	ug/m^3	R_1102	594310.99	4124672.59	70.23	1.50	70.23	
PERIOD		0.16396	ug/m^3	R_1103	594310.99	4124692.59	70.23	1.50	70.23	
PERIOD		0.18330	ug/m^3	R_1104	594310.99	4124712.59	70.23	1.50	70.23	
PERIOD		0.20354	ug/m^3	R_1105	594310.99	4124732.59	70.06	1.50	70.06	
PERIOD		0.07198	ug/m^3	R_1106	594330.99	4124572.59	70.33	1.50	70.33	
PERIOD		0.08337	ug/m^3	R_1107	594330.99	4124592.59	70.33	1.50	70.33	
PERIOD		0.09697	ug/m^3	R_1108	594330.99	4124612.59	70.33	1.50	70.33	
PERIOD		0.11282	ug/m^3	R_1109	594330.99	4124632.59	70.28	1.50	70.28	
PERIOD		0.13075	ug/m^3	R_1110	594330.99	4124652.59	70.13	1.50	70.13	
PERIOD		0.15021	ug/m^3	R_1111	594330.99	4124672.59	70.06	1.50	70.06	
PERIOD		0.17087	ug/m^3	R_1112	594330.99	4124692.59	70.02	1.50	70.02	
PERIOD		0.19244	ug/m^3	R_1113	594330.99	4124712.59	70.02	1.50	70.02	
PERIOD		0.21504	ug/m^3	R_1114	594330.99	4124732.59	69.90	1.50	69.90	
PERIOD		0.06305	ug/m^3	R_1115	594350.99	4124552.59	70.13	1.50	70.13	
PERIOD		0.07241	ug/m^3	R_1116	594350.99	4124572.59	70.13	1.50	70.13	
PERIOD		0.08405	ug/m^3	R_1117	594350.99	4124592.59	70.13	1.50	70.13	
PERIOD		0.09819	ug/m^3	R_1118	594350.99	4124612.59	70.13	1.50	70.13	
PERIOD		0.11486	ug/m^3	R_1119	594350.99	4124632.59	70.12	1.50	70.12	
PERIOD		0.13391	ug/m^3	R_1120	594350.99	4124652.59	70.11	1.50	70.11	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.15519	ug/m^3	R_1121	594350.99	4124672.59	69.95	1.50	69.95	
PERIOD		0.17809	ug/m^3	R_1122	594350.99	4124692.59	69.82	1.50	69.82	
PERIOD		0.20217	ug/m^3	R_1123	594350.99	4124712.59	69.82	1.50	69.82	
PERIOD		0.22739	ug/m^3	R_1124	594350.99	4124732.59	69.81	1.50	69.81	
PERIOD		0.06366	ug/m^3	R_1125	594370.99	4124552.59	69.92	1.50	69.92	
PERIOD		0.07294	ug/m^3	R_1126	594370.99	4124572.59	69.92	1.50	69.92	
PERIOD		0.08475	ug/m^3	R_1127	594370.99	4124592.59	69.92	1.50	69.92	
PERIOD		0.09937	ug/m^3	R_1128	594370.99	4124612.59	69.92	1.50	69.92	
PERIOD		0.11692	ug/m^3	R_1129	594370.99	4124632.59	69.92	1.50	69.92	
PERIOD		0.13727	ug/m^3	R_1130	594370.99	4124652.59	69.92	1.50	69.92	
PERIOD		0.16039	ug/m^3	R_1131	594370.99	4124672.59	69.76	1.50	69.76	
PERIOD		0.18566	ug/m^3	R_1132	594370.99	4124692.59	69.62	1.50	69.62	
PERIOD		0.21255	ug/m^3	R_1133	594370.99	4124712.59	69.62	1.50	69.62	
PERIOD		0.24093	ug/m^3	R_1134	594370.99	4124732.59	69.62	1.50	69.62	
PERIOD		0.27065	ug/m^3	R_1135	594370.99	4124752.59	69.56	1.50	69.56	
PERIOD		0.07370	ug/m^3	R_1136	594390.99	4124572.59	69.72	1.50	69.72	
PERIOD		0.08553	ug/m^3	R_1137	594390.99	4124592.59	69.72	1.50	69.72	
PERIOD		0.10054	ug/m^3	R_1138	594390.99	4124612.59	69.72	1.50	69.72	
PERIOD		0.11894	ug/m^3	R_1139	594390.99	4124632.59	69.72	1.50	69.72	
PERIOD		0.14068	ug/m^3	R_1140	594390.99	4124652.59	69.72	1.50	69.72	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.16570	ug/m^3	R_1141	594390.99	4124672.59	69.60	1.50	69.60	
PERIOD		0.19351	ug/m^3	R_1142	594390.99	4124692.59	69.48	1.50	69.48	
PERIOD		0.22361	ug/m^3	R_1143	594390.99	4124712.59	69.43	1.50	69.43	
PERIOD		0.25569	ug/m^3	R_1144	594390.99	4124732.59	69.41	1.50	69.41	
PERIOD		0.28945	ug/m^3	R_1145	594390.99	4124752.59	69.37	1.50	69.37	
PERIOD		0.08653	ug/m^3	R_1146	594410.99	4124592.59	69.52	1.50	69.52	
PERIOD		0.10176	ug/m^3	R_1147	594410.99	4124612.59	69.52	1.50	69.52	
PERIOD		0.12093	ug/m^3	R_1148	594410.99	4124632.59	69.52	1.50	69.52	
PERIOD		0.14408	ug/m^3	R_1149	594410.99	4124652.59	69.52	1.50	69.52	
PERIOD		0.17105	ug/m^3	R_1150	594410.99	4124672.59	69.50	1.50	69.50	
PERIOD		0.20155	ug/m^3	R_1151	594410.99	4124692.59	69.44	1.50	69.44	
PERIOD		0.23543	ug/m^3	R_1152	594410.99	4124712.59	69.25	1.50	69.25	
PERIOD		0.27176	ug/m^3	R_1153	594410.99	4124732.59	69.21	1.50	69.21	
PERIOD		0.31024	ug/m^3	R_1154	594410.99	4124752.59	69.21	1.50	69.21	
PERIOD		0.12300	ug/m^3	R_1155	594430.99	4124632.59	69.31	1.50	69.31	
PERIOD		0.14753	ug/m^3	R_1156	594430.99	4124652.59	69.31	1.50	69.31	
PERIOD		0.17668	ug/m^3	R_1157	594430.99	4124672.59	69.31	1.50	69.31	
PERIOD		0.21027	ug/m^3	R_1158	594430.99	4124692.59	69.25	1.50	69.25	
PERIOD		0.24814	ug/m^3	R_1159	594430.99	4124712.59	69.05	1.50	69.05	
PERIOD		0.28932	ug/m^3	R_1160	594430.99	4124732.59	69.01	1.50	69.01	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.33343	ug/m^3	R_1161	594430.99	4124752.59	69.01	1.50	69.01	
PERIOD		0.12526	ug/m^3	R_1162	594450.99	4124632.59	69.11	1.50	69.11	
PERIOD		0.15102	ug/m^3	R_1163	594450.99	4124652.59	69.11	1.50	69.11	
PERIOD		0.18247	ug/m^3	R_1164	594450.99	4124672.59	69.11	1.50	69.11	
PERIOD		0.21940	ug/m^3	R_1165	594450.99	4124692.59	69.06	1.50	69.06	
PERIOD		0.26166	ug/m^3	R_1166	594450.99	4124712.59	68.91	1.50	68.91	
PERIOD		0.30847	ug/m^3	R_1167	594450.99	4124732.59	68.84	1.50	68.84	
PERIOD		0.35932	ug/m^3	R_1168	594450.99	4124752.59	68.81	1.50	68.81	
PERIOD		0.22896	ug/m^3	R_1169	594470.99	4124692.59	68.90	1.50	68.90	
PERIOD		0.27586	ug/m^3	R_1170	594470.99	4124712.59	68.89	1.50	68.89	
PERIOD		0.32925	ug/m^3	R_1171	594470.99	4124732.59	68.73	1.50	68.73	
PERIOD		0.38829	ug/m^3	R_1172	594470.99	4124752.59	68.60	1.50	68.60	
PERIOD		0.35652	ug/m^3	R_1173	594329.14	4124844.95	69.36	1.50	69.36	
PERIOD		0.39151	ug/m^3	R_1174	594329.14	4124864.95	69.20	1.50	69.20	
PERIOD		0.43375	ug/m^3	R_1175	594329.14	4124884.95	69.15	1.50	69.15	
PERIOD		0.48684	ug/m^3	R_1176	594329.14	4124904.95	69.06	1.50	69.06	
PERIOD		0.55357	ug/m^3	R_1177	594329.14	4124924.95	68.90	1.50	68.90	
PERIOD		0.63311	ug/m^3	R_1178	594329.14	4124944.95	68.85	1.50	68.85	
PERIOD		0.72340	ug/m^3	R_1179	594329.14	4124964.95	68.76	1.50	68.76	
PERIOD		0.82056	ug/m^3	R_1180	594329.14	4124984.95	68.59	1.50	68.59	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.91928	ug/m^3	R_1181	594329.14	4125004.95	68.39	1.50	68.39	
PERIOD		1.01332	ug/m^3	R_1182	594329.14	4125024.95	68.26	1.50	68.26	
PERIOD		1.09691	ug/m^3	R_1183	594329.14	4125044.95	68.22	1.50	68.22	
PERIOD		1.16662	ug/m^3	R_1184	594329.14	4125064.95	68.06	1.50	68.06	
PERIOD		1.21952	ug/m^3	R_1185	594329.14	4125084.95	67.88	1.50	67.88	
PERIOD		1.25518	ug/m^3	R_1186	594329.14	4125104.95	67.68	1.50	67.68	
PERIOD		1.27323	ug/m^3	R_1187	594329.14	4125124.95	67.63	1.50	67.63	
PERIOD		1.27595	ug/m^3	R_1188	594329.14	4125144.95	67.54	1.50	67.54	
PERIOD		1.26501	ug/m^3	R_1189	594329.14	4125164.95	67.37	1.50	67.37	
PERIOD		1.24126	ug/m^3	R_1190	594329.14	4125184.95	67.17	1.50	67.17	
PERIOD		0.38864	ug/m^3	R_1191	594349.14	4124844.95	69.22	1.50	69.22	
PERIOD		0.42910	ug/m^3	R_1192	594349.14	4124864.95	69.19	1.50	69.19	
PERIOD		0.47960	ug/m^3	R_1193	594349.14	4124884.95	69.03	1.50	69.03	
PERIOD		0.54303	ug/m^3	R_1194	594349.14	4124904.95	68.91	1.50	68.91	
PERIOD		0.62127	ug/m^3	R_1195	594349.14	4124924.95	68.89	1.50	68.89	
PERIOD		0.71451	ug/m^3	R_1196	594349.14	4124944.95	68.72	1.50	68.72	
PERIOD		0.81817	ug/m^3	R_1197	594349.14	4124964.95	68.61	1.50	68.61	
PERIOD		0.92675	ug/m^3	R_1198	594349.14	4124984.95	68.58	1.50	68.58	
PERIOD		1.03530	ug/m^3	R_1199	594349.14	4125004.95	68.39	1.50	68.39	
PERIOD		1.13654	ug/m^3	R_1200	594349.14	4125024.95	68.20	1.50	68.20	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.22415	ug/m^3	R_1201	594349.14	4125044.95	68.02	1.50	68.02	
PERIOD		1.29249	ug/m^3	R_1202	594349.14	4125064.95	67.99	1.50	67.99	
PERIOD		1.34107	ug/m^3	R_1203	594349.14	4125084.95	67.88	1.50	67.88	
PERIOD		1.37001	ug/m^3	R_1204	594349.14	4125104.95	67.68	1.50	67.68	
PERIOD		1.37953	ug/m^3	R_1205	594349.14	4125124.95	67.50	1.50	67.50	
PERIOD		1.37113	ug/m^3	R_1206	594349.14	4125144.95	67.39	1.50	67.39	
PERIOD		1.34658	ug/m^3	R_1207	594349.14	4125164.95	67.36	1.50	67.36	
PERIOD		1.30907	ug/m^3	R_1208	594349.14	4125184.95	67.17	1.50	67.17	
PERIOD		0.42558	ug/m^3	R_1209	594369.14	4124844.95	69.14	1.50	69.14	
PERIOD		0.47365	ug/m^3	R_1210	594369.14	4124864.95	69.04	1.50	69.04	
PERIOD		0.53370	ug/m^3	R_1211	594369.14	4124884.95	68.94	1.50	68.94	
PERIOD		0.60957	ug/m^3	R_1212	594369.14	4124904.95	68.84	1.50	68.84	
PERIOD		0.70281	ug/m^3	R_1213	594369.14	4124924.95	68.73	1.50	68.73	
PERIOD		0.81174	ug/m^3	R_1214	594369.14	4124944.95	68.53	1.50	68.53	
PERIOD		0.93046	ug/m^3	R_1215	594369.14	4124964.95	68.42	1.50	68.42	
PERIOD		1.05206	ug/m^3	R_1216	594369.14	4124984.95	68.42	1.50	68.42	
PERIOD		1.17092	ug/m^3	R_1217	594369.14	4125004.95	68.23	1.50	68.23	
PERIOD		1.27843	ug/m^3	R_1218	594369.14	4125024.95	68.07	1.50	68.07	
PERIOD		1.36723	ug/m^3	R_1219	594369.14	4125044.95	67.98	1.50	67.98	
PERIOD		1.43345	ug/m^3	R_1220	594369.14	4125064.95	67.87	1.50	67.87	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.47573	ug/m^3	R_1221	594369.14	4125084.95	67.72	1.50	67.72	
PERIOD		1.49458	ug/m^3	R_1222	594369.14	4125104.95	67.52	1.50	67.52	
PERIOD		1.49083	ug/m^3	R_1223	594369.14	4125124.95	67.42	1.50	67.42	
PERIOD		1.46779	ug/m^3	R_1224	594369.14	4125144.95	67.31	1.50	67.31	
PERIOD		1.42771	ug/m^3	R_1225	594369.14	4125164.95	67.21	1.50	67.21	
PERIOD		1.37362	ug/m^3	R_1226	594369.14	4125184.95	67.01	1.50	67.01	
PERIOD		0.46871	ug/m^3	R_1227	594389.14	4124844.95	69.04	1.50	69.04	
PERIOD		0.52653	ug/m^3	R_1228	594389.14	4124864.95	68.84	1.50	68.84	
PERIOD		0.59850	ug/m^3	R_1229	594389.14	4124884.95	68.82	1.50	68.82	
PERIOD		0.68963	ug/m^3	R_1230	594389.14	4124904.95	68.74	1.50	68.74	
PERIOD		0.80104	ug/m^3	R_1231	594389.14	4124924.95	68.53	1.50	68.53	
PERIOD		0.92798	ug/m^3	R_1232	594389.14	4124944.95	68.37	1.50	68.37	
PERIOD		1.06366	ug/m^3	R_1233	594389.14	4124964.95	68.26	1.50	68.26	
PERIOD		1.19968	ug/m^3	R_1234	594389.14	4124984.95	68.22	1.50	68.22	
PERIOD		1.32886	ug/m^3	R_1235	594389.14	4125004.95	68.06	1.50	68.06	
PERIOD		1.44132	ug/m^3	R_1236	594389.14	4125024.95	67.95	1.50	67.95	
PERIOD		1.52927	ug/m^3	R_1237	594389.14	4125044.95	67.91	1.50	67.91	
PERIOD		1.59046	ug/m^3	R_1238	594389.14	4125064.95	67.72	1.50	67.72	
PERIOD		1.62232	ug/m^3	R_1239	594389.14	4125084.95	67.54	1.50	67.54	
PERIOD		1.62670	ug/m^3	R_1240	594389.14	4125104.95	67.37	1.50	67.37	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.60556	ug/m^3	R_1241	594389.14	4125124.95	67.32	1.50	67.32	
PERIOD		1.56377	ug/m^3	R_1242	594389.14	4125144.95	67.23	1.50	67.23	
PERIOD		1.50462	ug/m^3	R_1243	594389.14	4125164.95	67.07	1.50	67.07	
PERIOD		1.43112	ug/m^3	R_1244	594389.14	4125184.95	66.87	1.50	66.87	
PERIOD		0.51996	ug/m^3	R_1245	594409.14	4124844.95	68.84	1.50	68.84	
PERIOD		0.58934	ug/m^3	R_1246	594409.14	4124864.95	68.64	1.50	68.64	
PERIOD		0.67691	ug/m^3	R_1247	594409.14	4124884.95	68.62	1.50	68.62	
PERIOD		0.78739	ug/m^3	R_1248	594409.14	4124904.95	68.53	1.50	68.53	
PERIOD		0.92011	ug/m^3	R_1249	594409.14	4124924.95	68.33	1.50	68.33	
PERIOD		1.06730	ug/m^3	R_1250	594409.14	4124944.95	68.29	1.50	68.29	
PERIOD		1.22160	ug/m^3	R_1251	594409.14	4124964.95	68.20	1.50	68.20	
PERIOD		1.37387	ug/m^3	R_1252	594409.14	4124984.95	68.02	1.50	68.02	
PERIOD		1.51195	ug/m^3	R_1253	594409.14	4125004.95	67.99	1.50	67.99	
PERIOD		1.62757	ug/m^3	R_1254	594409.14	4125024.95	67.90	1.50	67.90	
PERIOD		1.71307	ug/m^3	R_1255	594409.14	4125044.95	67.72	1.50	67.72	
PERIOD		1.76396	ug/m^3	R_1256	594409.14	4125064.95	67.52	1.50	67.52	
PERIOD		1.77955	ug/m^3	R_1257	594409.14	4125084.95	67.39	1.50	67.39	
PERIOD		1.76315	ug/m^3	R_1258	594409.14	4125104.95	67.36	1.50	67.36	
PERIOD		1.72107	ug/m^3	R_1259	594409.14	4125124.95	67.20	1.50	67.20	
PERIOD		1.65650	ug/m^3	R_1260	594409.14	4125144.95	67.09	1.50	67.09	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.57343	ug/m^3	R_1261	594409.14	4125164.95	67.06	1.50	67.06	
PERIOD		1.47825	ug/m^3	R_1262	594409.14	4125184.95	66.87	1.50	66.87	
PERIOD		0.58051	ug/m^3	R_1263	594429.14	4124844.95	68.68	1.50	68.68	
PERIOD		0.66464	ug/m^3	R_1264	594429.14	4124864.95	68.59	1.50	68.59	
PERIOD		0.77247	ug/m^3	R_1265	594429.14	4124884.95	68.48	1.50	68.48	
PERIOD		0.90694	ug/m^3	R_1266	594429.14	4124904.95	68.38	1.50	68.38	
PERIOD		1.06438	ug/m^3	R_1267	594429.14	4124924.95	68.28	1.50	68.28	
PERIOD		1.23600	ug/m^3	R_1268	594429.14	4124944.95	68.18	1.50	68.18	
PERIOD		1.41158	ug/m^3	R_1269	594429.14	4124964.95	68.03	1.50	68.03	
PERIOD		1.57996	ug/m^3	R_1270	594429.14	4124984.95	67.82	1.50	67.82	
PERIOD		1.72656	ug/m^3	R_1271	594429.14	4125004.95	67.81	1.50	67.81	
PERIOD		1.84222	ug/m^3	R_1272	594429.14	4125024.95	67.72	1.50	67.72	
PERIOD		1.91903	ug/m^3	R_1273	594429.14	4125044.95	67.52	1.50	67.52	
PERIOD		1.95187	ug/m^3	R_1274	594429.14	4125064.95	67.42	1.50	67.42	
PERIOD		1.94481	ug/m^3	R_1275	594429.14	4125084.95	67.31	1.50	67.31	
PERIOD		1.90314	ug/m^3	R_1276	594429.14	4125104.95	67.21	1.50	67.21	
PERIOD		1.83335	ug/m^3	R_1277	594429.14	4125124.95	67.11	1.50	67.11	
PERIOD		1.74109	ug/m^3	R_1278	594429.14	4125144.95	67.01	1.50	67.01	
PERIOD		1.63255	ug/m^3	R_1279	594429.14	4125164.95	66.90	1.50	66.90	
PERIOD		1.51416	ug/m^3	R_1280	594429.14	4125184.95	66.71	1.50	66.71	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.65353	ug/m^3	R_1281	594449.14	4124844.95	68.52	1.50	68.52	
PERIOD		0.75692	ug/m^3	R_1282	594449.14	4124864.95	68.52	1.50	68.52	
PERIOD		0.89072	ug/m^3	R_1283	594449.14	4124884.95	68.33	1.50	68.33	
PERIOD		1.05496	ug/m^3	R_1284	594449.14	4124904.95	68.21	1.50	68.21	
PERIOD		1.24162	ug/m^3	R_1285	594449.14	4124924.95	68.21	1.50	68.21	
PERIOD		1.44146	ug/m^3	R_1286	594449.14	4124944.95	68.03	1.50	68.03	
PERIOD		1.64007	ug/m^3	R_1287	594449.14	4124964.95	67.84	1.50	67.84	
PERIOD		1.82373	ug/m^3	R_1288	594449.14	4124984.95	67.68	1.50	67.68	
PERIOD		1.97664	ug/m^3	R_1289	594449.14	4125004.95	67.63	1.50	67.63	
PERIOD		2.08670	ug/m^3	R_1290	594449.14	4125024.95	67.54	1.50	67.54	
PERIOD		2.14625	ug/m^3	R_1291	594449.14	4125044.95	67.37	1.50	67.37	
PERIOD		2.15292	ug/m^3	R_1292	594449.14	4125064.95	67.32	1.50	67.32	
PERIOD		2.11540	ug/m^3	R_1293	594449.14	4125084.95	67.21	1.50	67.21	
PERIOD		2.04205	ug/m^3	R_1294	594449.14	4125104.95	67.01	1.50	67.01	
PERIOD		1.93804	ug/m^3	R_1295	594449.14	4125124.95	67.00	1.50	67.00	
PERIOD		1.81410	ug/m^3	R_1296	594449.14	4125144.95	66.91	1.50	66.91	
PERIOD		1.67802	ug/m^3	R_1297	594449.14	4125164.95	66.71	1.50	66.71	
PERIOD		1.53630	ug/m^3	R_1298	594449.14	4125184.95	66.54	1.50	66.54	
PERIOD		0.74304	ug/m^3	R_1299	594469.14	4124844.95	68.32	1.50	68.32	
PERIOD		0.87241	ug/m^3	R_1300	594469.14	4124864.95	68.32	1.50	68.32	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-DUST

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.03923	ug/m^3	R_1301	594469.14	4124884.95	68.13	1.50	68.13	
PERIOD		1.24019	ug/m^3	R_1302	594469.14	4124904.95	68.01	1.50	68.01	
PERIOD		1.46217	ug/m^3	R_1303	594469.14	4124924.95	68.01	1.50	68.01	
PERIOD		1.69332	ug/m^3	R_1304	594469.14	4124944.95	67.82	1.50	67.82	
PERIOD		1.91520	ug/m^3	R_1305	594469.14	4124964.95	67.69	1.50	67.69	
PERIOD		2.11105	ug/m^3	R_1306	594469.14	4124984.95	67.67	1.50	67.67	
PERIOD		2.26623	ug/m^3	R_1307	594469.14	4125004.95	67.50	1.50	67.50	
PERIOD		2.36178	ug/m^3	R_1308	594469.14	4125024.95	67.39	1.50	67.39	
PERIOD		2.39152	ug/m^3	R_1309	594469.14	4125044.95	67.36	1.50	67.36	
PERIOD		2.36388	ug/m^3	R_1310	594469.14	4125064.95	67.20	1.50	67.20	
PERIOD		2.28765	ug/m^3	R_1311	594469.14	4125084.95	67.01	1.50	67.01	
PERIOD		2.17381	ug/m^3	R_1312	594469.14	4125104.95	66.81	1.50	66.81	
PERIOD		2.03093	ug/m^3	R_1313	594469.14	4125124.95	66.79	1.50	66.79	
PERIOD		1.87198	ug/m^3	R_1314	594469.14	4125144.95	66.71	1.50	66.71	
PERIOD		1.70718	ug/m^3	R_1315	594469.14	4125164.95	66.50	1.50	66.50	
PERIOD		1.54298	ug/m^3	R_1316	594469.14	4125184.95	66.46	1.50	66.46	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.94405	ug/m^3	W_001	594765.48	4125033.18	64.83	1.50	64.83	
PERIOD		2.56546	ug/m^3	W_002	594783.72	4125031.76	64.71	1.50	64.71	
PERIOD		2.25972	ug/m^3	W_003	594794.04	4125034.59	64.65	1.50	64.65	
PERIOD		3.91075	ug/m^3	W_004	594773.25	4125005.89	64.92	1.50	64.92	
PERIOD		5.21597	ug/m^3	W_005	594773.40	4124986.94	64.92	1.50	64.92	
PERIOD		4.57338	ug/m^3	W_006	594699.48	4125024.67	65.59	1.50	65.59	
PERIOD		6.72154	ug/m^3	W_007	594716.11	4124993.36	65.50	1.50	65.50	
PERIOD		2.68636	ug/m^3	W_008	594679.69	4125079.16	65.54	1.50	65.54	
PERIOD		2.08362	ug/m^3	W_009	594679.69	4125108.03	65.26	1.50	65.26	
PERIOD		1.77950	ug/m^3	W_010	594704.81	4125117.40	65.01	1.50	65.01	
PERIOD		1.20917	ug/m^3	W_011	594785.47	4125113.91	64.28	1.50	64.28	
PERIOD		1.38403	ug/m^3	W_012	594786.28	4125095.49	64.38	1.50	64.38	
PERIOD		0.81923	ug/m^3	W_013	594765.15	4125191.10	64.09	1.50	64.09	
PERIOD		0.06809	ug/m^3	W_014	594413.88	4124529.10	69.49	1.50	796.44	
PERIOD		0.07557	ug/m^3	W_015	594413.88	4124549.10	69.49	1.50	69.49	
PERIOD		0.07773	ug/m^3	W_016	594433.88	4124549.10	69.41	1.50	69.41	
PERIOD		0.08735	ug/m^3	W_017	594433.88	4124569.10	69.28	1.50	69.28	
PERIOD		0.08999	ug/m^3	W_018	594453.88	4124569.10	69.18	1.50	69.18	
PERIOD		0.10220	ug/m^3	W_019	594453.88	4124589.10	69.11	1.50	69.11	
PERIOD		0.09301	ug/m^3	W_020	594473.88	4124569.10	69.16	1.50	69.16	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.10557	ug/m^3	W_021	594473.88	4124589.10	68.96	1.50	68.96	
PERIOD		0.09682	ug/m^3	W_022	594493.88	4124569.10	68.97	1.50	68.97	
PERIOD		0.10936	ug/m^3	W_023	594493.88	4124589.10	68.91	1.50	68.91	
PERIOD		0.09416	ug/m^3	W_024	594513.88	4124549.10	68.78	1.50	796.44	
PERIOD		0.10541	ug/m^3	W_025	594513.88	4124569.10	68.78	1.50	68.78	
PERIOD		0.09843	ug/m^3	W_026	594533.88	4124549.10	68.57	1.50	796.44	
PERIOD		0.11001	ug/m^3	W_027	594533.88	4124569.10	68.57	1.50	68.57	
PERIOD		0.10338	ug/m^3	W_028	594553.88	4124549.10	68.37	1.50	796.44	
PERIOD		0.11540	ug/m^3	W_029	594553.88	4124569.10	68.37	1.50	68.37	
PERIOD		0.10902	ug/m^3	W_030	594573.88	4124549.10	68.23	1.50	796.44	
PERIOD		0.12174	ug/m^3	W_031	594573.88	4124569.10	68.17	1.50	68.17	
PERIOD		0.11540	ug/m^3	W_032	594593.88	4124549.10	68.14	1.50	796.44	
PERIOD		0.12906	ug/m^3	W_033	594593.88	4124569.10	67.96	1.50	67.96	
PERIOD		0.12268	ug/m^3	W_034	594613.88	4124549.10	67.94	1.50	796.44	
PERIOD		0.13752	ug/m^3	W_035	594613.88	4124569.10	67.76	1.50	67.76	
PERIOD		0.15543	ug/m^3	W_036	594613.88	4124589.10	67.76	1.50	67.76	
PERIOD		0.13067	ug/m^3	W_037	594633.88	4124549.10	67.78	1.50	796.44	
PERIOD		0.14694	ug/m^3	W_038	594633.88	4124569.10	67.66	1.50	67.66	
PERIOD		0.16668	ug/m^3	W_039	594633.88	4124589.10	67.58	1.50	67.58	
PERIOD		0.13938	ug/m^3	W_040	594653.88	4124549.10	67.66	1.50	796.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.15733	ug/m^3	W_041	594653.88	4124569.10	67.63	1.50	67.63	
PERIOD		0.17953	ug/m^3	W_042	594653.88	4124589.10	67.43	1.50	67.43	
PERIOD		0.14881	ug/m^3	W_043	594673.88	4124549.10	67.58	1.50	796.44	
PERIOD		0.16917	ug/m^3	W_044	594673.88	4124569.10	67.43	1.50	67.43	
PERIOD		0.19418	ug/m^3	W_045	594673.88	4124589.10	67.23	1.50	67.23	
PERIOD		0.15918	ug/m^3	W_046	594693.88	4124549.10	67.47	1.50	796.44	
PERIOD		0.18205	ug/m^3	W_047	594693.88	4124569.10	67.33	1.50	67.33	
PERIOD		0.21036	ug/m^3	W_048	594693.88	4124589.10	67.13	1.50	67.13	
PERIOD		0.10598	ug/m^3	W_049	594713.88	4124469.10	67.96	1.50	796.44	
PERIOD		0.11816	ug/m^3	W_050	594713.88	4124489.10	67.84	1.50	796.44	
PERIOD		0.13268	ug/m^3	W_051	594713.88	4124509.10	67.64	1.50	796.44	
PERIOD		0.08646	ug/m^3	W_052	594580.48	4124497.15	68.40	1.50	796.44	
PERIOD		0.08144	ug/m^3	W_053	594580.80	4124483.13	68.40	1.50	796.44	
PERIOD		1.10616	ug/m^3	W_054	594579.60	4124792.04	67.50	1.50	67.50	
PERIOD		1.41809	ug/m^3	W_055	594579.60	4124812.04	67.50	1.50	67.50	
PERIOD		1.31049	ug/m^3	W_056	594599.60	4124792.04	67.30	1.50	67.30	
PERIOD		1.72709	ug/m^3	W_057	594599.60	4124812.04	67.28	1.50	67.28	
PERIOD		1.58482	ug/m^3	W_058	594619.60	4124792.04	67.09	1.50	67.09	
PERIOD		2.15813	ug/m^3	W_059	594619.60	4124812.04	67.04	1.50	67.04	
PERIOD		1.96786	ug/m^3	W_060	594639.60	4124792.04	66.89	1.50	66.89	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.78364	ug/m^3	W_061	594639.60	4124812.04	66.83	1.50	66.83	
PERIOD		3.82739	ug/m^3	W_062	594639.60	4124832.04	66.63	1.50	66.63	
PERIOD		4.93958	ug/m^3	W_063	594639.60	4124852.04	66.58	1.50	66.58	
PERIOD		5.94093	ug/m^3	W_064	594639.60	4124872.04	66.58	1.50	66.58	
PERIOD		2.53412	ug/m^3	W_065	594659.60	4124792.04	66.65	1.50	66.65	
PERIOD		3.74418	ug/m^3	W_066	594659.60	4124812.04	66.58	1.50	66.58	
PERIOD		5.23292	ug/m^3	W_067	594659.60	4124832.04	66.42	1.50	66.42	
PERIOD		6.68537	ug/m^3	W_068	594659.60	4124852.04	66.38	1.50	66.38	
PERIOD		7.85361	ug/m^3	W_069	594659.60	4124872.04	66.38	1.50	66.38	
PERIOD		3.43833	ug/m^3	W_070	594679.60	4124792.04	66.34	1.50	66.34	
PERIOD		5.32079	ug/m^3	W_071	594679.60	4124812.04	66.21	1.50	66.21	
PERIOD		7.42934	ug/m^3	W_072	594679.60	4124832.04	66.18	1.50	66.18	
PERIOD		9.23059	ug/m^3	W_073	594679.60	4124852.04	66.18	1.50	66.18	
PERIOD		10.47356	ug/m^3	W_074	594679.60	4124872.04	66.18	1.50	66.18	
PERIOD		5.02697	ug/m^3	W_075	594699.60	4124792.04	66.12	1.50	66.12	
PERIOD		8.04221	ug/m^3	W_076	594699.60	4124812.04	65.97	1.50	65.97	
PERIOD		10.89173	ug/m^3	W_077	594699.60	4124832.04	65.97	1.50	65.97	
PERIOD		12.89946	ug/m^3	W_078	594699.60	4124852.04	65.97	1.50	65.97	
PERIOD		14.08416	ug/m^3	W_079	594699.60	4124872.04	65.94	1.50	65.94	
PERIOD		8.25823	ug/m^3	W_080	594719.60	4124792.04	65.92	1.50	65.92	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		12.97981	ug/m^3	W_081	594719.60	4124812.04	65.77	1.50	65.77	
PERIOD		16.34915	ug/m^3	W_082	594719.60	4124832.04	65.77	1.50	65.77	
PERIOD		18.46376	ug/m^3	W_083	594719.60	4124852.04	65.77	1.50	65.77	
PERIOD		19.91024	ug/m^3	W_084	594719.60	4124872.04	65.73	1.50	65.73	
PERIOD		0.25633	ug/m^3	W_085	594308.10	4124780.25	69.93	1.50	69.93	
PERIOD		0.17652	ug/m^3	W_086	594170.89	4124787.21	70.63	1.50	70.63	
PERIOD		3.91737	ug/m^3	PS_001	594587.24	4124904.99	67.12	1.50	67.12	
PERIOD		5.25492	ug/m^3	PS_002	594607.24	4124924.99	66.91	1.50	66.91	
PERIOD		5.45149	ug/m^3	PS_003	594607.24	4124944.99	66.72	1.50	66.72	
PERIOD		6.46276	ug/m^3	PS_004	594627.24	4124924.99	66.67	1.50	66.67	
PERIOD		6.55404	ug/m^3	PS_005	594627.24	4124944.99	66.51	1.50	66.51	
PERIOD		8.02406	ug/m^3	PS_006	594647.24	4124924.99	66.27	1.50	66.27	
PERIOD		7.91689	ug/m^3	PS_007	594647.24	4124944.99	66.22	1.50	66.22	
PERIOD		10.06217	ug/m^3	PS_008	594667.24	4124924.99	66.01	1.50	66.01	
PERIOD		9.59053	ug/m^3	PS_009	594667.24	4124944.99	66.00	1.50	66.00	
PERIOD		12.84005	ug/m^3	PS_010	594687.24	4124924.99	65.81	1.50	65.81	
PERIOD		11.60063	ug/m^3	PS_011	594687.24	4124944.99	65.80	1.50	65.80	
PERIOD		16.73465	ug/m^3	PS_012	594707.24	4124924.99	65.59	1.50	65.59	
PERIOD		13.77156	ug/m^3	PS_013	594707.24	4124944.99	65.59	1.50	65.59	
PERIOD		21.83907	ug/m^3	PS_014	594727.24	4124924.99	65.40	1.50	65.40	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		15.44219	ug/m^3	PS_015	594727.24	4124944.99	65.39	1.50	65.39	
PERIOD		36.46998	ug/m^3	PS_016	594835.50	4124785.91	65.44	1.50	65.44	
PERIOD		37.13804	ug/m^3	PS_017	594835.50	4124805.91	65.23	1.50	65.23	
PERIOD		35.79591	ug/m^3	PS_018	594835.50	4124825.91	65.21	1.50	65.21	
PERIOD		33.47563	ug/m^3	PS_019	594835.50	4124845.91	65.12	1.50	65.12	
PERIOD		29.52139	ug/m^3	PS_020	594835.50	4124865.91	64.93	1.50	64.93	
PERIOD		20.53142	ug/m^3	PS_021	594835.50	4124885.91	64.91	1.50	64.91	
PERIOD		9.94563	ug/m^3	PS_022	594835.50	4124905.91	64.81	1.50	64.81	
PERIOD		23.52243	ug/m^3	PS_023	594855.50	4124785.91	65.44	1.50	65.44	
PERIOD		23.46381	ug/m^3	PS_024	594855.50	4124805.91	65.23	1.50	65.23	
PERIOD		23.00966	ug/m^3	PS_025	594855.50	4124825.91	65.08	1.50	65.08	
PERIOD		21.36135	ug/m^3	PS_026	594855.50	4124845.91	64.98	1.50	64.98	
PERIOD		17.34707	ug/m^3	PS_027	594855.50	4124865.91	64.92	1.50	64.92	
PERIOD		11.18186	ug/m^3	PS_028	594855.50	4124885.91	64.78	1.50	64.78	
PERIOD		6.36824	ug/m^3	PS_029	594855.50	4124905.91	64.67	1.50	64.67	
PERIOD		16.84203	ug/m^3	PS_030	594875.50	4124785.91	65.35	1.50	65.35	
PERIOD		16.79483	ug/m^3	PS_031	594875.50	4124805.91	65.23	1.50	65.23	
PERIOD		16.11737	ug/m^3	PS_032	594875.50	4124825.91	65.03	1.50	65.03	
PERIOD		14.09537	ug/m^3	PS_033	594875.50	4124845.91	64.88	1.50	64.88	
PERIOD		10.64688	ug/m^3	PS_034	594875.50	4124865.91	64.80	1.50	64.80	

Project File: C:\Users\LPark\Documents\SSJ-01 Silverado Project\SSJ-01 Silverado Project.isc

AERMOD View by Lakes Environmental Software

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Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		6.90602	ug/m^3	PS_035	594875.50	4124885.91	64.68	1.50	64.68	
PERIOD		4.37682	ug/m^3	PS_036	594875.50	4124905.91	64.58	1.50	64.58	
PERIOD		12.82678	ug/m^3	PS_037	594895.50	4124785.91	65.22	1.50	65.22	
PERIOD		12.44315	ug/m^3	PS_038	594895.50	4124805.91	65.20	1.50	65.20	
PERIOD		11.38365	ug/m^3	PS_039	594895.50	4124825.91	65.02	1.50	65.02	
PERIOD		9.46242	ug/m^3	PS_040	594895.50	4124845.91	64.83	1.50	64.83	
PERIOD		7.00572	ug/m^3	PS_041	594895.50	4124865.91	64.62	1.50	64.62	
PERIOD		4.72654	ug/m^3	PS_042	594895.50	4124885.91	64.60	1.50	64.60	
PERIOD		3.23726	ug/m^3	PS_043	594895.50	4124905.91	64.51	1.50	64.51	
PERIOD		9.85091	ug/m^3	PS_044	594915.50	4124785.91	65.16	1.50	65.16	
PERIOD		9.28507	ug/m^3	PS_045	594915.50	4124805.91	65.00	1.50	65.00	
PERIOD		8.14042	ug/m^3	PS_046	594915.50	4124825.91	64.95	1.50	64.95	
PERIOD		6.56352	ug/m^3	PS_047	594915.50	4124845.91	64.83	1.50	64.83	
PERIOD		4.87887	ug/m^3	PS_048	594915.50	4124865.91	64.62	1.50	64.62	
PERIOD		3.46232	ug/m^3	PS_049	594915.50	4124885.91	64.47	1.50	64.47	
PERIOD		2.51401	ug/m^3	PS_050	594915.50	4124905.91	64.37	1.50	64.37	
PERIOD		7.60805	ug/m^3	PS_051	594935.50	4124785.91	65.05	1.50	65.05	
PERIOD		6.95788	ug/m^3	PS_052	594935.50	4124805.91	64.93	1.50	64.93	
PERIOD		5.94528	ug/m^3	PS_053	594935.50	4124825.91	64.84	1.50	64.84	
PERIOD		4.73878	ug/m^3	PS_054	594935.50	4124845.91	64.74	1.50	64.74	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.57222	ug/m^3	PS_055	594935.50	4124865.91	64.62	1.50	64.62	
PERIOD		2.64650	ug/m^3	PS_056	594935.50	4124885.91	64.42	1.50	64.42	
PERIOD		2.00864	ug/m^3	PS_057	594935.50	4124905.91	64.27	1.50	64.27	
PERIOD		5.92025	ug/m^3	PS_058	594955.50	4124785.91	64.91	1.50	64.91	
PERIOD		5.27883	ug/m^3	PS_059	594955.50	4124805.91	64.90	1.50	64.90	
PERIOD		4.44907	ug/m^3	PS_060	594955.50	4124825.91	64.72	1.50	64.72	
PERIOD		3.54738	ug/m^3	PS_061	594955.50	4124845.91	64.61	1.50	64.61	
PERIOD		2.72289	ug/m^3	PS_062	594955.50	4124865.91	64.59	1.50	64.59	
PERIOD		2.08868	ug/m^3	PS_063	594955.50	4124885.91	64.41	1.50	64.41	
PERIOD		1.64213	ug/m^3	PS_064	594955.50	4124905.91	64.22	1.50	64.22	
PERIOD		4.64558	ug/m^3	PS_065	594975.50	4124785.91	64.85	1.50	64.85	
PERIOD		4.08303	ug/m^3	PS_066	594975.50	4124805.91	64.70	1.50	64.70	
PERIOD		3.40879	ug/m^3	PS_067	594975.50	4124825.91	64.64	1.50	64.64	
PERIOD		2.73390	ug/m^3	PS_068	594975.50	4124845.91	64.55	1.50	64.55	
PERIOD		2.14992	ug/m^3	PS_069	594975.50	4124865.91	64.39	1.50	64.39	
PERIOD		1.69280	ug/m^3	PS_070	594975.50	4124885.91	64.34	1.50	64.34	
PERIOD		1.36739	ug/m^3	PS_071	594975.50	4124905.91	64.22	1.50	64.22	
PERIOD		3.69001	ug/m^3	PS_072	594995.50	4124785.91	64.74	1.50	64.74	
PERIOD		3.20607	ug/m^3	PS_073	594995.50	4124805.91	64.62	1.50	64.62	
PERIOD		2.67320	ug/m^3	PS_074	594995.50	4124825.91	64.54	1.50	64.54	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.16491	ug/m^3	PS_075	594995.50	4124845.91	64.44	1.50	64.44	
PERIOD		1.73337	ug/m^3	PS_076	594995.50	4124865.91	64.32	1.50	64.32	
PERIOD		1.39796	ug/m^3	PS_077	594995.50	4124885.91	64.23	1.50	64.23	
PERIOD		1.15577	ug/m^3	PS_078	594995.50	4124905.91	64.09	1.50	64.09	
PERIOD		0.15897	ug/m^3	PS_079	594491.23	4124632.57	68.70	1.50	68.70	
PERIOD		0.18752	ug/m^3	PS_080	594491.23	4124652.57	68.70	1.50	68.70	
PERIOD		0.22259	ug/m^3	PS_081	594491.23	4124672.57	68.70	1.50	68.70	
PERIOD		0.26495	ug/m^3	PS_082	594491.23	4124692.57	68.70	1.50	68.70	
PERIOD		0.31519	ug/m^3	PS_083	594491.23	4124712.57	68.70	1.50	68.70	
PERIOD		0.37431	ug/m^3	PS_084	594491.23	4124732.57	68.54	1.50	68.54	
PERIOD		0.44291	ug/m^3	PS_085	594491.23	4124752.57	68.40	1.50	68.40	
PERIOD		0.14078	ug/m^3	PS_086	594511.23	4124612.57	68.64	1.50	68.64	
PERIOD		0.16496	ug/m^3	PS_087	594511.23	4124632.57	68.50	1.50	68.50	
PERIOD		0.19538	ug/m^3	PS_088	594511.23	4124652.57	68.50	1.50	68.50	
PERIOD		0.23347	ug/m^3	PS_089	594511.23	4124672.57	68.50	1.50	68.50	
PERIOD		0.28033	ug/m^3	PS_090	594511.23	4124692.57	68.50	1.50	68.50	
PERIOD		0.33698	ug/m^3	PS_091	594511.23	4124712.57	68.50	1.50	68.50	
PERIOD		0.40491	ug/m^3	PS_092	594511.23	4124732.57	68.33	1.50	68.33	
PERIOD		0.48492	ug/m^3	PS_093	594511.23	4124752.57	68.19	1.50	68.19	
PERIOD		0.14636	ug/m^3	PS_094	594531.23	4124612.57	68.44	1.50	68.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.17167	ug/m^3	PS_095	594531.23	4124632.57	68.29	1.50	68.29	
PERIOD		0.20403	ug/m^3	PS_096	594531.23	4124652.57	68.29	1.50	68.29	
PERIOD		0.24537	ug/m^3	PS_097	594531.23	4124672.57	68.29	1.50	68.29	
PERIOD		0.29729	ug/m^3	PS_098	594531.23	4124692.57	68.29	1.50	68.29	
PERIOD		0.36135	ug/m^3	PS_099	594531.23	4124712.57	68.29	1.50	68.29	
PERIOD		0.43964	ug/m^3	PS_100	594531.23	4124732.57	68.13	1.50	68.13	
PERIOD		0.53371	ug/m^3	PS_101	594531.23	4124752.57	67.99	1.50	67.99	
PERIOD		0.15290	ug/m^3	PS_102	594551.23	4124612.57	68.23	1.50	68.23	
PERIOD		0.17934	ug/m^3	PS_103	594551.23	4124632.57	68.09	1.50	68.09	
PERIOD		0.21371	ug/m^3	PS_104	594551.23	4124652.57	68.09	1.50	68.09	
PERIOD		0.25846	ug/m^3	PS_105	594551.23	4124672.57	68.09	1.50	68.09	
PERIOD		0.31598	ug/m^3	PS_106	594551.23	4124692.57	68.09	1.50	68.09	
PERIOD		0.38862	ug/m^3	PS_107	594551.23	4124712.57	68.09	1.50	68.09	
PERIOD		0.47937	ug/m^3	PS_108	594551.23	4124732.57	67.93	1.50	67.93	
PERIOD		0.59081	ug/m^3	PS_109	594551.23	4124752.57	67.79	1.50	67.79	
PERIOD		0.16060	ug/m^3	PS_110	594571.23	4124612.57	68.07	1.50	68.07	
PERIOD		0.18823	ug/m^3	PS_111	594571.23	4124632.57	67.95	1.50	67.95	
PERIOD		0.22476	ug/m^3	PS_112	594571.23	4124652.57	67.90	1.50	67.90	
PERIOD		0.27320	ug/m^3	PS_113	594571.23	4124672.57	67.89	1.50	67.89	
PERIOD		0.33695	ug/m^3	PS_114	594571.23	4124692.57	67.89	1.50	67.89	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.41949	ug/m^3	PS_115	594571.23	4124712.57	67.89	1.50	67.89	
PERIOD		0.52535	ug/m^3	PS_116	594571.23	4124732.57	67.72	1.50	67.72	
PERIOD		0.65864	ug/m^3	PS_117	594571.23	4124752.57	67.58	1.50	67.58	
PERIOD		0.16970	ug/m^3	PS_118	594591.23	4124612.57	67.98	1.50	67.98	
PERIOD		0.19860	ug/m^3	PS_119	594591.23	4124632.57	67.91	1.50	67.91	
PERIOD		0.23764	ug/m^3	PS_120	594591.23	4124652.57	67.72	1.50	67.72	
PERIOD		0.29005	ug/m^3	PS_121	594591.23	4124672.57	67.69	1.50	67.69	
PERIOD		0.36075	ug/m^3	PS_122	594591.23	4124692.57	67.69	1.50	67.69	
PERIOD		0.45491	ug/m^3	PS_123	594591.23	4124712.57	67.69	1.50	67.69	
PERIOD		0.57917	ug/m^3	PS_124	594591.23	4124732.57	67.52	1.50	67.52	
PERIOD		0.74010	ug/m^3	PS_125	594591.23	4124752.57	67.38	1.50	67.38	
PERIOD		0.21143	ug/m^3	PS_126	594611.23	4124632.57	67.72	1.50	67.72	
PERIOD		0.25299	ug/m^3	PS_127	594611.23	4124652.57	67.52	1.50	67.52	
PERIOD		0.30972	ug/m^3	PS_128	594611.23	4124672.57	67.48	1.50	67.48	
PERIOD		0.38840	ug/m^3	PS_129	594611.23	4124692.57	67.44	1.50	67.44	
PERIOD		0.49706	ug/m^3	PS_130	594611.23	4124712.57	67.32	1.50	67.32	
PERIOD		0.64383	ug/m^3	PS_131	594611.23	4124732.57	67.23	1.50	67.23	
PERIOD		0.83999	ug/m^3	PS_132	594611.23	4124752.57	67.18	1.50	67.18	
PERIOD		0.22701	ug/m^3	PS_133	594631.23	4124632.57	67.52	1.50	67.52	
PERIOD		0.27169	ug/m^3	PS_134	594631.23	4124652.57	67.32	1.50	67.32	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.33329	ug/m^3	PS_135	594631.23	4124672.57	67.28	1.50	67.28	
PERIOD		0.42086	ug/m^3	PS_136	594631.23	4124692.57	67.23	1.50	67.23	
PERIOD		0.54608	ug/m^3	PS_137	594631.23	4124712.57	67.09	1.50	67.09	
PERIOD		0.72155	ug/m^3	PS_138	594631.23	4124732.57	67.01	1.50	67.01	
PERIOD		0.96514	ug/m^3	PS_139	594631.23	4124752.57	66.97	1.50	66.97	
PERIOD		0.24595	ug/m^3	PS_140	594651.23	4124632.57	67.32	1.50	67.32	
PERIOD		0.29462	ug/m^3	PS_141	594651.23	4124652.57	67.12	1.50	67.12	
PERIOD		0.36213	ug/m^3	PS_142	594651.23	4124672.57	67.08	1.50	67.08	
PERIOD		0.45965	ug/m^3	PS_143	594651.23	4124692.57	67.07	1.50	67.07	
PERIOD		0.60345	ug/m^3	PS_144	594651.23	4124712.57	67.06	1.50	67.06	
PERIOD		0.81624	ug/m^3	PS_145	594651.23	4124732.57	66.90	1.50	66.90	
PERIOD		1.12617	ug/m^3	PS_146	594651.23	4124752.57	66.77	1.50	66.77	
PERIOD		0.26862	ug/m^3	PS_147	594671.23	4124632.57	67.15	1.50	67.15	
PERIOD		0.32236	ug/m^3	PS_148	594671.23	4124652.57	67.07	1.50	67.07	
PERIOD		0.39755	ug/m^3	PS_149	594671.23	4124672.57	66.96	1.50	66.96	
PERIOD		0.50809	ug/m^3	PS_150	594671.23	4124692.57	66.87	1.50	66.87	
PERIOD		0.67586	ug/m^3	PS_151	594671.23	4124712.57	66.87	1.50	66.87	
PERIOD		0.93744	ug/m^3	PS_152	594671.23	4124732.57	66.71	1.50	66.71	
PERIOD		1.34178	ug/m^3	PS_153	594671.23	4124752.57	66.57	1.50	66.57	
PERIOD		0.29565	ug/m^3	PS_154	594691.23	4124632.57	66.97	1.50	66.97	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.35665	ug/m^3	PS_155	594691.23	4124652.57	66.97	1.50	66.97	
PERIOD		0.44236	ug/m^3	PS_156	594691.23	4124672.57	66.85	1.50	66.85	
PERIOD		0.56950	ug/m^3	PS_157	594691.23	4124692.57	66.73	1.50	66.73	
PERIOD		0.76866	ug/m^3	PS_158	594691.23	4124712.57	66.68	1.50	66.68	
PERIOD		1.09684	ug/m^3	PS_159	594691.23	4124732.57	66.55	1.50	66.55	
PERIOD		1.64461	ug/m^3	PS_160	594691.23	4124752.57	66.43	1.50	66.43	
PERIOD		0.32803	ug/m^3	PS_161	594711.23	4124632.57	66.77	1.50	66.77	
PERIOD		0.39941	ug/m^3	PS_162	594711.23	4124652.57	66.77	1.50	66.77	
PERIOD		0.49921	ug/m^3	PS_163	594711.23	4124672.57	66.76	1.50	66.76	
PERIOD		0.64841	ug/m^3	PS_164	594711.23	4124692.57	66.69	1.50	66.69	
PERIOD		0.89087	ug/m^3	PS_165	594711.23	4124712.57	66.50	1.50	66.50	
PERIOD		1.31285	ug/m^3	PS_166	594711.23	4124732.57	66.46	1.50	66.46	
PERIOD		2.09400	ug/m^3	PS_167	594711.23	4124752.57	66.39	1.50	66.39	
PERIOD		0.36727	ug/m^3	PS_168	594731.23	4124632.57	66.71	1.50	66.71	
PERIOD		0.45348	ug/m^3	PS_169	594731.23	4124652.57	66.59	1.50	66.59	
PERIOD		0.57450	ug/m^3	PS_170	594731.23	4124672.57	66.57	1.50	66.57	
PERIOD		0.75580	ug/m^3	PS_171	594731.23	4124692.57	66.54	1.50	66.54	
PERIOD		1.05427	ug/m^3	PS_172	594731.23	4124712.57	66.46	1.50	66.46	
PERIOD		1.60994	ug/m^3	PS_173	594731.23	4124732.57	66.35	1.50	66.35	
PERIOD		2.79960	ug/m^3	PS_174	594731.23	4124752.57	66.20	1.50	66.20	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.20806	ug/m^3	R_001	594764.47	4124544.05	67.28	1.50	796.44	
PERIOD		0.24382	ug/m^3	R_002	594764.47	4124564.05	67.08	1.50	796.44	
PERIOD		0.28917	ug/m^3	R_003	594764.47	4124584.05	66.93	1.50	66.93	
PERIOD		0.34815	ug/m^3	R_004	594764.47	4124604.05	66.82	1.50	66.82	
PERIOD		0.42680	ug/m^3	R_005	594764.47	4124624.05	66.76	1.50	66.76	
PERIOD		0.53700	ug/m^3	R_006	594764.47	4124644.05	66.57	1.50	66.57	
PERIOD		0.69487	ug/m^3	R_007	594764.47	4124664.05	66.45	1.50	66.45	
PERIOD		0.93286	ug/m^3	R_008	594764.47	4124684.05	66.45	1.50	66.45	
PERIOD		1.32963	ug/m^3	R_009	594764.47	4124704.05	66.32	1.50	66.32	
PERIOD		2.07007	ug/m^3	R_010	594764.47	4124724.05	66.15	1.50	66.15	
PERIOD		3.90873	ug/m^3	R_011	594764.47	4124744.05	65.95	1.50	65.95	
PERIOD		14.23972	ug/m^3	R_012	594764.47	4124944.05	65.10	1.50	65.10	
PERIOD		8.81944	ug/m^3	R_013	594764.47	4124964.05	65.01	1.50	65.01	
PERIOD		5.98719	ug/m^3	R_014	594764.47	4124984.05	65.01	1.50	65.01	
PERIOD		4.34745	ug/m^3	R_015	594764.47	4125004.05	65.01	1.50	65.01	
PERIOD		3.31475	ug/m^3	R_016	594764.47	4125024.05	64.93	1.50	64.93	
PERIOD		2.62213	ug/m^3	R_017	594764.47	4125044.05	64.73	1.50	64.73	
PERIOD		2.12794	ug/m^3	R_018	594764.47	4125064.05	64.71	1.50	64.71	
PERIOD		1.76486	ug/m^3	R_019	594764.47	4125084.05	64.63	1.50	64.63	
PERIOD		1.49093	ug/m^3	R_020	594764.47	4125104.05	64.43	1.50	64.43	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.27651	ug/m^3	R_021	594764.47	4125124.05	64.40	1.50	64.40	
PERIOD		1.10669	ug/m^3	R_022	594764.47	4125144.05	64.32	1.50	64.32	
PERIOD		0.96938	ug/m^3	R_023	594764.47	4125164.05	64.12	1.50	64.12	
PERIOD		0.85676	ug/m^3	R_024	594764.47	4125184.05	64.10	1.50	64.10	
PERIOD		0.76345	ug/m^3	R_025	594764.47	4125204.05	64.10	1.50	64.10	
PERIOD		0.68514	ug/m^3	R_026	594764.47	4125224.05	64.10	1.50	64.10	
PERIOD		0.61885	ug/m^3	R_027	594764.47	4125244.05	64.10	1.50	64.10	
PERIOD		0.56210	ug/m^3	R_028	594764.47	4125264.05	64.10	1.50	64.10	
PERIOD		0.23665	ug/m^3	R_029	594784.47	4124544.05	67.28	1.50	796.44	
PERIOD		0.28063	ug/m^3	R_030	594784.47	4124564.05	67.08	1.50	796.44	
PERIOD		0.33793	ug/m^3	R_031	594784.47	4124584.05	66.88	1.50	66.88	
PERIOD		0.41441	ug/m^3	R_032	594784.47	4124604.05	66.72	1.50	66.72	
PERIOD		0.51901	ug/m^3	R_033	594784.47	4124624.05	66.65	1.50	66.65	
PERIOD		0.66993	ug/m^3	R_034	594784.47	4124644.05	66.53	1.50	66.53	
PERIOD		0.89807	ug/m^3	R_035	594784.47	4124664.05	66.42	1.50	66.42	
PERIOD		1.26951	ug/m^3	R_036	594784.47	4124684.05	66.34	1.50	66.34	
PERIOD		1.94828	ug/m^3	R_037	594784.47	4124704.05	66.22	1.50	66.22	
PERIOD		3.43556	ug/m^3	R_038	594784.47	4124724.05	66.06	1.50	66.06	
PERIOD		7.75658	ug/m^3	R_039	594784.47	4124744.05	65.86	1.50	65.86	
PERIOD		11.01228	ug/m^3	R_040	594784.47	4124944.05	65.00	1.50	65.00	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		6.92716	ug/m^3	R_041	594784.47	4124964.05	64.89	1.50	64.89	
PERIOD		4.82665	ug/m^3	R_042	594784.47	4124984.05	64.82	1.50	64.82	
PERIOD		3.58427	ug/m^3	R_043	594784.47	4125004.05	64.81	1.50	64.81	
PERIOD		2.78270	ug/m^3	R_044	594784.47	4125024.05	64.76	1.50	64.76	
PERIOD		2.23333	ug/m^3	R_045	594784.47	4125044.05	64.63	1.50	64.63	
PERIOD		1.83577	ug/m^3	R_046	594784.47	4125064.05	64.55	1.50	64.55	
PERIOD		1.53893	ug/m^3	R_047	594784.47	4125084.05	64.45	1.50	64.45	
PERIOD		1.31104	ug/m^3	R_048	594784.47	4125104.05	64.33	1.50	64.33	
PERIOD		1.13124	ug/m^3	R_049	594784.47	4125124.05	64.25	1.50	64.25	
PERIOD		0.98737	ug/m^3	R_050	594784.47	4125144.05	64.15	1.50	64.15	
PERIOD		0.87012	ug/m^3	R_051	594784.47	4125164.05	64.02	1.50	64.02	
PERIOD		0.77340	ug/m^3	R_052	594784.47	4125184.05	63.94	1.50	63.94	
PERIOD		0.69269	ug/m^3	R_053	594784.47	4125204.05	63.89	1.50	63.89	
PERIOD		0.62457	ug/m^3	R_054	594784.47	4125224.05	63.89	1.50	63.89	
PERIOD		0.56652	ug/m^3	R_055	594784.47	4125244.05	63.89	1.50	63.89	
PERIOD		0.51650	ug/m^3	R_056	594784.47	4125264.05	63.89	1.50	63.89	
PERIOD		0.23268	ug/m^3	R_057	594804.47	4124524.05	67.35	1.50	796.44	
PERIOD		0.27536	ug/m^3	R_058	594804.47	4124544.05	67.27	1.50	796.44	
PERIOD		0.33135	ug/m^3	R_059	594804.47	4124564.05	67.08	1.50	67.08	
PERIOD		0.40624	ug/m^3	R_060	594804.47	4124584.05	66.88	1.50	66.88	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.50937	ug/m^3	R_061	594804.47	4124604.05	66.67	1.50	66.67	
PERIOD		0.65726	ug/m^3	R_062	594804.47	4124624.05	66.47	1.50	66.47	
PERIOD		0.87644	ug/m^3	R_063	594804.47	4124644.05	66.45	1.50	66.45	
PERIOD		1.22970	ug/m^3	R_064	594804.47	4124664.05	66.37	1.50	66.37	
PERIOD		1.85909	ug/m^3	R_065	594804.47	4124684.05	66.17	1.50	66.17	
PERIOD		3.11207	ug/m^3	R_066	594804.47	4124704.05	66.13	1.50	66.13	
PERIOD		6.09465	ug/m^3	R_067	594804.47	4124724.05	66.05	1.50	66.05	
PERIOD		14.08349	ug/m^3	R_068	594804.47	4124744.05	65.86	1.50	65.86	
PERIOD		7.54906	ug/m^3	R_069	594804.47	4124944.05	64.91	1.50	64.91	
PERIOD		5.09858	ug/m^3	R_070	594804.47	4124964.05	64.84	1.50	64.84	
PERIOD		3.72927	ug/m^3	R_071	594804.47	4124984.05	64.64	1.50	64.64	
PERIOD		2.86281	ug/m^3	R_072	594804.47	4125004.05	64.61	1.50	64.61	
PERIOD		2.27797	ug/m^3	R_073	594804.47	4125024.05	64.60	1.50	64.60	
PERIOD		1.86188	ug/m^3	R_074	594804.47	4125044.05	64.60	1.50	64.60	
PERIOD		1.55642	ug/m^3	R_075	594804.47	4125064.05	64.43	1.50	64.43	
PERIOD		1.32208	ug/m^3	R_076	594804.47	4125084.05	64.30	1.50	64.30	
PERIOD		1.13825	ug/m^3	R_077	594804.47	4125104.05	64.30	1.50	64.30	
PERIOD		0.99177	ug/m^3	R_078	594804.47	4125124.05	64.12	1.50	64.12	
PERIOD		0.87285	ug/m^3	R_079	594804.47	4125144.05	63.99	1.50	63.99	
PERIOD		0.77503	ug/m^3	R_080	594804.47	4125164.05	63.99	1.50	63.99	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.69342	ug/m^3	R_081	594804.47	4125184.05	63.82	1.50	63.82	
PERIOD		0.62465	ug/m^3	R_082	594804.47	4125204.05	63.69	1.50	63.69	
PERIOD		0.56623	ug/m^3	R_083	594804.47	4125224.05	63.69	1.50	63.69	
PERIOD		0.51607	ug/m^3	R_084	594804.47	4125244.05	63.69	1.50	63.69	
PERIOD		0.47254	ug/m^3	R_085	594804.47	4125264.05	63.69	1.50	63.69	
PERIOD		0.23000	ug/m^3	R_086	594824.47	4124504.05	67.39	1.50	796.44	
PERIOD		0.27210	ug/m^3	R_087	594824.47	4124524.05	67.23	1.50	796.44	
PERIOD		0.32643	ug/m^3	R_088	594824.47	4124544.05	67.12	1.50	796.44	
PERIOD		0.39827	ug/m^3	R_089	594824.47	4124564.05	67.06	1.50	67.06	
PERIOD		0.49708	ug/m^3	R_090	594824.47	4124584.05	66.88	1.50	66.88	
PERIOD		0.63734	ug/m^3	R_091	594824.47	4124604.05	66.67	1.50	66.67	
PERIOD		0.84535	ug/m^3	R_092	594824.47	4124624.05	66.47	1.50	66.47	
PERIOD		1.16644	ug/m^3	R_093	594824.47	4124644.05	66.45	1.50	66.45	
PERIOD		1.70745	ug/m^3	R_094	594824.47	4124664.05	66.37	1.50	66.37	
PERIOD		2.71182	ug/m^3	R_095	594824.47	4124684.05	66.17	1.50	66.17	
PERIOD		4.76106	ug/m^3	R_096	594824.47	4124704.05	66.01	1.50	66.01	
PERIOD		9.30232	ug/m^3	R_097	594824.47	4124724.05	65.90	1.50	65.90	
PERIOD		19.38731	ug/m^3	R_098	594824.47	4124744.05	65.84	1.50	65.84	
PERIOD		7.86404	ug/m^3	R_099	594824.47	4124924.05	64.72	1.50	64.72	
PERIOD		5.19923	ug/m^3	R_100	594824.47	4124944.05	64.71	1.50	64.71	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.73156	ug/m^3	R_101	594824.47	4124964.05	64.68	1.50	64.68	
PERIOD		2.84396	ug/m^3	R_102	594824.47	4124984.05	64.62	1.50	64.62	
PERIOD		2.25864	ug/m^3	R_103	594824.47	4125004.05	64.49	1.50	64.49	
PERIOD		1.84524	ug/m^3	R_104	594824.47	4125024.05	64.40	1.50	64.40	
PERIOD		1.53912	ug/m^3	R_105	594824.47	4125044.05	64.40	1.50	64.40	
PERIOD		1.30703	ug/m^3	R_106	594824.47	4125064.05	64.22	1.50	64.22	
PERIOD		1.12556	ug/m^3	R_107	594824.47	4125084.05	64.10	1.50	64.10	
PERIOD		0.98090	ug/m^3	R_108	594824.47	4125104.05	64.10	1.50	64.10	
PERIOD		0.86361	ug/m^3	R_109	594824.47	4125124.05	63.92	1.50	63.92	
PERIOD		0.76696	ug/m^3	R_110	594824.47	4125144.05	63.79	1.50	63.79	
PERIOD		0.68647	ug/m^3	R_111	594824.47	4125164.05	63.79	1.50	63.79	
PERIOD		0.61850	ug/m^3	R_112	594824.47	4125184.05	63.61	1.50	63.61	
PERIOD		0.56070	ug/m^3	R_113	594824.47	4125204.05	63.49	1.50	63.49	
PERIOD		0.51116	ug/m^3	R_114	594824.47	4125224.05	63.49	1.50	63.49	
PERIOD		0.46829	ug/m^3	R_115	594824.47	4125244.05	63.49	1.50	63.49	
PERIOD		0.43082	ug/m^3	R_116	594824.47	4125264.05	63.43	1.50	63.43	
PERIOD		0.22690	ug/m^3	R_117	594844.47	4124484.05	67.50	1.50	796.44	
PERIOD		0.26742	ug/m^3	R_118	594844.47	4124504.05	67.38	1.50	796.44	
PERIOD		0.32014	ug/m^3	R_119	594844.47	4124524.05	67.18	1.50	796.44	
PERIOD		0.38913	ug/m^3	R_120	594844.47	4124544.05	67.03	1.50	796.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.48184	ug/m^3	R_121	594844.47	4124564.05	66.95	1.50	66.95	
PERIOD		0.61133	ug/m^3	R_122	594844.47	4124584.05	66.83	1.50	66.83	
PERIOD		0.79936	ug/m^3	R_123	594844.47	4124604.05	66.67	1.50	66.67	
PERIOD		1.08503	ug/m^3	R_124	594844.47	4124624.05	66.47	1.50	66.47	
PERIOD		1.53783	ug/m^3	R_125	594844.47	4124644.05	66.38	1.50	66.38	
PERIOD		2.30743	ug/m^3	R_126	594844.47	4124664.05	66.28	1.50	66.28	
PERIOD		3.70298	ug/m^3	R_127	594844.47	4124684.05	66.16	1.50	66.16	
PERIOD		6.38669	ug/m^3	R_128	594844.47	4124704.05	65.96	1.50	65.96	
PERIOD		11.58330	ug/m^3	R_129	594844.47	4124724.05	65.81	1.50	65.81	
PERIOD		20.60521	ug/m^3	R_130	594844.47	4124744.05	65.73	1.50	65.73	
PERIOD		5.28745	ug/m^3	R_131	594844.47	4124924.05	64.63	1.50	64.63	
PERIOD		3.73040	ug/m^3	R_132	594844.47	4124944.05	64.55	1.50	64.55	
PERIOD		2.81070	ug/m^3	R_133	594844.47	4124964.05	64.50	1.50	64.50	
PERIOD		2.21140	ug/m^3	R_134	594844.47	4124984.05	64.50	1.50	64.50	
PERIOD		1.80130	ug/m^3	R_135	594844.47	4125004.05	64.39	1.50	64.39	
PERIOD		1.50130	ug/m^3	R_136	594844.47	4125024.05	64.28	1.50	64.28	
PERIOD		1.27386	ug/m^3	R_137	594844.47	4125044.05	64.21	1.50	64.21	
PERIOD		1.09750	ug/m^3	R_138	594844.47	4125064.05	64.09	1.50	64.09	
PERIOD		0.95745	ug/m^3	R_139	594844.47	4125084.05	63.98	1.50	63.98	
PERIOD		0.84395	ug/m^3	R_140	594844.47	4125104.05	63.90	1.50	63.90	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.75032	ug/m^3	R_141	594844.47	4125124.05	63.78	1.50	63.78	
PERIOD		0.67216	ug/m^3	R_142	594844.47	4125144.05	63.67	1.50	63.67	
PERIOD		0.60634	ug/m^3	R_143	594844.47	4125164.05	63.60	1.50	63.60	
PERIOD		0.55023	ug/m^3	R_144	594844.47	4125184.05	63.48	1.50	63.48	
PERIOD		0.50196	ug/m^3	R_145	594844.47	4125204.05	63.37	1.50	63.37	
PERIOD		0.46021	ug/m^3	R_146	594844.47	4125224.05	63.29	1.50	63.29	
PERIOD		0.42382	ug/m^3	R_147	594844.47	4125244.05	63.28	1.50	63.28	
PERIOD		0.39180	ug/m^3	R_148	594844.47	4125264.05	63.21	1.50	63.21	
PERIOD		0.26208	ug/m^3	R_149	594864.47	4124484.05	67.36	1.50	796.44	
PERIOD		0.31129	ug/m^3	R_150	594864.47	4124504.05	67.35	1.50	796.44	
PERIOD		0.37616	ug/m^3	R_151	594864.47	4124524.05	67.17	1.50	796.44	
PERIOD		0.46277	ug/m^3	R_152	594864.47	4124544.05	66.97	1.50	796.44	
PERIOD		0.58149	ug/m^3	R_153	594864.47	4124564.05	66.77	1.50	796.44	
PERIOD		0.74730	ug/m^3	R_154	594864.47	4124584.05	66.74	1.50	66.74	
PERIOD		0.99014	ug/m^3	R_155	594864.47	4124604.05	66.66	1.50	66.66	
PERIOD		1.36288	ug/m^3	R_156	594864.47	4124624.05	66.46	1.50	66.46	
PERIOD		1.95658	ug/m^3	R_157	594864.47	4124644.05	66.26	1.50	66.26	
PERIOD		2.93420	ug/m^3	R_158	594864.47	4124664.05	66.14	1.50	66.14	
PERIOD		4.58761	ug/m^3	R_159	594864.47	4124684.05	66.13	1.50	66.13	
PERIOD		7.42735	ug/m^3	R_160	594864.47	4124704.05	65.96	1.50	65.96	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		11.92214	ug/m^3	R_161	594864.47	4124724.05	65.76	1.50	65.76	
PERIOD		17.36466	ug/m^3	R_162	594864.47	4124744.05	65.56	1.50	65.56	
PERIOD		3.74981	ug/m^3	R_163	594864.47	4124924.05	64.61	1.50	64.61	
PERIOD		2.81144	ug/m^3	R_164	594864.47	4124944.05	64.43	1.50	64.43	
PERIOD		2.19971	ug/m^3	R_165	594864.47	4124964.05	64.31	1.50	64.31	
PERIOD		1.77491	ug/m^3	R_166	594864.47	4124984.05	64.30	1.50	64.30	
PERIOD		1.46994	ug/m^3	R_167	594864.47	4125004.05	64.30	1.50	64.30	
PERIOD		1.24295	ug/m^3	R_168	594864.47	4125024.05	64.22	1.50	64.22	
PERIOD		1.06841	ug/m^3	R_169	594864.47	4125044.05	64.02	1.50	64.02	
PERIOD		0.93094	ug/m^3	R_170	594864.47	4125064.05	63.99	1.50	63.99	
PERIOD		0.82035	ug/m^3	R_171	594864.47	4125084.05	63.92	1.50	63.92	
PERIOD		0.72950	ug/m^3	R_172	594864.47	4125104.05	63.71	1.50	63.71	
PERIOD		0.65407	ug/m^3	R_173	594864.47	4125124.05	63.69	1.50	63.69	
PERIOD		0.59042	ug/m^3	R_174	594864.47	4125144.05	63.61	1.50	63.61	
PERIOD		0.53613	ug/m^3	R_175	594864.47	4125164.05	63.41	1.50	63.41	
PERIOD		0.48962	ug/m^3	R_176	594864.47	4125184.05	63.38	1.50	63.38	
PERIOD		0.44930	ug/m^3	R_177	594864.47	4125204.05	63.31	1.50	63.31	
PERIOD		0.41398	ug/m^3	R_178	594864.47	4125224.05	63.10	1.50	63.10	
PERIOD		0.38314	ug/m^3	R_179	594864.47	4125244.05	63.08	1.50	63.08	
PERIOD		0.35582	ug/m^3	R_180	594864.47	4125264.05	63.00	1.50	63.00	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.30140	ug/m^3	R_181	594884.47	4124484.05	67.31	1.50	796.44	
PERIOD		0.36147	ug/m^3	R_182	594884.47	4124504.05	67.16	1.50	796.44	
PERIOD		0.44059	ug/m^3	R_183	594884.47	4124524.05	66.97	1.50	796.44	
PERIOD		0.54681	ug/m^3	R_184	594884.47	4124544.05	66.82	1.50	796.44	
PERIOD		0.69216	ug/m^3	R_185	594884.47	4124564.05	66.76	1.50	66.76	
PERIOD		0.89967	ug/m^3	R_186	594884.47	4124584.05	66.62	1.50	66.62	
PERIOD		1.20310	ug/m^3	R_187	594884.47	4124604.05	66.46	1.50	66.46	
PERIOD		1.66164	ug/m^3	R_188	594884.47	4124624.05	66.25	1.50	66.25	
PERIOD		2.36255	ug/m^3	R_189	594884.47	4124644.05	66.18	1.50	66.18	
PERIOD		3.46069	ug/m^3	R_190	594884.47	4124664.05	66.09	1.50	66.09	
PERIOD		5.17278	ug/m^3	R_191	594884.47	4124684.05	65.94	1.50	65.94	
PERIOD		7.67560	ug/m^3	R_192	594884.47	4124704.05	65.87	1.50	65.87	
PERIOD		10.84060	ug/m^3	R_193	594884.47	4124724.05	65.76	1.50	65.76	
PERIOD		13.69483	ug/m^3	R_194	594884.47	4124744.05	65.56	1.50	65.56	
PERIOD		2.83742	ug/m^3	R_195	594884.47	4124924.05	64.42	1.50	64.42	
PERIOD		2.20707	ug/m^3	R_196	594884.47	4124944.05	64.35	1.50	64.35	
PERIOD		1.77652	ug/m^3	R_197	594884.47	4124964.05	64.26	1.50	64.26	
PERIOD		1.46397	ug/m^3	R_198	594884.47	4124984.05	64.11	1.50	64.11	
PERIOD		1.23063	ug/m^3	R_199	594884.47	4125004.05	64.10	1.50	64.10	
PERIOD		1.05236	ug/m^3	R_200	594884.47	4125024.05	64.02	1.50	64.02	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.91292	ug/m^3	R_201	594884.47	4125044.05	63.82	1.50	63.82	
PERIOD		0.80191	ug/m^3	R_202	594884.47	4125064.05	63.79	1.50	63.79	
PERIOD		0.71165	ug/m^3	R_203	594884.47	4125084.05	63.71	1.50	63.71	
PERIOD		0.63695	ug/m^3	R_204	594884.47	4125104.05	63.51	1.50	63.51	
PERIOD		0.57458	ug/m^3	R_205	594884.47	4125124.05	63.49	1.50	63.49	
PERIOD		0.52171	ug/m^3	R_206	594884.47	4125144.05	63.41	1.50	63.41	
PERIOD		0.47631	ug/m^3	R_207	594884.47	4125164.05	63.21	1.50	63.21	
PERIOD		0.43722	ug/m^3	R_208	594884.47	4125184.05	63.18	1.50	63.18	
PERIOD		0.40312	ug/m^3	R_209	594884.47	4125204.05	63.10	1.50	63.10	
PERIOD		0.37313	ug/m^3	R_210	594884.47	4125224.05	62.90	1.50	62.90	
PERIOD		0.34684	ug/m^3	R_211	594884.47	4125244.05	62.88	1.50	62.88	
PERIOD		0.32335	ug/m^3	R_212	594884.47	4125264.05	62.80	1.50	62.80	
PERIOD		0.34496	ug/m^3	R_213	594904.47	4124484.05	67.17	1.50	796.44	
PERIOD		0.41660	ug/m^3	R_214	594904.47	4124504.05	66.97	1.50	796.44	
PERIOD		0.51105	ug/m^3	R_215	594904.47	4124524.05	66.83	1.50	796.44	
PERIOD		0.63805	ug/m^3	R_216	594904.47	4124544.05	66.72	1.50	796.44	
PERIOD		0.81253	ug/m^3	R_217	594904.47	4124564.05	66.65	1.50	66.65	
PERIOD		1.05921	ug/m^3	R_218	594904.47	4124584.05	66.53	1.50	66.53	
PERIOD		1.41505	ug/m^3	R_219	594904.47	4124604.05	66.37	1.50	66.37	
PERIOD		1.93743	ug/m^3	R_220	594904.47	4124624.05	66.17	1.50	66.17	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.70089	ug/m^3	R_221	594904.47	4124644.05	66.07	1.50	66.07	
PERIOD		3.81096	ug/m^3	R_222	594904.47	4124664.05	65.98	1.50	65.98	
PERIOD		5.36179	ug/m^3	R_223	594904.47	4124684.05	65.85	1.50	65.85	
PERIOD		7.31484	ug/m^3	R_224	594904.47	4124704.05	65.77	1.50	65.77	
PERIOD		9.35428	ug/m^3	R_225	594904.47	4124724.05	65.64	1.50	65.64	
PERIOD		10.85999	ug/m^3	R_226	594904.47	4124744.05	65.44	1.50	65.44	
PERIOD		2.23719	ug/m^3	R_227	594904.47	4124924.05	64.33	1.50	64.33	
PERIOD		1.78873	ug/m^3	R_228	594904.47	4124944.05	64.25	1.50	64.25	
PERIOD		1.47365	ug/m^3	R_229	594904.47	4124964.05	64.15	1.50	64.15	
PERIOD		1.23631	ug/m^3	R_230	594904.47	4124984.05	64.02	1.50	64.02	
PERIOD		1.05308	ug/m^3	R_231	594904.47	4125004.05	63.94	1.50	63.94	
PERIOD		0.90933	ug/m^3	R_232	594904.47	4125024.05	63.85	1.50	63.85	
PERIOD		0.79467	ug/m^3	R_233	594904.47	4125044.05	63.72	1.50	63.72	
PERIOD		0.70236	ug/m^3	R_234	594904.47	4125064.05	63.64	1.50	63.64	
PERIOD		0.62659	ug/m^3	R_235	594904.47	4125084.05	63.54	1.50	63.54	
PERIOD		0.56349	ug/m^3	R_236	594904.47	4125104.05	63.41	1.50	63.41	
PERIOD		0.51056	ug/m^3	R_237	594904.47	4125124.05	63.33	1.50	63.33	
PERIOD		0.46545	ug/m^3	R_238	594904.47	4125144.05	63.24	1.50	63.24	
PERIOD		0.42668	ug/m^3	R_239	594904.47	4125164.05	63.11	1.50	63.11	
PERIOD		0.39306	ug/m^3	R_240	594904.47	4125184.05	63.03	1.50	63.03	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.36372	ug/m^3	R_241	594904.47	4125204.05	62.93	1.50	62.93	
PERIOD		0.33790	ug/m^3	R_242	594904.47	4125224.05	62.80	1.50	62.80	
PERIOD		0.31506	ug/m^3	R_243	594904.47	4125244.05	62.72	1.50	62.72	
PERIOD		0.29469	ug/m^3	R_244	594904.47	4125264.05	62.63	1.50	62.63	
PERIOD		0.39194	ug/m^3	R_245	594924.47	4124484.05	66.98	1.50	796.44	
PERIOD		0.47583	ug/m^3	R_246	594924.47	4124504.05	66.78	1.50	796.44	
PERIOD		0.58545	ug/m^3	R_247	594924.47	4124524.05	66.74	1.50	796.44	
PERIOD		0.73305	ug/m^3	R_248	594924.47	4124544.05	66.66	1.50	796.44	
PERIOD		0.93652	ug/m^3	R_249	594924.47	4124564.05	66.47	1.50	66.47	
PERIOD		1.21542	ug/m^3	R_250	594924.47	4124584.05	66.44	1.50	66.44	
PERIOD		1.60735	ug/m^3	R_251	594924.47	4124604.05	66.36	1.50	66.36	
PERIOD		2.16141	ug/m^3	R_252	594924.47	4124624.05	66.17	1.50	66.17	
PERIOD		2.93114	ug/m^3	R_253	594924.47	4124644.05	65.96	1.50	65.96	
PERIOD		3.96016	ug/m^3	R_254	594924.47	4124664.05	65.83	1.50	65.83	
PERIOD		5.23622	ug/m^3	R_255	594924.47	4124684.05	65.82	1.50	65.82	
PERIOD		6.65412	ug/m^3	R_256	594924.47	4124704.05	65.65	1.50	65.65	
PERIOD		7.92644	ug/m^3	R_257	594924.47	4124724.05	65.46	1.50	65.46	
PERIOD		8.74246	ug/m^3	R_258	594924.47	4124744.05	65.25	1.50	65.25	
PERIOD		1.81498	ug/m^3	R_259	594924.47	4124924.05	64.30	1.50	64.30	
PERIOD		1.48585	ug/m^3	R_260	594924.47	4124944.05	64.13	1.50	64.13	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.24745	ug/m^3	R_261	594924.47	4124964.05	64.00	1.50	64.00	
PERIOD		1.06290	ug/m^3	R_262	594924.47	4124984.05	64.00	1.50	64.00	
PERIOD		0.91608	ug/m^3	R_263	594924.47	4125004.05	63.82	1.50	63.82	
PERIOD		0.79806	ug/m^3	R_264	594924.47	4125024.05	63.70	1.50	63.70	
PERIOD		0.70267	ug/m^3	R_265	594924.47	4125044.05	63.69	1.50	63.69	
PERIOD		0.62421	ug/m^3	R_266	594924.47	4125064.05	63.52	1.50	63.52	
PERIOD		0.55934	ug/m^3	R_267	594924.47	4125084.05	63.40	1.50	63.40	
PERIOD		0.50515	ug/m^3	R_268	594924.47	4125104.05	63.39	1.50	63.39	
PERIOD		0.45908	ug/m^3	R_269	594924.47	4125124.05	63.21	1.50	63.21	
PERIOD		0.41979	ug/m^3	R_270	594924.47	4125144.05	63.09	1.50	63.09	
PERIOD		0.38601	ug/m^3	R_271	594924.47	4125164.05	63.08	1.50	63.08	
PERIOD		0.35650	ug/m^3	R_272	594924.47	4125184.05	62.90	1.50	62.90	
PERIOD		0.33070	ug/m^3	R_273	594924.47	4125204.05	62.78	1.50	62.78	
PERIOD		0.30808	ug/m^3	R_274	594924.47	4125224.05	62.78	1.50	62.78	
PERIOD		0.28789	ug/m^3	R_275	594924.47	4125244.05	62.60	1.50	62.60	
PERIOD		0.26986	ug/m^3	R_276	594924.47	4125264.05	62.47	1.50	62.47	
PERIOD		0.44037	ug/m^3	R_277	594944.47	4124484.05	66.98	1.50	796.44	
PERIOD		0.53624	ug/m^3	R_278	594944.47	4124504.05	66.78	1.50	796.44	
PERIOD		0.66210	ug/m^3	R_279	594944.47	4124524.05	66.62	1.50	796.44	
PERIOD		0.82930	ug/m^3	R_280	594944.47	4124544.05	66.51	1.50	796.44	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.05321	ug/m^3	R_281	594944.47	4124564.05	66.45	1.50	66.45	
PERIOD		1.35775	ug/m^3	R_282	594944.47	4124584.05	66.32	1.50	66.32	
PERIOD		1.76967	ug/m^3	R_283	594944.47	4124604.05	66.21	1.50	66.21	
PERIOD		2.31850	ug/m^3	R_284	594944.47	4124624.05	66.15	1.50	66.15	
PERIOD		3.03845	ug/m^3	R_285	594944.47	4124644.05	65.96	1.50	65.96	
PERIOD		3.92746	ug/m^3	R_286	594944.47	4124664.05	65.78	1.50	65.78	
PERIOD		4.92808	ug/m^3	R_287	594944.47	4124684.05	65.64	1.50	65.64	
PERIOD		5.90267	ug/m^3	R_288	594944.47	4124704.05	65.57	1.50	65.57	
PERIOD		6.67194	ug/m^3	R_289	594944.47	4124724.05	65.46	1.50	65.46	
PERIOD		7.09415	ug/m^3	R_290	594944.47	4124744.05	65.25	1.50	65.25	
PERIOD		1.50467	ug/m^3	R_291	594944.47	4124924.05	64.11	1.50	64.11	
PERIOD		1.25654	ug/m^3	R_292	594944.47	4124944.05	64.04	1.50	64.04	
PERIOD		1.07219	ug/m^3	R_293	594944.47	4124964.05	63.95	1.50	63.95	
PERIOD		0.92595	ug/m^3	R_294	594944.47	4124984.05	63.81	1.50	63.81	
PERIOD		0.80692	ug/m^3	R_295	594944.47	4125004.05	63.74	1.50	63.74	
PERIOD		0.70911	ug/m^3	R_296	594944.47	4125024.05	63.65	1.50	63.65	
PERIOD		0.62838	ug/m^3	R_297	594944.47	4125044.05	63.50	1.50	63.50	
PERIOD		0.56139	ug/m^3	R_298	594944.47	4125064.05	63.43	1.50	63.43	
PERIOD		0.50524	ug/m^3	R_299	594944.47	4125084.05	63.34	1.50	63.34	
PERIOD		0.45772	ug/m^3	R_300	594944.47	4125104.05	63.20	1.50	63.20	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.41737	ug/m^3	R_301	594944.47	4125124.05	63.13	1.50	63.13	
PERIOD		0.38264	ug/m^3	R_302	594944.47	4125144.05	63.04	1.50	63.04	
PERIOD		0.35250	ug/m^3	R_303	594944.47	4125164.05	62.89	1.50	62.89	
PERIOD		0.32621	ug/m^3	R_304	594944.47	4125184.05	62.70	1.50	62.70	
PERIOD		0.30319	ug/m^3	R_305	594944.47	4125204.05	62.57	1.50	62.57	
PERIOD		0.28295	ug/m^3	R_306	594944.47	4125224.05	62.57	1.50	62.57	
PERIOD		0.26486	ug/m^3	R_307	594944.47	4125244.05	62.39	1.50	62.39	
PERIOD		0.24872	ug/m^3	R_308	594944.47	4125264.05	62.27	1.50	62.27	
PERIOD		0.49076	ug/m^3	R_309	594964.47	4124484.05	66.89	1.50	796.44	
PERIOD		0.59736	ug/m^3	R_310	594964.47	4124504.05	66.77	1.50	796.44	
PERIOD		0.73717	ug/m^3	R_311	594964.47	4124524.05	66.57	1.50	796.44	
PERIOD		0.92003	ug/m^3	R_312	594964.47	4124544.05	66.42	1.50	796.44	
PERIOD		1.15972	ug/m^3	R_313	594964.47	4124564.05	66.34	1.50	66.34	
PERIOD		1.47565	ug/m^3	R_314	594964.47	4124584.05	66.22	1.50	66.22	
PERIOD		1.88617	ug/m^3	R_315	594964.47	4124604.05	66.11	1.50	66.11	
PERIOD		2.40611	ug/m^3	R_316	594964.47	4124624.05	66.04	1.50	66.04	
PERIOD		3.04186	ug/m^3	R_317	594964.47	4124644.05	65.92	1.50	65.92	
PERIOD		3.76768	ug/m^3	R_318	594964.47	4124664.05	65.76	1.50	65.76	
PERIOD		4.51648	ug/m^3	R_319	594964.47	4124684.05	65.56	1.50	65.56	
PERIOD		5.17179	ug/m^3	R_320	594964.47	4124704.05	65.46	1.50	65.46	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		5.62278	ug/m^3	R_321	594964.47	4124724.05	65.37	1.50	65.37	
PERIOD		5.80038	ug/m^3	R_322	594964.47	4124744.05	65.24	1.50	65.24	
PERIOD		1.26799	ug/m^3	R_323	594964.47	4124924.05	64.03	1.50	64.03	
PERIOD		1.07721	ug/m^3	R_324	594964.47	4124944.05	63.94	1.50	63.94	
PERIOD		0.93220	ug/m^3	R_325	594964.47	4124964.05	63.85	1.50	63.85	
PERIOD		0.81475	ug/m^3	R_326	594964.47	4124984.05	63.72	1.50	63.72	
PERIOD		0.71737	ug/m^3	R_327	594964.47	4125004.05	63.64	1.50	63.64	
PERIOD		0.63571	ug/m^3	R_328	594964.47	4125024.05	63.54	1.50	63.54	
PERIOD		0.56707	ug/m^3	R_329	594964.47	4125044.05	63.41	1.50	63.41	
PERIOD		0.50928	ug/m^3	R_330	594964.47	4125064.05	63.33	1.50	63.33	
PERIOD		0.46027	ug/m^3	R_331	594964.47	4125084.05	63.24	1.50	63.24	
PERIOD		0.41849	ug/m^3	R_332	594964.47	4125104.05	63.11	1.50	63.11	
PERIOD		0.38270	ug/m^3	R_333	594964.47	4125124.05	63.03	1.50	63.03	
PERIOD		0.35169	ug/m^3	R_334	594964.47	4125144.05	62.90	1.50	62.90	
PERIOD		0.32468	ug/m^3	R_335	594964.47	4125164.05	62.70	1.50	62.70	
PERIOD		0.30107	ug/m^3	R_336	594964.47	4125184.05	62.56	1.50	62.56	
PERIOD		0.28029	ug/m^3	R_337	594964.47	4125204.05	62.46	1.50	62.46	
PERIOD		0.26191	ug/m^3	R_338	594964.47	4125224.05	62.38	1.50	62.38	
PERIOD		0.24552	ug/m^3	R_339	594964.47	4125244.05	62.26	1.50	62.26	
PERIOD		0.23084	ug/m^3	R_340	594964.47	4125264.05	62.15	1.50	62.15	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.54156	ug/m^3	R_341	594984.47	4124484.05	66.75	1.50	796.44	
PERIOD		0.65719	ug/m^3	R_342	594984.47	4124504.05	66.74	1.50	796.44	
PERIOD		0.80736	ug/m^3	R_343	594984.47	4124524.05	66.56	1.50	796.44	
PERIOD		1.00104	ug/m^3	R_344	594984.47	4124544.05	66.36	1.50	796.44	
PERIOD		1.24987	ug/m^3	R_345	594984.47	4124564.05	66.17	1.50	66.17	
PERIOD		1.56300	ug/m^3	R_346	594984.47	4124584.05	66.13	1.50	66.13	
PERIOD		1.95361	ug/m^3	R_347	594984.47	4124604.05	66.05	1.50	66.05	
PERIOD		2.42741	ug/m^3	R_348	594984.47	4124624.05	65.86	1.50	65.86	
PERIOD		2.96324	ug/m^3	R_349	594984.47	4124644.05	65.83	1.50	65.83	
PERIOD		3.53055	ug/m^3	R_350	594984.47	4124664.05	65.75	1.50	65.75	
PERIOD		4.07083	ug/m^3	R_351	594984.47	4124684.05	65.54	1.50	65.54	
PERIOD		4.49993	ug/m^3	R_352	594984.47	4124704.05	65.35	1.50	65.35	
PERIOD		4.74584	ug/m^3	R_353	594984.47	4124724.05	65.22	1.50	65.22	
PERIOD		4.76855	ug/m^3	R_354	594984.47	4124744.05	65.21	1.50	65.21	
PERIOD		1.08263	ug/m^3	R_355	594984.47	4124924.05	64.02	1.50	64.02	
PERIOD		0.93342	ug/m^3	R_356	594984.47	4124944.05	63.82	1.50	63.82	
PERIOD		0.81743	ug/m^3	R_357	594984.47	4124964.05	63.70	1.50	63.70	
PERIOD		0.72260	ug/m^3	R_358	594984.47	4124984.05	63.69	1.50	63.69	
PERIOD		0.64217	ug/m^3	R_359	594984.47	4125004.05	63.52	1.50	63.52	
PERIOD		0.57373	ug/m^3	R_360	594984.47	4125024.05	63.40	1.50	63.40	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.51535	ug/m^3	R_361	594984.47	4125044.05	63.39	1.50	63.39	
PERIOD		0.46512	ug/m^3	R_362	594984.47	4125064.05	63.21	1.50	63.21	
PERIOD		0.42216	ug/m^3	R_363	594984.47	4125084.05	63.09	1.50	63.09	
PERIOD		0.38535	ug/m^3	R_364	594984.47	4125104.05	63.08	1.50	63.08	
PERIOD		0.35333	ug/m^3	R_365	594984.47	4125124.05	62.91	1.50	62.91	
PERIOD		0.32548	ug/m^3	R_366	594984.47	4125144.05	62.71	1.50	62.71	
PERIOD		0.30112	ug/m^3	R_367	594984.47	4125164.05	62.51	1.50	62.51	
PERIOD		0.27982	ug/m^3	R_368	594984.47	4125184.05	62.48	1.50	62.48	
PERIOD		0.26097	ug/m^3	R_369	594984.47	4125204.05	62.40	1.50	62.40	
PERIOD		0.24414	ug/m^3	R_370	594984.47	4125224.05	62.20	1.50	62.20	
PERIOD		0.22918	ug/m^3	R_371	594984.47	4125244.05	62.17	1.50	62.17	
PERIOD		0.21574	ug/m^3	R_372	594984.47	4125264.05	62.09	1.50	62.09	
PERIOD		0.59026	ug/m^3	R_373	595004.47	4124484.05	66.70	1.50	796.44	
PERIOD		0.71481	ug/m^3	R_374	595004.47	4124504.05	66.55	1.50	796.44	
PERIOD		0.87256	ug/m^3	R_375	595004.47	4124524.05	66.36	1.50	796.44	
PERIOD		1.07047	ug/m^3	R_376	595004.47	4124544.05	66.21	1.50	796.44	
PERIOD		1.31580	ug/m^3	R_377	595004.47	4124564.05	66.15	1.50	66.15	
PERIOD		1.61799	ug/m^3	R_378	595004.47	4124584.05	66.01	1.50	66.01	
PERIOD		1.97716	ug/m^3	R_379	595004.47	4124604.05	65.90	1.50	65.90	
PERIOD		2.38590	ug/m^3	R_380	595004.47	4124624.05	65.84	1.50	65.84	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.82645	ug/m^3	R_381	595004.47	4124644.05	65.71	1.50	65.71	
PERIOD		3.26103	ug/m^3	R_382	595004.47	4124664.05	65.54	1.50	65.54	
PERIOD		3.63818	ug/m^3	R_383	595004.47	4124684.05	65.34	1.50	65.34	
PERIOD		3.89876	ug/m^3	R_384	595004.47	4124704.05	65.26	1.50	65.26	
PERIOD		4.00564	ug/m^3	R_385	595004.47	4124724.05	65.17	1.50	65.17	
PERIOD		3.94600	ug/m^3	R_386	595004.47	4124744.05	65.03	1.50	65.03	
PERIOD		0.93441	ug/m^3	R_387	595004.47	4124924.05	63.82	1.50	63.82	
PERIOD		0.81599	ug/m^3	R_388	595004.47	4124944.05	63.74	1.50	63.74	
PERIOD		0.72251	ug/m^3	R_389	595004.47	4124964.05	63.65	1.50	63.65	
PERIOD		0.64471	ug/m^3	R_390	595004.47	4124984.05	63.50	1.50	63.50	
PERIOD		0.57827	ug/m^3	R_391	595004.47	4125004.05	63.43	1.50	63.43	
PERIOD		0.52066	ug/m^3	R_392	595004.47	4125024.05	63.34	1.50	63.34	
PERIOD		0.47050	ug/m^3	R_393	595004.47	4125044.05	63.20	1.50	63.20	
PERIOD		0.42701	ug/m^3	R_394	595004.47	4125064.05	63.13	1.50	63.13	
PERIOD		0.38929	ug/m^3	R_395	595004.47	4125084.05	63.04	1.50	63.04	
PERIOD		0.35648	ug/m^3	R_396	595004.47	4125104.05	62.89	1.50	62.89	
PERIOD		0.32795	ug/m^3	R_397	595004.47	4125124.05	62.83	1.50	62.83	
PERIOD		0.30294	ug/m^3	R_398	595004.47	4125144.05	62.71	1.50	62.71	
PERIOD		0.28092	ug/m^3	R_399	595004.47	4125164.05	62.51	1.50	62.51	
PERIOD		0.26147	ug/m^3	R_400	595004.47	4125184.05	62.36	1.50	62.36	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.24428	ug/m^3	R_401	595004.47	4125204.05	62.25	1.50	62.25	
PERIOD		0.22894	ug/m^3	R_402	595004.47	4125224.05	62.19	1.50	62.19	
PERIOD		0.21516	ug/m^3	R_403	595004.47	4125244.05	62.05	1.50	62.05	
PERIOD		0.20274	ug/m^3	R_404	595004.47	4125264.05	61.89	1.50	61.89	
PERIOD		0.63638	ug/m^3	R_405	595024.47	4124484.05	66.59	1.50	796.44	
PERIOD		0.76584	ug/m^3	R_406	595024.47	4124504.05	66.46	1.50	796.44	
PERIOD		0.92667	ug/m^3	R_407	595024.47	4124524.05	66.27	1.50	796.44	
PERIOD		1.12356	ug/m^3	R_408	595024.47	4124544.05	66.11	1.50	796.44	
PERIOD		1.36013	ug/m^3	R_409	595024.47	4124564.05	66.04	1.50	66.04	
PERIOD		1.64022	ug/m^3	R_410	595024.47	4124584.05	65.92	1.50	65.92	
PERIOD		1.95892	ug/m^3	R_411	595024.47	4124604.05	65.81	1.50	65.81	
PERIOD		2.30338	ug/m^3	R_412	595024.47	4124624.05	65.73	1.50	65.73	
PERIOD		2.65233	ug/m^3	R_413	595024.47	4124644.05	65.61	1.50	65.61	
PERIOD		2.97218	ug/m^3	R_414	595024.47	4124664.05	65.46	1.50	65.46	
PERIOD		3.22520	ug/m^3	R_415	595024.47	4124684.05	65.25	1.50	65.25	
PERIOD		3.37066	ug/m^3	R_416	595024.47	4124704.05	65.16	1.50	65.16	
PERIOD		3.38923	ug/m^3	R_417	595024.47	4124724.05	65.06	1.50	65.06	
PERIOD		3.27757	ug/m^3	R_418	595024.47	4124744.05	64.94	1.50	64.94	
PERIOD		3.05187	ug/m^3	R_419	595024.47	4124764.05	64.74	1.50	64.74	
PERIOD		2.73428	ug/m^3	R_420	595024.47	4124784.05	64.59	1.50	64.59	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.36205	ug/m^3	R_421	595024.47	4124804.05	64.51	1.50	64.51	
PERIOD		1.98293	ug/m^3	R_422	595024.47	4124824.05	64.39	1.50	64.39	
PERIOD		1.63142	ug/m^3	R_423	595024.47	4124844.05	64.28	1.50	64.28	
PERIOD		1.33639	ug/m^3	R_424	595024.47	4124864.05	64.21	1.50	64.21	
PERIOD		1.10787	ug/m^3	R_425	595024.47	4124884.05	64.02	1.50	64.02	
PERIOD		0.93866	ug/m^3	R_426	595024.47	4124904.05	63.85	1.50	63.85	
PERIOD		0.81372	ug/m^3	R_427	595024.47	4124924.05	63.72	1.50	63.72	
PERIOD		0.71873	ug/m^3	R_428	595024.47	4124944.05	63.64	1.50	63.64	
PERIOD		0.64257	ug/m^3	R_429	595024.47	4124964.05	63.54	1.50	63.54	
PERIOD		0.57852	ug/m^3	R_430	595024.47	4124984.05	63.41	1.50	63.41	
PERIOD		0.52317	ug/m^3	R_431	595024.47	4125004.05	63.33	1.50	63.33	
PERIOD		0.47449	ug/m^3	R_432	595024.47	4125024.05	63.24	1.50	63.24	
PERIOD		0.43153	ug/m^3	R_433	595024.47	4125044.05	63.11	1.50	63.11	
PERIOD		0.39369	ug/m^3	R_434	595024.47	4125064.05	63.03	1.50	63.03	
PERIOD		0.36047	ug/m^3	R_435	595024.47	4125084.05	62.93	1.50	62.93	
PERIOD		0.33127	ug/m^3	R_436	595024.47	4125104.05	62.80	1.50	62.80	
PERIOD		0.30568	ug/m^3	R_437	595024.47	4125124.05	62.72	1.50	62.72	
PERIOD		0.28310	ug/m^3	R_438	595024.47	4125144.05	62.60	1.50	62.60	
PERIOD		0.26311	ug/m^3	R_439	595024.47	4125164.05	62.39	1.50	62.39	
PERIOD		0.24542	ug/m^3	R_440	595024.47	4125184.05	62.26	1.50	62.26	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.22969	ug/m^3	R_441	595024.47	4125204.05	62.15	1.50	62.15	
PERIOD		0.21559	ug/m^3	R_442	595024.47	4125224.05	62.07	1.50	62.07	
PERIOD		0.20290	ug/m^3	R_443	595024.47	4125244.05	61.89	1.50	61.89	
PERIOD		0.19141	ug/m^3	R_444	595024.47	4125264.05	61.71	1.50	61.71	
PERIOD		0.67822	ug/m^3	R_445	595044.47	4124484.05	66.44	1.50	796.44	
PERIOD		0.80872	ug/m^3	R_446	595044.47	4124504.05	66.43	1.50	796.44	
PERIOD		0.96817	ug/m^3	R_447	595044.47	4124524.05	66.26	1.50	796.44	
PERIOD		1.15911	ug/m^3	R_448	595044.47	4124544.05	66.06	1.50	796.44	
PERIOD		1.38261	ug/m^3	R_449	595044.47	4124564.05	65.86	1.50	65.86	
PERIOD		1.63339	ug/m^3	R_450	595044.47	4124584.05	65.83	1.50	65.83	
PERIOD		1.90747	ug/m^3	R_451	595044.47	4124604.05	65.75	1.50	65.75	
PERIOD		2.19170	ug/m^3	R_452	595044.47	4124624.05	65.56	1.50	65.56	
PERIOD		2.45850	ug/m^3	R_453	595044.47	4124644.05	65.52	1.50	65.52	
PERIOD		2.68450	ug/m^3	R_454	595044.47	4124664.05	65.44	1.50	65.44	
PERIOD		2.84427	ug/m^3	R_455	595044.47	4124684.05	65.24	1.50	65.24	
PERIOD		2.91233	ug/m^3	R_456	595044.47	4124704.05	65.04	1.50	65.04	
PERIOD		2.87538	ug/m^3	R_457	595044.47	4124724.05	64.92	1.50	64.92	
PERIOD		2.73491	ug/m^3	R_458	595044.47	4124744.05	64.91	1.50	64.91	
PERIOD		2.51543	ug/m^3	R_459	595044.47	4124764.05	64.73	1.50	64.73	
PERIOD		2.23758	ug/m^3	R_460	595044.47	4124784.05	64.53	1.50	64.53	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.93172	ug/m^3	R_461	595044.47	4124804.05	64.34	1.50	64.34	
PERIOD		1.62495	ug/m^3	R_462	595044.47	4124824.05	64.30	1.50	64.30	
PERIOD		1.35031	ug/m^3	R_463	595044.47	4124844.05	64.23	1.50	64.23	
PERIOD		1.12318	ug/m^3	R_464	595044.47	4124864.05	64.03	1.50	64.03	
PERIOD		0.94656	ug/m^3	R_465	595044.47	4124884.05	63.83	1.50	63.83	
PERIOD		0.81385	ug/m^3	R_466	595044.47	4124904.05	63.70	1.50	63.70	
PERIOD		0.71454	ug/m^3	R_467	595044.47	4124924.05	63.69	1.50	63.69	
PERIOD		0.63734	ug/m^3	R_468	595044.47	4124944.05	63.52	1.50	63.52	
PERIOD		0.57474	ug/m^3	R_469	595044.47	4124964.05	63.40	1.50	63.40	
PERIOD		0.52184	ug/m^3	R_470	595044.47	4124984.05	63.39	1.50	63.39	
PERIOD		0.47527	ug/m^3	R_471	595044.47	4125004.05	63.21	1.50	63.21	
PERIOD		0.43393	ug/m^3	R_472	595044.47	4125024.05	63.08	1.50	63.08	
PERIOD		0.39720	ug/m^3	R_473	595044.47	4125044.05	63.08	1.50	63.08	
PERIOD		0.36418	ug/m^3	R_474	595044.47	4125064.05	62.90	1.50	62.90	
PERIOD		0.33484	ug/m^3	R_475	595044.47	4125084.05	62.78	1.50	62.78	
PERIOD		0.30897	ug/m^3	R_476	595044.47	4125104.05	62.78	1.50	62.78	
PERIOD		0.28586	ug/m^3	R_477	595044.47	4125124.05	62.60	1.50	62.60	
PERIOD		0.26538	ug/m^3	R_478	595044.47	4125144.05	62.40	1.50	62.40	
PERIOD		0.24721	ug/m^3	R_479	595044.47	4125164.05	62.20	1.50	62.20	
PERIOD		0.23112	ug/m^3	R_480	595044.47	4125184.05	62.17	1.50	62.17	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.21671	ug/m^3	R_481	595044.47	4125204.05	62.09	1.50	62.09	
PERIOD		0.20369	ug/m^3	R_482	595044.47	4125224.05	61.89	1.50	61.89	
PERIOD		0.19195	ug/m^3	R_483	595044.47	4125244.05	61.68	1.50	61.68	
PERIOD		0.18137	ug/m^3	R_484	595044.47	4125264.05	61.56	1.50	61.56	
PERIOD		0.71339	ug/m^3	R_485	595064.47	4124484.05	66.39	1.50	796.44	
PERIOD		0.84420	ug/m^3	R_486	595064.47	4124504.05	66.25	1.50	796.44	
PERIOD		0.99804	ug/m^3	R_487	595064.47	4124524.05	66.18	1.50	796.44	
PERIOD		1.17710	ug/m^3	R_488	595064.47	4124544.05	66.06	1.50	796.44	
PERIOD		1.38081	ug/m^3	R_489	595064.47	4124564.05	65.86	1.50	65.86	
PERIOD		1.60271	ug/m^3	R_490	595064.47	4124584.05	65.71	1.50	65.71	
PERIOD		1.83343	ug/m^3	R_491	595064.47	4124604.05	65.60	1.50	65.60	
PERIOD		2.05768	ug/m^3	R_492	595064.47	4124624.05	65.54	1.50	65.54	
PERIOD		2.25836	ug/m^3	R_493	595064.47	4124644.05	65.41	1.50	65.41	
PERIOD		2.41419	ug/m^3	R_494	595064.47	4124664.05	65.24	1.50	65.24	
PERIOD		2.50583	ug/m^3	R_495	595064.47	4124684.05	65.04	1.50	65.04	
PERIOD		2.51610	ug/m^3	R_496	595064.47	4124704.05	64.96	1.50	64.96	
PERIOD		2.44460	ug/m^3	R_497	595064.47	4124724.05	64.87	1.50	64.87	
PERIOD		2.29974	ug/m^3	R_498	595064.47	4124744.05	64.72	1.50	64.72	
PERIOD		2.09662	ug/m^3	R_499	595064.47	4124764.05	64.53	1.50	64.53	
PERIOD		1.85505	ug/m^3	R_500	595064.47	4124784.05	64.38	1.50	64.38	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.59761	ug/m^3	R_501	595064.47	4124804.05	64.32	1.50	64.32	
PERIOD		1.35117	ug/m^3	R_502	595064.47	4124824.05	64.19	1.50	64.19	
PERIOD		1.13463	ug/m^3	R_503	595064.47	4124844.05	64.07	1.50	64.07	
PERIOD		0.95688	ug/m^3	R_504	595064.47	4124864.05	64.02	1.50	64.02	
PERIOD		0.81798	ug/m^3	R_505	595064.47	4124884.05	63.83	1.50	63.83	
PERIOD		0.71232	ug/m^3	R_506	595064.47	4124904.05	63.65	1.50	63.65	
PERIOD		0.63176	ug/m^3	R_507	595064.47	4124924.05	63.50	1.50	63.50	
PERIOD		0.56862	ug/m^3	R_508	595064.47	4124944.05	63.43	1.50	63.43	
PERIOD		0.51685	ug/m^3	R_509	595064.47	4124964.05	63.34	1.50	63.34	
PERIOD		0.47242	ug/m^3	R_510	595064.47	4124984.05	63.20	1.50	63.20	
PERIOD		0.43320	ug/m^3	R_511	595064.47	4125004.05	63.00	1.50	63.00	
PERIOD		0.39814	ug/m^3	R_512	595064.47	4125024.05	62.88	1.50	62.88	
PERIOD		0.36654	ug/m^3	R_513	595064.47	4125044.05	62.88	1.50	62.88	
PERIOD		0.33778	ug/m^3	R_514	595064.47	4125064.05	62.70	1.50	62.70	
PERIOD		0.31191	ug/m^3	R_515	595064.47	4125084.05	62.57	1.50	62.57	
PERIOD		0.28885	ug/m^3	R_516	595064.47	4125104.05	62.57	1.50	62.57	
PERIOD		0.26804	ug/m^3	R_517	595064.47	4125124.05	62.39	1.50	62.39	
PERIOD		0.24952	ug/m^3	R_518	595064.47	4125144.05	62.25	1.50	62.25	
PERIOD		0.23303	ug/m^3	R_519	595064.47	4125164.05	62.19	1.50	62.19	
PERIOD		0.21823	ug/m^3	R_520	595064.47	4125184.05	62.05	1.50	62.05	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.20493	ug/m^3	R_521	595064.47	4125204.05	61.89	1.50	61.89	
PERIOD		0.19295	ug/m^3	R_522	595064.47	4125224.05	61.68	1.50	61.68	
PERIOD		0.18212	ug/m^3	R_523	595064.47	4125244.05	61.48	1.50	61.48	
PERIOD		0.17230	ug/m^3	R_524	595064.47	4125264.05	61.35	1.50	61.35	
PERIOD		0.74218	ug/m^3	R_525	595084.47	4124484.05	66.28	1.50	796.44	
PERIOD		0.86926	ug/m^3	R_526	595084.47	4124504.05	66.16	1.50	796.44	
PERIOD		1.01547	ug/m^3	R_527	595084.47	4124524.05	66.07	1.50	796.44	
PERIOD		1.18019	ug/m^3	R_528	595084.47	4124544.05	65.98	1.50	796.44	
PERIOD		1.36084	ug/m^3	R_529	595084.47	4124564.05	65.85	1.50	65.85	
PERIOD		1.55166	ug/m^3	R_530	595084.47	4124584.05	65.66	1.50	65.66	
PERIOD		1.74144	ug/m^3	R_531	595084.47	4124604.05	65.50	1.50	65.50	
PERIOD		1.91545	ug/m^3	R_532	595084.47	4124624.05	65.43	1.50	65.43	
PERIOD		2.06137	ug/m^3	R_533	595084.47	4124644.05	65.24	1.50	65.24	
PERIOD		2.16152	ug/m^3	R_534	595084.47	4124664.05	65.06	1.50	65.06	
PERIOD		2.20237	ug/m^3	R_535	595084.47	4124684.05	64.94	1.50	64.94	
PERIOD		2.17705	ug/m^3	R_536	595084.47	4124704.05	64.86	1.50	64.86	
PERIOD		2.08831	ug/m^3	R_537	595084.47	4124724.05	64.73	1.50	64.73	
PERIOD		1.94579	ug/m^3	R_538	595084.47	4124744.05	64.53	1.50	64.53	
PERIOD		1.76112	ug/m^3	R_539	595084.47	4124764.05	64.39	1.50	64.39	
PERIOD		1.55169	ug/m^3	R_540	595084.47	4124784.05	64.28	1.50	64.28	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.33824	ug/m^3	R_541	595084.47	4124804.05	64.21	1.50	64.21	
PERIOD		1.13899	ug/m^3	R_542	595084.47	4124824.05	64.09	1.50	64.09	
PERIOD		0.96600	ug/m^3	R_543	595084.47	4124844.05	63.98	1.50	63.98	
PERIOD		0.82481	ug/m^3	R_544	595084.47	4124864.05	63.90	1.50	63.90	
PERIOD		0.71393	ug/m^3	R_545	595084.47	4124884.05	63.71	1.50	63.71	
PERIOD		0.62853	ug/m^3	R_546	595084.47	4124904.05	63.54	1.50	63.54	
PERIOD		0.56252	ug/m^3	R_547	595084.47	4124924.05	63.41	1.50	63.41	
PERIOD		0.51016	ug/m^3	R_548	595084.47	4124944.05	63.33	1.50	63.33	
PERIOD		0.46685	ug/m^3	R_549	595084.47	4124964.05	63.21	1.50	63.21	
PERIOD		0.42944	ug/m^3	R_550	595084.47	4124984.05	63.00	1.50	63.00	
PERIOD		0.39632	ug/m^3	R_551	595084.47	4125004.05	62.87	1.50	62.87	
PERIOD		0.36639	ug/m^3	R_552	595084.47	4125024.05	62.76	1.50	62.76	
PERIOD		0.33911	ug/m^3	R_553	595084.47	4125044.05	62.68	1.50	62.68	
PERIOD		0.31415	ug/m^3	R_554	595084.47	4125064.05	62.56	1.50	62.56	
PERIOD		0.29139	ug/m^3	R_555	595084.47	4125084.05	62.46	1.50	62.46	
PERIOD		0.27073	ug/m^3	R_556	595084.47	4125104.05	62.38	1.50	62.38	
PERIOD		0.25205	ug/m^3	R_557	595084.47	4125124.05	62.26	1.50	62.26	
PERIOD		0.23526	ug/m^3	R_558	595084.47	4125144.05	62.15	1.50	62.15	
PERIOD		0.22017	ug/m^3	R_559	595084.47	4125164.05	62.07	1.50	62.07	
PERIOD		0.20654	ug/m^3	R_560	595084.47	4125184.05	61.89	1.50	61.89	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.19425	ug/m^3	R_561	595084.47	4125204.05	61.68	1.50	61.68	
PERIOD		0.18317	ug/m^3	R_562	595084.47	4125224.05	61.48	1.50	61.48	
PERIOD		0.17316	ug/m^3	R_563	595084.47	4125244.05	61.34	1.50	61.34	
PERIOD		0.16409	ug/m^3	R_564	595084.47	4125264.05	61.24	1.50	61.24	
PERIOD		0.76378	ug/m^3	R_565	595104.47	4124484.05	66.14	1.50	796.44	
PERIOD		0.88410	ug/m^3	R_566	595104.47	4124504.05	66.13	1.50	796.44	
PERIOD		1.02069	ug/m^3	R_567	595104.47	4124524.05	65.96	1.50	796.44	
PERIOD		1.16975	ug/m^3	R_568	595104.47	4124544.05	65.83	1.50	796.44	
PERIOD		1.32602	ug/m^3	R_569	595104.47	4124564.05	65.82	1.50	65.82	
PERIOD		1.48603	ug/m^3	R_570	595104.47	4124584.05	65.64	1.50	65.64	
PERIOD		1.63825	ug/m^3	R_571	595104.47	4124604.05	65.45	1.50	65.45	
PERIOD		1.77110	ug/m^3	R_572	595104.47	4124624.05	65.25	1.50	65.25	
PERIOD		1.87234	ug/m^3	R_573	595104.47	4124644.05	65.05	1.50	65.05	
PERIOD		1.92948	ug/m^3	R_574	595104.47	4124664.05	64.92	1.50	64.92	
PERIOD		1.93388	ug/m^3	R_575	595104.47	4124684.05	64.91	1.50	64.91	
PERIOD		1.88786	ug/m^3	R_576	595104.47	4124704.05	64.74	1.50	64.74	
PERIOD		1.79270	ug/m^3	R_577	595104.47	4124724.05	64.54	1.50	64.54	
PERIOD		1.65691	ug/m^3	R_578	595104.47	4124744.05	64.34	1.50	64.34	
PERIOD		1.48974	ug/m^3	R_579	595104.47	4124764.05	64.30	1.50	64.30	
PERIOD		1.31045	ug/m^3	R_580	595104.47	4124784.05	64.23	1.50	64.23	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.13385	ug/m^3	R_581	595104.47	4124804.05	64.03	1.50	64.03	
PERIOD		0.97181	ug/m^3	R_582	595104.47	4124824.05	64.00	1.50	64.00	
PERIOD		0.83219	ug/m^3	R_583	595104.47	4124844.05	63.92	1.50	63.92	
PERIOD		0.71811	ug/m^3	R_584	595104.47	4124864.05	63.71	1.50	63.71	
PERIOD		0.62829	ug/m^3	R_585	595104.47	4124884.05	63.52	1.50	63.52	
PERIOD		0.55859	ug/m^3	R_586	595104.47	4124904.05	63.40	1.50	63.40	
PERIOD		0.50412	ug/m^3	R_587	595104.47	4124924.05	63.39	1.50	63.39	
PERIOD		0.46014	ug/m^3	R_588	595104.47	4124944.05	63.21	1.50	63.21	
PERIOD		0.42348	ug/m^3	R_589	595104.47	4124964.05	63.01	1.50	63.01	
PERIOD		0.39180	ug/m^3	R_590	595104.47	4124984.05	62.81	1.50	62.81	
PERIOD		0.36376	ug/m^3	R_591	595104.47	4125004.05	62.78	1.50	62.78	
PERIOD		0.33817	ug/m^3	R_592	595104.47	4125024.05	62.70	1.50	62.70	
PERIOD		0.31449	ug/m^3	R_593	595104.47	4125044.05	62.50	1.50	62.50	
PERIOD		0.29281	ug/m^3	R_594	595104.47	4125064.05	62.47	1.50	62.47	
PERIOD		0.27277	ug/m^3	R_595	595104.47	4125084.05	62.40	1.50	62.40	
PERIOD		0.25428	ug/m^3	R_596	595104.47	4125104.05	62.20	1.50	62.20	
PERIOD		0.23757	ug/m^3	R_597	595104.47	4125124.05	62.17	1.50	62.17	
PERIOD		0.22232	ug/m^3	R_598	595104.47	4125144.05	62.09	1.50	62.09	
PERIOD		0.20843	ug/m^3	R_599	595104.47	4125164.05	61.89	1.50	61.89	
PERIOD		0.19588	ug/m^3	R_600	595104.47	4125184.05	61.69	1.50	61.69	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.18450	ug/m^3	R_601	595104.47	4125204.05	61.49	1.50	61.49	
PERIOD		0.17424	ug/m^3	R_602	595104.47	4125224.05	61.29	1.50	61.29	
PERIOD		0.16502	ug/m^3	R_603	595104.47	4125244.05	61.26	1.50	61.26	
PERIOD		0.15659	ug/m^3	R_604	595104.47	4125264.05	61.18	1.50	61.18	
PERIOD		0.77711	ug/m^3	R_605	595124.47	4124484.05	66.09	1.50	796.44	
PERIOD		0.89087	ug/m^3	R_606	595124.47	4124504.05	65.94	1.50	796.44	
PERIOD		1.01457	ug/m^3	R_607	595124.47	4124524.05	65.87	1.50	796.44	
PERIOD		1.14613	ug/m^3	R_608	595124.47	4124544.05	65.78	1.50	796.44	
PERIOD		1.28114	ug/m^3	R_609	595124.47	4124564.05	65.64	1.50	65.64	
PERIOD		1.41283	ug/m^3	R_610	595124.47	4124584.05	65.44	1.50	65.44	
PERIOD		1.53124	ug/m^3	R_611	595124.47	4124604.05	65.29	1.50	65.29	
PERIOD		1.62637	ug/m^3	R_612	595124.47	4124624.05	65.23	1.50	65.23	
PERIOD		1.69175	ug/m^3	R_613	595124.47	4124644.05	65.05	1.50	65.05	
PERIOD		1.71834	ug/m^3	R_614	595124.47	4124664.05	64.87	1.50	64.87	
PERIOD		1.70151	ug/m^3	R_615	595124.47	4124684.05	64.72	1.50	64.72	
PERIOD		1.64087	ug/m^3	R_616	595124.47	4124704.05	64.65	1.50	64.65	
PERIOD		1.54274	ug/m^3	R_617	595124.47	4124724.05	64.54	1.50	64.54	
PERIOD		1.41694	ug/m^3	R_618	595124.47	4124744.05	64.34	1.50	64.34	
PERIOD		1.26999	ug/m^3	R_619	595124.47	4124764.05	64.19	1.50	64.19	
PERIOD		1.11738	ug/m^3	R_620	595124.47	4124784.05	64.07	1.50	64.07	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.97049	ug/m^3	R_621	595124.47	4124804.05	64.02	1.50	64.02	
PERIOD		0.83784	ug/m^3	R_622	595124.47	4124824.05	63.88	1.50	63.88	
PERIOD		0.72424	ug/m^3	R_623	595124.47	4124844.05	63.71	1.50	63.71	
PERIOD		0.63102	ug/m^3	R_624	595124.47	4124864.05	63.51	1.50	63.51	
PERIOD		0.55719	ug/m^3	R_625	595124.47	4124884.05	63.43	1.50	63.43	
PERIOD		0.49956	ug/m^3	R_626	595124.47	4124904.05	63.34	1.50	63.34	
PERIOD		0.45397	ug/m^3	R_627	595124.47	4124924.05	63.20	1.50	63.20	
PERIOD		0.41692	ug/m^3	R_628	595124.47	4124944.05	63.00	1.50	63.00	
PERIOD		0.38583	ug/m^3	R_629	595124.47	4124964.05	62.85	1.50	62.85	
PERIOD		0.35896	ug/m^3	R_630	595124.47	4124984.05	62.80	1.50	62.80	
PERIOD		0.33482	ug/m^3	R_631	595124.47	4125004.05	62.66	1.50	62.66	
PERIOD		0.31274	ug/m^3	R_632	595124.47	4125024.05	62.50	1.50	62.50	
PERIOD		0.29225	ug/m^3	R_633	595124.47	4125044.05	62.29	1.50	62.29	
PERIOD		0.27337	ug/m^3	R_634	595124.47	4125064.05	62.27	1.50	62.27	
PERIOD		0.25579	ug/m^3	R_635	595124.47	4125084.05	62.25	1.50	62.25	
PERIOD		0.23945	ug/m^3	R_636	595124.47	4125104.05	62.19	1.50	62.19	
PERIOD		0.22432	ug/m^3	R_637	595124.47	4125124.05	62.05	1.50	62.05	
PERIOD		0.21041	ug/m^3	R_638	595124.47	4125144.05	61.89	1.50	61.89	
PERIOD		0.19769	ug/m^3	R_639	595124.47	4125164.05	61.68	1.50	61.68	
PERIOD		0.18620	ug/m^3	R_640	595124.47	4125184.05	61.61	1.50	61.61	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.17573	ug/m^3	R_641	595124.47	4125204.05	61.49	1.50	61.49	
PERIOD		0.16617	ug/m^3	R_642	595124.47	4125224.05	61.29	1.50	61.29	
PERIOD		0.15750	ug/m^3	R_643	595124.47	4125244.05	61.14	1.50	61.14	
PERIOD		0.14962	ug/m^3	R_644	595124.47	4125264.05	61.03	1.50	61.03	
PERIOD		0.78288	ug/m^3	R_645	595144.47	4124484.05	66.06	1.50	796.44	
PERIOD		0.88792	ug/m^3	R_646	595144.47	4124504.05	65.86	1.50	796.44	
PERIOD		0.99892	ug/m^3	R_647	595144.47	4124524.05	65.77	1.50	796.44	
PERIOD		1.11336	ug/m^3	R_648	595144.47	4124544.05	65.67	1.50	796.44	
PERIOD		1.22638	ug/m^3	R_649	595144.47	4124564.05	65.55	1.50	65.55	
PERIOD		1.33216	ug/m^3	R_650	595144.47	4124584.05	65.35	1.50	65.35	
PERIOD		1.42207	ug/m^3	R_651	595144.47	4124604.05	65.20	1.50	65.20	
PERIOD		1.48826	ug/m^3	R_652	595144.47	4124624.05	65.12	1.50	65.12	
PERIOD		1.52628	ug/m^3	R_653	595144.47	4124644.05	64.93	1.50	64.93	
PERIOD		1.53008	ug/m^3	R_654	595144.47	4124664.05	64.76	1.50	64.76	
PERIOD		1.49763	ug/m^3	R_655	595144.47	4124684.05	64.63	1.50	64.63	
PERIOD		1.43063	ug/m^3	R_656	595144.47	4124704.05	64.55	1.50	64.55	
PERIOD		1.33571	ug/m^3	R_657	595144.47	4124724.05	64.43	1.50	64.43	
PERIOD		1.21969	ug/m^3	R_658	595144.47	4124744.05	64.22	1.50	64.22	
PERIOD		1.09119	ug/m^3	R_659	595144.47	4124764.05	64.09	1.50	64.09	
PERIOD		0.96137	ug/m^3	R_660	595144.47	4124784.05	63.98	1.50	63.98	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.83862	ug/m^3	R_661	595144.47	4124804.05	63.90	1.50	63.90	
PERIOD		0.72906	ug/m^3	R_662	595144.47	4124824.05	63.71	1.50	63.71	
PERIOD		0.63569	ug/m^3	R_663	595144.47	4124844.05	63.54	1.50	63.54	
PERIOD		0.55910	ug/m^3	R_664	595144.47	4124864.05	63.41	1.50	63.41	
PERIOD		0.49784	ug/m^3	R_665	595144.47	4124884.05	63.33	1.50	63.33	
PERIOD		0.44939	ug/m^3	R_666	595144.47	4124904.05	63.21	1.50	63.21	
PERIOD		0.41081	ug/m^3	R_667	595144.47	4124924.05	63.00	1.50	63.00	
PERIOD		0.37943	ug/m^3	R_668	595144.47	4124944.05	62.87	1.50	62.87	
PERIOD		0.35292	ug/m^3	R_669	595144.47	4124964.05	62.76	1.50	62.76	
PERIOD		0.32983	ug/m^3	R_670	595144.47	4124984.05	62.68	1.50	62.68	
PERIOD		0.30901	ug/m^3	R_671	595144.47	4125004.05	62.50	1.50	62.50	
PERIOD		0.28994	ug/m^3	R_672	595144.47	4125024.05	62.32	1.50	62.32	
PERIOD		0.27225	ug/m^3	R_673	595144.47	4125044.05	62.19	1.50	62.19	
PERIOD		0.25569	ug/m^3	R_674	595144.47	4125064.05	62.11	1.50	62.11	
PERIOD		0.24018	ug/m^3	R_675	595144.47	4125084.05	62.06	1.50	62.06	
PERIOD		0.22572	ug/m^3	R_676	595144.47	4125104.05	62.06	1.50	62.06	
PERIOD		0.21210	ug/m^3	R_677	595144.47	4125124.05	61.89	1.50	61.89	
PERIOD		0.19948	ug/m^3	R_678	595144.47	4125144.05	61.71	1.50	61.71	
PERIOD		0.18791	ug/m^3	R_679	595144.47	4125164.05	61.59	1.50	61.59	
PERIOD		0.17731	ug/m^3	R_680	595144.47	4125184.05	61.50	1.50	61.50	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.16761	ug/m^3	R_681	595144.47	4125204.05	61.38	1.50	61.38	
PERIOD		0.15869	ug/m^3	R_682	595144.47	4125224.05	61.17	1.50	61.17	
PERIOD		0.15059	ug/m^3	R_683	595144.47	4125244.05	61.04	1.50	61.04	
PERIOD		0.14321	ug/m^3	R_684	595144.47	4125264.05	60.93	1.50	60.93	
PERIOD		0.78164	ug/m^3	R_685	595164.47	4124484.05	66.05	1.50	796.44	
PERIOD		0.87668	ug/m^3	R_686	595164.47	4124504.05	65.85	1.50	796.44	
PERIOD		0.97535	ug/m^3	R_687	595164.47	4124524.05	65.65	1.50	796.44	
PERIOD		1.07327	ug/m^3	R_688	595164.47	4124544.05	65.53	1.50	796.44	
PERIOD		1.16515	ug/m^3	R_689	595164.47	4124564.05	65.52	1.50	65.52	
PERIOD		1.24790	ug/m^3	R_690	595164.47	4124584.05	65.34	1.50	65.34	
PERIOD		1.31428	ug/m^3	R_691	595164.47	4124604.05	65.14	1.50	65.14	
PERIOD		1.35849	ug/m^3	R_692	595164.47	4124624.05	64.93	1.50	64.93	
PERIOD		1.37575	ug/m^3	R_693	595164.47	4124644.05	64.74	1.50	64.74	
PERIOD		1.36311	ug/m^3	R_694	595164.47	4124664.05	64.61	1.50	64.61	
PERIOD		1.31967	ug/m^3	R_695	595164.47	4124684.05	64.61	1.50	64.61	
PERIOD		1.25192	ug/m^3	R_696	595164.47	4124704.05	64.43	1.50	64.43	
PERIOD		1.16181	ug/m^3	R_697	595164.47	4124724.05	64.23	1.50	64.23	
PERIOD		1.05646	ug/m^3	R_698	595164.47	4124744.05	64.03	1.50	64.03	
PERIOD		0.94471	ug/m^3	R_699	595164.47	4124764.05	64.00	1.50	64.00	
PERIOD		0.83408	ug/m^3	R_700	595164.47	4124784.05	63.92	1.50	63.92	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.73104	ug/m^3	R_701	595164.47	4124804.05	63.71	1.50	63.71	
PERIOD		0.63972	ug/m^3	R_702	595164.47	4124824.05	63.52	1.50	63.52	
PERIOD		0.56229	ug/m^3	R_703	595164.47	4124844.05	63.40	1.50	63.40	
PERIOD		0.49876	ug/m^3	R_704	595164.47	4124864.05	63.39	1.50	63.39	
PERIOD		0.44756	ug/m^3	R_705	595164.47	4124884.05	63.21	1.50	63.21	
PERIOD		0.40654	ug/m^3	R_706	595164.47	4124904.05	63.00	1.50	63.00	
PERIOD		0.37358	ug/m^3	R_707	595164.47	4124924.05	62.80	1.50	62.80	
PERIOD		0.34671	ug/m^3	R_708	595164.47	4124944.05	62.78	1.50	62.78	
PERIOD		0.32396	ug/m^3	R_709	595164.47	4124964.05	62.70	1.50	62.70	
PERIOD		0.30394	ug/m^3	R_710	595164.47	4124984.05	62.50	1.50	62.50	
PERIOD		0.28591	ug/m^3	R_711	595164.47	4125004.05	62.30	1.50	62.30	
PERIOD		0.26942	ug/m^3	R_712	595164.47	4125024.05	62.18	1.50	62.18	
PERIOD		0.25415	ug/m^3	R_713	595164.47	4125044.05	62.17	1.50	62.17	
PERIOD		0.23960	ug/m^3	R_714	595164.47	4125064.05	62.00	1.50	62.00	
PERIOD		0.22589	ug/m^3	R_715	595164.47	4125084.05	61.87	1.50	61.87	
PERIOD		0.21302	ug/m^3	R_716	595164.47	4125104.05	61.86	1.50	61.86	
PERIOD		0.20081	ug/m^3	R_717	595164.47	4125124.05	61.69	1.50	61.69	
PERIOD		0.18944	ug/m^3	R_718	595164.47	4125144.05	61.57	1.50	61.57	
PERIOD		0.17892	ug/m^3	R_719	595164.47	4125164.05	61.56	1.50	61.56	
PERIOD		0.16912	ug/m^3	R_720	595164.47	4125184.05	61.38	1.50	61.38	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.16007	ug/m^3	R_721	595164.47	4125204.05	61.18	1.50	61.18	
PERIOD		0.15176	ug/m^3	R_722	595164.47	4125224.05	60.98	1.50	60.98	
PERIOD		0.14423	ug/m^3	R_723	595164.47	4125244.05	60.95	1.50	60.95	
PERIOD		0.13731	ug/m^3	R_724	595164.47	4125264.05	60.87	1.50	60.87	
PERIOD		0.77542	ug/m^3	R_725	595184.47	4124484.05	65.85	1.50	796.44	
PERIOD		0.86030	ug/m^3	R_726	595184.47	4124504.05	65.64	1.50	796.44	
PERIOD		0.94497	ug/m^3	R_727	595184.47	4124524.05	65.57	1.50	796.44	
PERIOD		1.02682	ug/m^3	R_728	595184.47	4124544.05	65.48	1.50	796.44	
PERIOD		1.10179	ug/m^3	R_729	595184.47	4124564.05	65.33	1.50	65.33	
PERIOD		1.16503	ug/m^3	R_730	595184.47	4124584.05	65.14	1.50	65.14	
PERIOD		1.21175	ug/m^3	R_731	595184.47	4124604.05	64.93	1.50	64.93	
PERIOD		1.23744	ug/m^3	R_732	595184.47	4124624.05	64.73	1.50	64.73	
PERIOD		1.23825	ug/m^3	R_733	595184.47	4124644.05	64.65	1.50	64.65	
PERIOD		1.21434	ug/m^3	R_734	595184.47	4124664.05	64.56	1.50	64.56	
PERIOD		1.16737	ug/m^3	R_735	595184.47	4124684.05	64.42	1.50	64.42	
PERIOD		1.09914	ug/m^3	R_736	595184.47	4124704.05	64.22	1.50	64.22	
PERIOD		1.01471	ug/m^3	R_737	595184.47	4124724.05	64.07	1.50	64.07	
PERIOD		0.92064	ug/m^3	R_738	595184.47	4124744.05	64.02	1.50	64.02	
PERIOD		0.82362	ug/m^3	R_739	595184.47	4124764.05	63.88	1.50	63.88	
PERIOD		0.72934	ug/m^3	R_740	595184.47	4124784.05	63.71	1.50	63.71	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.64235	ug/m^3	R_741	595184.47	4124804.05	63.51	1.50	63.51	
PERIOD		0.56577	ug/m^3	R_742	595184.47	4124824.05	63.43	1.50	63.43	
PERIOD		0.50084	ug/m^3	R_743	595184.47	4124844.05	63.34	1.50	63.34	
PERIOD		0.44753	ug/m^3	R_744	595184.47	4124864.05	63.20	1.50	63.20	
PERIOD		0.40440	ug/m^3	R_745	595184.47	4124884.05	63.00	1.50	63.00	
PERIOD		0.36958	ug/m^3	R_746	595184.47	4124904.05	62.80	1.50	62.80	
PERIOD		0.34130	ug/m^3	R_747	595184.47	4124924.05	62.60	1.50	62.60	
PERIOD		0.31800	ug/m^3	R_748	595184.47	4124944.05	62.57	1.50	62.57	
PERIOD		0.29824	ug/m^3	R_749	595184.47	4124964.05	62.50	1.50	62.50	
PERIOD		0.28084	ug/m^3	R_750	595184.47	4124984.05	62.29	1.50	62.29	
PERIOD		0.26532	ug/m^3	R_751	595184.47	4125004.05	62.22	1.50	62.22	
PERIOD		0.25098	ug/m^3	R_752	595184.47	4125024.05	62.12	1.50	62.12	
PERIOD		0.23752	ug/m^3	R_753	595184.47	4125044.05	61.98	1.50	61.98	
PERIOD		0.22485	ug/m^3	R_754	595184.47	4125064.05	61.91	1.50	61.91	
PERIOD		0.21280	ug/m^3	R_755	595184.47	4125084.05	61.82	1.50	61.82	
PERIOD		0.20129	ug/m^3	R_756	595184.47	4125104.05	61.68	1.50	61.68	
PERIOD		0.19043	ug/m^3	R_757	595184.47	4125124.05	61.61	1.50	61.61	
PERIOD		0.18017	ug/m^3	R_758	595184.47	4125144.05	61.51	1.50	61.51	
PERIOD		0.17052	ug/m^3	R_759	595184.47	4125164.05	61.37	1.50	61.37	
PERIOD		0.16146	ug/m^3	R_760	595184.47	4125184.05	61.17	1.50	61.17	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.15312	ug/m^3	R_761	595184.47	4125204.05	61.03	1.50	61.03	
PERIOD		0.14546	ug/m^3	R_762	595184.47	4125224.05	60.97	1.50	60.97	
PERIOD		0.13835	ug/m^3	R_763	595184.47	4125244.05	60.83	1.50	60.83	
PERIOD		0.13181	ug/m^3	R_764	595184.47	4125264.05	60.72	1.50	60.72	
PERIOD		0.76293	ug/m^3	R_765	595204.47	4124484.05	65.76	1.50	796.44	
PERIOD		0.83747	ug/m^3	R_766	595204.47	4124504.05	65.56	1.50	796.44	
PERIOD		0.90981	ug/m^3	R_767	595204.47	4124524.05	65.46	1.50	796.44	
PERIOD		0.97717	ug/m^3	R_768	595204.47	4124544.05	65.37	1.50	796.44	
PERIOD		1.03601	ug/m^3	R_769	595204.47	4124564.05	65.24	1.50	65.24	
PERIOD		1.08263	ug/m^3	R_770	595204.47	4124584.05	65.05	1.50	65.05	
PERIOD		1.11311	ug/m^3	R_771	595204.47	4124604.05	64.85	1.50	64.85	
PERIOD		1.12467	ug/m^3	R_772	595204.47	4124624.05	64.64	1.50	64.64	
PERIOD		1.11451	ug/m^3	R_773	595204.47	4124644.05	64.55	1.50	64.55	
PERIOD		1.08399	ug/m^3	R_774	595204.47	4124664.05	64.43	1.50	64.43	
PERIOD		1.03418	ug/m^3	R_775	595204.47	4124684.05	64.22	1.50	64.22	
PERIOD		0.96797	ug/m^3	R_776	595204.47	4124704.05	64.09	1.50	64.09	
PERIOD		0.89056	ug/m^3	R_777	595204.47	4124724.05	63.98	1.50	63.98	
PERIOD		0.80713	ug/m^3	R_778	595204.47	4124744.05	63.90	1.50	63.90	
PERIOD		0.72293	ug/m^3	R_779	595204.47	4124764.05	63.71	1.50	63.71	
PERIOD		0.64225	ug/m^3	R_780	595204.47	4124784.05	63.54	1.50	63.54	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.56849	ug/m^3	R_781	595204.47	4124804.05	63.41	1.50	63.41	
PERIOD		0.50389	ug/m^3	R_782	595204.47	4124824.05	63.33	1.50	63.33	
PERIOD		0.44914	ug/m^3	R_783	595204.47	4124844.05	63.21	1.50	63.21	
PERIOD		0.40387	ug/m^3	R_784	595204.47	4124864.05	63.00	1.50	63.00	
PERIOD		0.36721	ug/m^3	R_785	595204.47	4124884.05	62.87	1.50	62.87	
PERIOD		0.33748	ug/m^3	R_786	595204.47	4124904.05	62.71	1.50	62.71	
PERIOD		0.31307	ug/m^3	R_787	595204.47	4124924.05	62.51	1.50	62.51	
PERIOD		0.29282	ug/m^3	R_788	595204.47	4124944.05	62.42	1.50	62.42	
PERIOD		0.27553	ug/m^3	R_789	595204.47	4124964.05	62.32	1.50	62.32	
PERIOD		0.26036	ug/m^3	R_790	595204.47	4124984.05	62.19	1.50	62.19	
PERIOD		0.24677	ug/m^3	R_791	595204.47	4125004.05	62.11	1.50	62.11	
PERIOD		0.23424	ug/m^3	R_792	595204.47	4125024.05	62.02	1.50	62.02	
PERIOD		0.22246	ug/m^3	R_793	595204.47	4125044.05	61.89	1.50	61.89	
PERIOD		0.21134	ug/m^3	R_794	595204.47	4125064.05	61.81	1.50	61.81	
PERIOD		0.20069	ug/m^3	R_795	595204.47	4125084.05	61.71	1.50	61.71	
PERIOD		0.19049	ug/m^3	R_796	595204.47	4125104.05	61.59	1.50	61.59	
PERIOD		0.18075	ug/m^3	R_797	595204.47	4125124.05	61.50	1.50	61.50	
PERIOD		0.17149	ug/m^3	R_798	595204.47	4125144.05	61.38	1.50	61.38	
PERIOD		0.16267	ug/m^3	R_799	595204.47	4125164.05	61.17	1.50	61.17	
PERIOD		0.15440	ug/m^3	R_800	595204.47	4125184.05	61.04	1.50	61.04	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.14668	ug/m^3	R_801	595204.47	4125204.05	60.93	1.50	60.93	
PERIOD		0.13954	ug/m^3	R_802	595204.47	4125224.05	60.85	1.50	60.85	
PERIOD		0.13289	ug/m^3	R_803	595204.47	4125244.05	60.73	1.50	60.73	
PERIOD		0.12674	ug/m^3	R_804	595204.47	4125264.05	60.63	1.50	60.63	
PERIOD		0.74533	ug/m^3	R_805	595224.47	4124484.05	65.75	1.50	796.44	
PERIOD		0.80980	ug/m^3	R_806	595224.47	4124504.05	65.56	1.50	796.44	
PERIOD		0.87110	ug/m^3	R_807	595224.47	4124524.05	65.35	1.50	796.44	
PERIOD		0.92566	ug/m^3	R_808	595224.47	4124544.05	65.22	1.50	796.44	
PERIOD		0.96989	ug/m^3	R_809	595224.47	4124564.05	65.21	1.50	65.21	
PERIOD		1.00249	ug/m^3	R_810	595224.47	4124584.05	65.04	1.50	65.04	
PERIOD		1.02014	ug/m^3	R_811	595224.47	4124604.05	64.83	1.50	64.83	
PERIOD		1.02080	ug/m^3	R_812	595224.47	4124624.05	64.63	1.50	64.63	
PERIOD		1.00377	ug/m^3	R_813	595224.47	4124644.05	64.43	1.50	64.43	
PERIOD		0.96885	ug/m^3	R_814	595224.47	4124664.05	64.24	1.50	64.24	
PERIOD		0.91824	ug/m^3	R_815	595224.47	4124684.05	64.03	1.50	64.03	
PERIOD		0.85578	ug/m^3	R_816	595224.47	4124704.05	64.00	1.50	64.00	
PERIOD		0.78547	ug/m^3	R_817	595224.47	4124724.05	63.92	1.50	63.92	
PERIOD		0.71173	ug/m^3	R_818	595224.47	4124744.05	63.73	1.50	63.73	
PERIOD		0.63851	ug/m^3	R_819	595224.47	4124764.05	63.52	1.50	63.52	
PERIOD		0.56922	ug/m^3	R_820	595224.47	4124784.05	63.40	1.50	63.40	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.50641	ug/m^3	R_821	595224.47	4124804.05	63.39	1.50	63.39	
PERIOD		0.45158	ug/m^3	R_822	595224.47	4124824.05	63.21	1.50	63.21	
PERIOD		0.40505	ug/m^3	R_823	595224.47	4124844.05	63.01	1.50	63.01	
PERIOD		0.36650	ug/m^3	R_824	595224.47	4124864.05	62.81	1.50	62.81	
PERIOD		0.33504	ug/m^3	R_825	595224.47	4124884.05	62.78	1.50	62.78	
PERIOD		0.30943	ug/m^3	R_826	595224.47	4124904.05	62.70	1.50	62.70	
PERIOD		0.28828	ug/m^3	R_827	595224.47	4124924.05	62.50	1.50	62.50	
PERIOD		0.27053	ug/m^3	R_828	595224.47	4124944.05	62.30	1.50	62.30	
PERIOD		0.25535	ug/m^3	R_829	595224.47	4124964.05	62.18	1.50	62.18	
PERIOD		0.24209	ug/m^3	R_830	595224.47	4124984.05	62.17	1.50	62.17	
PERIOD		0.23006	ug/m^3	R_831	595224.47	4125004.05	62.00	1.50	62.00	
PERIOD		0.21903	ug/m^3	R_832	595224.47	4125024.05	61.87	1.50	61.87	
PERIOD		0.20877	ug/m^3	R_833	595224.47	4125044.05	61.86	1.50	61.86	
PERIOD		0.19890	ug/m^3	R_834	595224.47	4125064.05	61.68	1.50	61.68	
PERIOD		0.18947	ug/m^3	R_835	595224.47	4125084.05	61.56	1.50	61.56	
PERIOD		0.18048	ug/m^3	R_836	595224.47	4125104.05	61.56	1.50	61.56	
PERIOD		0.17173	ug/m^3	R_837	595224.47	4125124.05	61.38	1.50	61.38	
PERIOD		0.16333	ug/m^3	R_838	595224.47	4125144.05	61.18	1.50	61.18	
PERIOD		0.15532	ug/m^3	R_839	595224.47	4125164.05	60.98	1.50	60.98	
PERIOD		0.14781	ug/m^3	R_840	595224.47	4125184.05	60.95	1.50	60.95	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.14071	ug/m^3	R_841	595224.47	4125204.05	60.87	1.50	60.87	
PERIOD		0.13401	ug/m^3	R_842	595224.47	4125224.05	60.68	1.50	60.68	
PERIOD		0.12780	ug/m^3	R_843	595224.47	4125244.05	60.65	1.50	60.65	
PERIOD		0.12203	ug/m^3	R_844	595224.47	4125264.05	60.57	1.50	60.57	
PERIOD		0.11662	ug/m^3	R_845	595224.47	4125284.05	60.37	1.50	60.37	
PERIOD		0.72471	ug/m^3	R_846	595244.47	4124484.05	65.60	1.50	796.44	
PERIOD		0.77899	ug/m^3	R_847	595244.47	4124504.05	65.54	1.50	796.44	
PERIOD		0.82943	ug/m^3	R_848	595244.47	4124524.05	65.35	1.50	796.44	
PERIOD		0.87272	ug/m^3	R_849	595244.47	4124544.05	65.17	1.50	796.44	
PERIOD		0.90599	ug/m^3	R_850	595244.47	4124564.05	65.03	1.50	65.03	
PERIOD		0.92749	ug/m^3	R_851	595244.47	4124584.05	64.83	1.50	64.83	
PERIOD		0.93497	ug/m^3	R_852	595244.47	4124604.05	64.63	1.50	64.63	
PERIOD		0.92763	ug/m^3	R_853	595244.47	4124624.05	64.43	1.50	64.43	
PERIOD		0.90456	ug/m^3	R_854	595244.47	4124644.05	64.35	1.50	64.35	
PERIOD		0.86705	ug/m^3	R_855	595244.47	4124664.05	64.24	1.50	64.24	
PERIOD		0.81774	ug/m^3	R_856	595244.47	4124684.05	64.03	1.50	64.03	
PERIOD		0.75962	ug/m^3	R_857	595244.47	4124704.05	63.88	1.50	63.88	
PERIOD		0.69620	ug/m^3	R_858	595244.47	4124724.05	63.77	1.50	63.77	
PERIOD		0.63095	ug/m^3	R_859	595244.47	4124744.05	63.71	1.50	63.71	
PERIOD		0.56727	ug/m^3	R_860	595244.47	4124764.05	63.52	1.50	63.52	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.50757	ug/m^3	R_861	595244.47	4124784.05	63.34	1.50	63.34	
PERIOD		0.45381	ug/m^3	R_862	595244.47	4124804.05	63.20	1.50	63.20	
PERIOD		0.40694	ug/m^3	R_863	595244.47	4124824.05	63.00	1.50	63.00	
PERIOD		0.36726	ug/m^3	R_864	595244.47	4124844.05	62.85	1.50	62.85	
PERIOD		0.33424	ug/m^3	R_865	595244.47	4124864.05	62.80	1.50	62.80	
PERIOD		0.30707	ug/m^3	R_866	595244.47	4124884.05	62.66	1.50	62.66	
PERIOD		0.28474	ug/m^3	R_867	595244.47	4124904.05	62.50	1.50	62.50	
PERIOD		0.26623	ug/m^3	R_868	595244.47	4124924.05	62.29	1.50	62.29	
PERIOD		0.25071	ug/m^3	R_869	595244.47	4124944.05	62.22	1.50	62.22	
PERIOD		0.23737	ug/m^3	R_870	595244.47	4124964.05	62.12	1.50	62.12	
PERIOD		0.22560	ug/m^3	R_871	595244.47	4124984.05	61.98	1.50	61.98	
PERIOD		0.21501	ug/m^3	R_872	595244.47	4125004.05	61.91	1.50	61.91	
PERIOD		0.20527	ug/m^3	R_873	595244.47	4125024.05	61.82	1.50	61.82	
PERIOD		0.19613	ug/m^3	R_874	595244.47	4125044.05	61.68	1.50	61.68	
PERIOD		0.18739	ug/m^3	R_875	595244.47	4125064.05	61.48	1.50	61.48	
PERIOD		0.17903	ug/m^3	R_876	595244.47	4125084.05	61.35	1.50	61.35	
PERIOD		0.17106	ug/m^3	R_877	595244.47	4125104.05	61.35	1.50	61.35	
PERIOD		0.16323	ug/m^3	R_878	595244.47	4125124.05	61.17	1.50	61.17	
PERIOD		0.15570	ug/m^3	R_879	595244.47	4125144.05	61.03	1.50	61.03	
PERIOD		0.14851	ug/m^3	R_880	595244.47	4125164.05	60.97	1.50	60.97	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.14160	ug/m^3	R_881	595244.47	4125184.05	60.83	1.50	60.83	
PERIOD		0.13505	ug/m^3	R_882	595244.47	4125204.05	60.72	1.50	60.72	
PERIOD		0.12888	ug/m^3	R_883	595244.47	4125224.05	60.66	1.50	60.66	
PERIOD		0.12303	ug/m^3	R_884	595244.47	4125244.05	60.53	1.50	60.53	
PERIOD		0.11760	ug/m^3	R_885	595244.47	4125264.05	60.42	1.50	60.42	
PERIOD		0.11253	ug/m^3	R_886	595244.47	4125284.05	60.36	1.50	60.36	
PERIOD		0.70077	ug/m^3	R_887	595264.47	4124484.05	65.50	1.50	796.44	
PERIOD		0.74634	ug/m^3	R_888	595264.47	4124504.05	65.43	1.50	796.44	
PERIOD		0.78715	ug/m^3	R_889	595264.47	4124524.05	65.24	1.50	796.44	
PERIOD		0.82048	ug/m^3	R_890	595264.47	4124544.05	65.04	1.50	796.44	
PERIOD		0.84424	ug/m^3	R_891	595264.47	4124564.05	64.83	1.50	64.83	
PERIOD		0.85617	ug/m^3	R_892	595264.47	4124584.05	64.70	1.50	64.70	
PERIOD		0.85570	ug/m^3	R_893	595264.47	4124604.05	64.54	1.50	64.54	
PERIOD		0.84250	ug/m^3	R_894	595264.47	4124624.05	64.34	1.50	64.34	
PERIOD		0.81568	ug/m^3	R_895	595264.47	4124644.05	64.25	1.50	64.25	
PERIOD		0.77769	ug/m^3	R_896	595264.47	4124664.05	64.12	1.50	64.12	
PERIOD		0.73056	ug/m^3	R_897	595264.47	4124684.05	63.92	1.50	63.92	
PERIOD		0.67704	ug/m^3	R_898	595264.47	4124704.05	63.78	1.50	63.78	
PERIOD		0.62001	ug/m^3	R_899	595264.47	4124724.05	63.67	1.50	63.67	
PERIOD		0.56233	ug/m^3	R_900	595264.47	4124744.05	63.60	1.50	63.60	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.50670	ug/m^3	R_901	595264.47	4124764.05	63.41	1.50	63.41	
PERIOD		0.45515	ug/m^3	R_902	595264.47	4124784.05	63.24	1.50	63.24	
PERIOD		0.40890	ug/m^3	R_903	595264.47	4124804.05	63.11	1.50	63.11	
PERIOD		0.36870	ug/m^3	R_904	595264.47	4124824.05	62.92	1.50	62.92	
PERIOD		0.33456	ug/m^3	R_905	595264.47	4124844.05	62.76	1.50	62.76	
PERIOD		0.30611	ug/m^3	R_906	595264.47	4124864.05	62.68	1.50	62.68	
PERIOD		0.28252	ug/m^3	R_907	595264.47	4124884.05	62.50	1.50	62.50	
PERIOD		0.26300	ug/m^3	R_908	595264.47	4124904.05	62.32	1.50	62.32	
PERIOD		0.24674	ug/m^3	R_909	595264.47	4124924.05	62.19	1.50	62.19	
PERIOD		0.23304	ug/m^3	R_910	595264.47	4124944.05	62.11	1.50	62.11	
PERIOD		0.22121	ug/m^3	R_911	595264.47	4124964.05	62.02	1.50	62.02	
PERIOD		0.21077	ug/m^3	R_912	595264.47	4124984.05	61.89	1.50	61.89	
PERIOD		0.20137	ug/m^3	R_913	595264.47	4125004.05	61.81	1.50	61.81	
PERIOD		0.19271	ug/m^3	R_914	595264.47	4125024.05	61.68	1.50	61.68	
PERIOD		0.18455	ug/m^3	R_915	595264.47	4125044.05	61.48	1.50	61.48	
PERIOD		0.17683	ug/m^3	R_916	595264.47	4125064.05	61.34	1.50	61.34	
PERIOD		0.16943	ug/m^3	R_917	595264.47	4125084.05	61.24	1.50	61.24	
PERIOD		0.16229	ug/m^3	R_918	595264.47	4125104.05	61.16	1.50	61.16	
PERIOD		0.15533	ug/m^3	R_919	595264.47	4125124.05	61.04	1.50	61.04	
PERIOD		0.14857	ug/m^3	R_920	595264.47	4125144.05	60.93	1.50	60.93	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.14205	ug/m^3	R_921	595264.47	4125164.05	60.85	1.50	60.85	
PERIOD		0.13576	ug/m^3	R_922	595264.47	4125184.05	60.73	1.50	60.73	
PERIOD		0.12975	ug/m^3	R_923	595264.47	4125204.05	60.63	1.50	60.63	
PERIOD		0.12402	ug/m^3	R_924	595264.47	4125224.05	60.55	1.50	60.55	
PERIOD		0.11858	ug/m^3	R_925	595264.47	4125244.05	60.43	1.50	60.43	
PERIOD		0.11347	ug/m^3	R_926	595264.47	4125264.05	60.32	1.50	60.32	
PERIOD		0.10868	ug/m^3	R_927	595264.47	4125284.05	60.24	1.50	60.24	
PERIOD		0.97699	ug/m^3	R_928	594493.04	4124844.56	68.07	1.50	68.07	
PERIOD		1.16332	ug/m^3	R_929	594493.04	4124864.56	68.07	1.50	68.07	
PERIOD		1.37612	ug/m^3	R_930	594493.04	4124884.56	68.01	1.50	68.01	
PERIOD		1.60532	ug/m^3	R_931	594493.04	4124904.56	67.92	1.50	67.92	
PERIOD		1.83682	ug/m^3	R_932	594493.04	4124924.56	67.78	1.50	67.78	
PERIOD		2.05184	ug/m^3	R_933	594493.04	4124944.56	67.71	1.50	67.71	
PERIOD		2.23417	ug/m^3	R_934	594493.04	4124964.56	67.61	1.50	67.61	
PERIOD		2.36899	ug/m^3	R_935	594493.04	4124984.56	67.48	1.50	67.48	
PERIOD		2.44572	ug/m^3	R_936	594493.04	4125004.56	67.40	1.50	67.40	
PERIOD		2.46247	ug/m^3	R_937	594493.04	4125024.56	67.31	1.50	67.31	
PERIOD		2.42410	ug/m^3	R_938	594493.04	4125044.56	67.17	1.50	67.17	
PERIOD		2.33989	ug/m^3	R_939	594493.04	4125064.56	66.98	1.50	66.98	
PERIOD		2.22056	ug/m^3	R_940	594493.04	4125084.56	66.83	1.50	66.83	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.07833	ug/m^3	R_941	594493.04	4125104.56	66.76	1.50	66.76	
PERIOD		1.92595	ug/m^3	R_942	594493.04	4125124.56	66.63	1.50	66.63	
PERIOD		1.77091	ug/m^3	R_943	594493.04	4125144.56	66.52	1.50	66.52	
PERIOD		1.61924	ug/m^3	R_944	594493.04	4125164.56	66.45	1.50	66.45	
PERIOD		1.47644	ug/m^3	R_945	594493.04	4125184.56	66.32	1.50	66.32	
PERIOD		1.13862	ug/m^3	R_946	594513.04	4124844.56	67.87	1.50	67.87	
PERIOD		1.36945	ug/m^3	R_947	594513.04	4124864.56	67.87	1.50	67.87	
PERIOD		1.62834	ug/m^3	R_948	594513.04	4124884.56	67.87	1.50	67.87	
PERIOD		1.90162	ug/m^3	R_949	594513.04	4124904.56	67.79	1.50	67.79	
PERIOD		2.17015	ug/m^3	R_950	594513.04	4124924.56	67.58	1.50	67.58	
PERIOD		2.40639	ug/m^3	R_951	594513.04	4124944.56	67.57	1.50	67.57	
PERIOD		2.59463	ug/m^3	R_952	594513.04	4124964.56	67.48	1.50	67.48	
PERIOD		2.71957	ug/m^3	R_953	594513.04	4124984.56	67.28	1.50	67.28	
PERIOD		2.76758	ug/m^3	R_954	594513.04	4125004.56	67.26	1.50	67.26	
PERIOD		2.74423	ug/m^3	R_955	594513.04	4125024.56	67.18	1.50	67.18	
PERIOD		2.65982	ug/m^3	R_956	594513.04	4125044.56	66.98	1.50	66.98	
PERIOD		2.52660	ug/m^3	R_957	594513.04	4125064.56	66.83	1.50	66.83	
PERIOD		2.36130	ug/m^3	R_958	594513.04	4125084.56	66.72	1.50	66.72	
PERIOD		2.17923	ug/m^3	R_959	594513.04	4125104.56	66.66	1.50	66.66	
PERIOD		1.99410	ug/m^3	R_960	594513.04	4125124.56	66.53	1.50	66.53	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.81323	ug/m^3	R_961	594513.04	4125144.56	66.42	1.50	66.42	
PERIOD		1.64237	ug/m^3	R_962	594513.04	4125164.56	66.35	1.50	66.35	
PERIOD		1.48593	ug/m^3	R_963	594513.04	4125184.56	66.16	1.50	66.16	
PERIOD		1.34445	ug/m^3	R_964	594533.04	4124844.56	67.67	1.50	67.67	
PERIOD		1.63389	ug/m^3	R_965	594533.04	4124864.56	67.67	1.50	67.67	
PERIOD		1.95169	ug/m^3	R_966	594533.04	4124884.56	67.67	1.50	67.67	
PERIOD		2.27737	ug/m^3	R_967	594533.04	4124904.56	67.58	1.50	67.58	
PERIOD		2.58436	ug/m^3	R_968	594533.04	4124924.56	67.38	1.50	67.38	
PERIOD		2.83947	ug/m^3	R_969	594533.04	4124944.56	67.36	1.50	67.36	
PERIOD		3.02459	ug/m^3	R_970	594533.04	4124964.56	67.28	1.50	67.28	
PERIOD		3.12492	ug/m^3	R_971	594533.04	4124984.56	67.08	1.50	67.08	
PERIOD		3.12862	ug/m^3	R_972	594533.04	4125004.56	67.06	1.50	67.06	
PERIOD		3.04851	ug/m^3	R_973	594533.04	4125024.56	66.98	1.50	66.98	
PERIOD		2.90306	ug/m^3	R_974	594533.04	4125044.56	66.77	1.50	66.77	
PERIOD		2.70823	ug/m^3	R_975	594533.04	4125064.56	66.75	1.50	66.75	
PERIOD		2.49038	ug/m^3	R_976	594533.04	4125084.56	66.67	1.50	66.67	
PERIOD		2.26701	ug/m^3	R_977	594533.04	4125104.56	66.47	1.50	66.47	
PERIOD		2.04681	ug/m^3	R_978	594533.04	4125124.56	66.45	1.50	66.45	
PERIOD		1.84112	ug/m^3	R_979	594533.04	4125144.56	66.36	1.50	66.36	
PERIOD		1.65370	ug/m^3	R_980	594533.04	4125164.56	66.16	1.50	66.16	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.48522	ug/m^3	R_981	594533.04	4125184.56	65.96	1.50	65.96	
PERIOD		1.60996	ug/m^3	R_982	594553.04	4124844.56	67.61	1.50	67.61	
PERIOD		1.97832	ug/m^3	R_983	594553.04	4124864.56	67.48	1.50	67.48	
PERIOD		2.37059	ug/m^3	R_984	594553.04	4124884.56	67.46	1.50	67.46	
PERIOD		2.75418	ug/m^3	R_985	594553.04	4124904.56	67.44	1.50	67.44	
PERIOD		3.09565	ug/m^3	R_986	594553.04	4124924.56	67.37	1.50	67.37	
PERIOD		3.36447	ug/m^3	R_987	594553.04	4124944.56	67.24	1.50	67.24	
PERIOD		3.53301	ug/m^3	R_988	594553.04	4124964.56	67.13	1.50	67.13	
PERIOD		3.58525	ug/m^3	R_989	594553.04	4124984.56	67.06	1.50	67.06	
PERIOD		3.52513	ug/m^3	R_990	594553.04	4125004.56	66.93	1.50	66.93	
PERIOD		3.36779	ug/m^3	R_991	594553.04	4125024.56	66.83	1.50	66.83	
PERIOD		3.14163	ug/m^3	R_992	594553.04	4125044.56	66.76	1.50	66.76	
PERIOD		2.87875	ug/m^3	R_993	594553.04	4125064.56	66.63	1.50	66.63	
PERIOD		2.60412	ug/m^3	R_994	594553.04	4125084.56	66.47	1.50	66.47	
PERIOD		2.33614	ug/m^3	R_995	594553.04	4125104.56	66.26	1.50	66.26	
PERIOD		2.08308	ug/m^3	R_996	594553.04	4125124.56	66.24	1.50	66.24	
PERIOD		1.85450	ug/m^3	R_997	594553.04	4125144.56	66.16	1.50	66.16	
PERIOD		1.65201	ug/m^3	R_998	594553.04	4125164.56	65.96	1.50	65.96	
PERIOD		1.47322	ug/m^3	R_999	594553.04	4125184.56	65.88	1.50	65.88	
PERIOD		4.10967	ug/m^3	R_1000	594573.04	4124984.56	66.96	1.50	66.96	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.95495	ug/m^3	R_1001	594573.04	4125004.56	66.77	1.50	66.77	
PERIOD		3.69458	ug/m^3	R_1002	594573.04	4125024.56	66.65	1.50	66.65	
PERIOD		3.37054	ug/m^3	R_1003	594573.04	4125044.56	66.65	1.50	66.65	
PERIOD		3.02907	ug/m^3	R_1004	594573.04	4125064.56	66.47	1.50	66.47	
PERIOD		2.69364	ug/m^3	R_1005	594573.04	4125084.56	66.29	1.50	66.29	
PERIOD		2.38055	ug/m^3	R_1006	594573.04	4125104.56	66.15	1.50	66.15	
PERIOD		2.09849	ug/m^3	R_1007	594573.04	4125124.56	66.08	1.50	66.08	
PERIOD		1.85078	ug/m^3	R_1008	594573.04	4125144.56	65.99	1.50	65.99	
PERIOD		1.63638	ug/m^3	R_1009	594573.04	4125164.56	65.85	1.50	65.85	
PERIOD		1.45120	ug/m^3	R_1010	594573.04	4125184.56	65.78	1.50	65.78	
PERIOD		4.70119	ug/m^3	R_1011	594593.04	4124984.56	66.75	1.50	66.75	
PERIOD		4.40909	ug/m^3	R_1012	594593.04	4125004.56	66.57	1.50	66.57	
PERIOD		4.01479	ug/m^3	R_1013	594593.04	4125024.56	66.45	1.50	66.45	
PERIOD		3.57671	ug/m^3	R_1014	594593.04	4125044.56	66.45	1.50	66.45	
PERIOD		3.14918	ug/m^3	R_1015	594593.04	4125064.56	66.26	1.50	66.26	
PERIOD		2.75158	ug/m^3	R_1016	594593.04	4125084.56	66.14	1.50	66.14	
PERIOD		2.39657	ug/m^3	R_1017	594593.04	4125104.56	66.14	1.50	66.14	
PERIOD		2.09158	ug/m^3	R_1018	594593.04	4125124.56	65.96	1.50	65.96	
PERIOD		1.83003	ug/m^3	R_1019	594593.04	4125144.56	65.84	1.50	65.84	
PERIOD		1.60713	ug/m^3	R_1020	594593.04	4125164.56	65.84	1.50	65.84	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.41992	ug/m^3	R_1021	594593.04	4125184.56	65.65	1.50	65.65	
PERIOD		5.34916	ug/m^3	R_1022	594613.04	4124984.56	66.55	1.50	66.55	
PERIOD		4.86805	ug/m^3	R_1023	594613.04	4125004.56	66.37	1.50	66.37	
PERIOD		4.30765	ug/m^3	R_1024	594613.04	4125024.56	66.24	1.50	66.24	
PERIOD		3.74255	ug/m^3	R_1025	594613.04	4125044.56	66.24	1.50	66.24	
PERIOD		3.22479	ug/m^3	R_1026	594613.04	4125064.56	66.18	1.50	66.18	
PERIOD		2.77134	ug/m^3	R_1027	594613.04	4125084.56	66.09	1.50	66.09	
PERIOD		2.38622	ug/m^3	R_1028	594613.04	4125104.56	65.95	1.50	65.95	
PERIOD		2.06347	ug/m^3	R_1029	594613.04	4125124.56	65.76	1.50	65.76	
PERIOD		1.79357	ug/m^3	R_1030	594613.04	4125144.56	65.63	1.50	65.63	
PERIOD		1.56754	ug/m^3	R_1031	594613.04	4125164.56	65.63	1.50	65.63	
PERIOD		1.38035	ug/m^3	R_1032	594613.04	4125184.56	65.45	1.50	65.45	
PERIOD		6.03466	ug/m^3	R_1033	594633.04	4124984.56	66.35	1.50	66.35	
PERIOD		5.29879	ug/m^3	R_1034	594633.04	4125004.56	66.22	1.50	66.22	
PERIOD		4.54364	ug/m^3	R_1035	594633.04	4125024.56	66.11	1.50	66.11	
PERIOD		3.84999	ug/m^3	R_1036	594633.04	4125044.56	66.05	1.50	66.05	
PERIOD		3.25069	ug/m^3	R_1037	594633.04	4125064.56	66.04	1.50	66.04	
PERIOD		2.75286	ug/m^3	R_1038	594633.04	4125084.56	65.96	1.50	65.96	
PERIOD		2.34624	ug/m^3	R_1039	594633.04	4125104.56	65.76	1.50	65.76	
PERIOD		2.01356	ug/m^3	R_1040	594633.04	4125124.56	65.61	1.50	65.61	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.74086	ug/m^3	R_1041	594633.04	4125144.56	65.50	1.50	65.50	
PERIOD		1.51690	ug/m^3	R_1042	594633.04	4125164.56	65.44	1.50	65.44	
PERIOD		1.33226	ug/m^3	R_1043	594633.04	4125184.56	65.31	1.50	65.31	
PERIOD		6.71382	ug/m^3	R_1044	594653.04	4124984.56	66.14	1.50	66.14	
PERIOD		5.65460	ug/m^3	R_1045	594653.04	4125004.56	66.14	1.50	66.14	
PERIOD		4.69189	ug/m^3	R_1046	594653.04	4125024.56	66.06	1.50	66.06	
PERIOD		3.88325	ug/m^3	R_1047	594653.04	4125044.56	65.86	1.50	65.86	
PERIOD		3.22142	ug/m^3	R_1048	594653.04	4125064.56	65.84	1.50	65.84	
PERIOD		2.69479	ug/m^3	R_1049	594653.04	4125084.56	65.76	1.50	65.76	
PERIOD		2.27791	ug/m^3	R_1050	594653.04	4125104.56	65.55	1.50	65.55	
PERIOD		1.94263	ug/m^3	R_1051	594653.04	4125124.56	65.53	1.50	65.53	
PERIOD		1.67338	ug/m^3	R_1052	594653.04	4125144.56	65.45	1.50	65.45	
PERIOD		1.45574	ug/m^3	R_1053	594653.04	4125164.56	65.25	1.50	65.25	
PERIOD		1.27607	ug/m^3	R_1054	594653.04	4125184.56	65.23	1.50	65.23	
PERIOD		1.59401	ug/m^3	R_1055	594673.04	4125144.56	65.25	1.50	65.25	
PERIOD		1.38496	ug/m^3	R_1056	594673.04	4125164.56	65.04	1.50	65.04	
PERIOD		1.21324	ug/m^3	R_1057	594673.04	4125184.56	65.03	1.50	65.03	
PERIOD		1.50227	ug/m^3	R_1058	594693.04	4125144.56	65.04	1.50	65.04	
PERIOD		1.30492	ug/m^3	R_1059	594693.04	4125164.56	64.84	1.50	64.84	
PERIOD		1.14327	ug/m^3	R_1060	594693.04	4125184.56	64.82	1.50	64.82	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.39945	ug/m^3	R_1061	594713.04	4125144.56	64.84	1.50	64.84	
PERIOD		1.21680	ug/m^3	R_1062	594713.04	4125164.56	64.64	1.50	64.64	
PERIOD		1.06710	ug/m^3	R_1063	594713.04	4125184.56	64.62	1.50	64.62	
PERIOD		0.12430	ug/m^3	R_1064	594170.99	4124692.59	71.27	1.50	71.27	
PERIOD		0.13475	ug/m^3	R_1065	594170.99	4124712.59	71.08	1.50	71.08	
PERIOD		0.12918	ug/m^3	R_1066	594190.99	4124692.59	71.12	1.50	71.12	
PERIOD		0.14043	ug/m^3	R_1067	594190.99	4124712.59	71.03	1.50	71.03	
PERIOD		0.15206	ug/m^3	R_1068	594190.99	4124732.59	70.92	1.50	70.92	
PERIOD		0.12251	ug/m^3	R_1069	594210.99	4124672.59	71.12	1.50	71.12	
PERIOD		0.13431	ug/m^3	R_1070	594210.99	4124692.59	71.00	1.50	71.00	
PERIOD		0.14650	ug/m^3	R_1071	594210.99	4124712.59	70.95	1.50	70.95	
PERIOD		0.15922	ug/m^3	R_1072	594210.99	4124732.59	70.82	1.50	70.82	
PERIOD		0.11478	ug/m^3	R_1073	594230.99	4124652.59	71.08	1.50	71.08	
PERIOD		0.12691	ug/m^3	R_1074	594230.99	4124672.59	71.03	1.50	71.03	
PERIOD		0.13968	ug/m^3	R_1075	594230.99	4124692.59	70.96	1.50	70.96	
PERIOD		0.15315	ug/m^3	R_1076	594230.99	4124712.59	70.77	1.50	70.77	
PERIOD		0.16697	ug/m^3	R_1077	594230.99	4124732.59	70.72	1.50	70.72	
PERIOD		0.10604	ug/m^3	R_1078	594250.99	4124632.59	71.08	1.50	71.08	
PERIOD		0.11849	ug/m^3	R_1079	594250.99	4124652.59	70.88	1.50	70.88	
PERIOD		0.13163	ug/m^3	R_1080	594250.99	4124672.59	70.84	1.50	70.84	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.14553	ug/m^3	R_1081	594250.99	4124692.59	70.78	1.50	70.78	
PERIOD		0.16030	ug/m^3	R_1082	594250.99	4124712.59	70.57	1.50	70.57	
PERIOD		0.17547	ug/m^3	R_1083	594250.99	4124732.59	70.53	1.50	70.53	
PERIOD		0.09681	ug/m^3	R_1084	594270.99	4124612.59	70.94	1.50	70.94	
PERIOD		0.10894	ug/m^3	R_1085	594270.99	4124632.59	70.88	1.50	70.88	
PERIOD		0.12235	ug/m^3	R_1086	594270.99	4124652.59	70.67	1.50	70.67	
PERIOD		0.13659	ug/m^3	R_1087	594270.99	4124672.59	70.63	1.50	70.63	
PERIOD		0.15175	ug/m^3	R_1088	594270.99	4124692.59	70.59	1.50	70.59	
PERIOD		0.16786	ug/m^3	R_1089	594270.99	4124712.59	70.44	1.50	70.44	
PERIOD		0.18461	ug/m^3	R_1090	594270.99	4124732.59	70.37	1.50	70.37	
PERIOD		0.09898	ug/m^3	R_1091	594290.99	4124612.59	70.74	1.50	70.74	
PERIOD		0.11192	ug/m^3	R_1092	594290.99	4124632.59	70.67	1.50	70.67	
PERIOD		0.12635	ug/m^3	R_1093	594290.99	4124652.59	70.47	1.50	70.47	
PERIOD		0.14179	ug/m^3	R_1094	594290.99	4124672.59	70.43	1.50	70.43	
PERIOD		0.15829	ug/m^3	R_1095	594290.99	4124692.59	70.43	1.50	70.43	
PERIOD		0.17579	ug/m^3	R_1096	594290.99	4124712.59	70.41	1.50	70.41	
PERIOD		0.19444	ug/m^3	R_1097	594290.99	4124732.59	70.26	1.50	70.26	
PERIOD		0.08910	ug/m^3	R_1098	594310.99	4124592.59	70.53	1.50	70.53	
PERIOD		0.10120	ug/m^3	R_1099	594310.99	4124612.59	70.53	1.50	70.53	
PERIOD		0.11497	ug/m^3	R_1100	594310.99	4124632.59	70.47	1.50	70.47	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.13049	ug/m^3	R_1101	594310.99	4124652.59	70.27	1.50	70.27	
PERIOD		0.14726	ug/m^3	R_1102	594310.99	4124672.59	70.23	1.50	70.23	
PERIOD		0.16531	ug/m^3	R_1103	594310.99	4124692.59	70.23	1.50	70.23	
PERIOD		0.18456	ug/m^3	R_1104	594310.99	4124712.59	70.23	1.50	70.23	
PERIOD		0.20524	ug/m^3	R_1105	594310.99	4124732.59	70.06	1.50	70.06	
PERIOD		0.07986	ug/m^3	R_1106	594330.99	4124572.59	70.33	1.50	70.33	
PERIOD		0.09077	ug/m^3	R_1107	594330.99	4124592.59	70.33	1.50	70.33	
PERIOD		0.10346	ug/m^3	R_1108	594330.99	4124612.59	70.33	1.50	70.33	
PERIOD		0.11808	ug/m^3	R_1109	594330.99	4124632.59	70.28	1.50	70.28	
PERIOD		0.13470	ug/m^3	R_1110	594330.99	4124652.59	70.13	1.50	70.13	
PERIOD		0.15295	ug/m^3	R_1111	594330.99	4124672.59	70.06	1.50	70.06	
PERIOD		0.17279	ug/m^3	R_1112	594330.99	4124692.59	70.02	1.50	70.02	
PERIOD		0.19405	ug/m^3	R_1113	594330.99	4124712.59	70.02	1.50	70.02	
PERIOD		0.21693	ug/m^3	R_1114	594330.99	4124732.59	69.90	1.50	69.90	
PERIOD		0.07185	ug/m^3	R_1115	594350.99	4124552.59	70.13	1.50	70.13	
PERIOD		0.08124	ug/m^3	R_1116	594350.99	4124572.59	70.13	1.50	70.13	
PERIOD		0.09251	ug/m^3	R_1117	594350.99	4124592.59	70.13	1.50	70.13	
PERIOD		0.10581	ug/m^3	R_1118	594350.99	4124612.59	70.13	1.50	70.13	
PERIOD		0.12125	ug/m^3	R_1119	594350.99	4124632.59	70.12	1.50	70.12	
PERIOD		0.13885	ug/m^3	R_1120	594350.99	4124652.59	70.11	1.50	70.11	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.15883	ug/m^3	R_1121	594350.99	4124672.59	69.95	1.50	69.95	
PERIOD		0.18074	ug/m^3	R_1122	594350.99	4124692.59	69.82	1.50	69.82	
PERIOD		0.20426	ug/m^3	R_1123	594350.99	4124712.59	69.82	1.50	69.82	
PERIOD		0.22950	ug/m^3	R_1124	594350.99	4124732.59	69.81	1.50	69.81	
PERIOD		0.07324	ug/m^3	R_1125	594370.99	4124552.59	69.92	1.50	69.92	
PERIOD		0.08279	ug/m^3	R_1126	594370.99	4124572.59	69.92	1.50	69.92	
PERIOD		0.09439	ug/m^3	R_1127	594370.99	4124592.59	69.92	1.50	69.92	
PERIOD		0.10827	ug/m^3	R_1128	594370.99	4124612.59	69.92	1.50	69.92	
PERIOD		0.12461	ug/m^3	R_1129	594370.99	4124632.59	69.92	1.50	69.92	
PERIOD		0.14346	ug/m^3	R_1130	594370.99	4124652.59	69.92	1.50	69.92	
PERIOD		0.16513	ug/m^3	R_1131	594370.99	4124672.59	69.76	1.50	69.76	
PERIOD		0.18921	ug/m^3	R_1132	594370.99	4124692.59	69.62	1.50	69.62	
PERIOD		0.21529	ug/m^3	R_1133	594370.99	4124712.59	69.62	1.50	69.62	
PERIOD		0.24348	ug/m^3	R_1134	594370.99	4124732.59	69.62	1.50	69.62	
PERIOD		0.27389	ug/m^3	R_1135	594370.99	4124752.59	69.56	1.50	69.56	
PERIOD		0.08451	ug/m^3	R_1136	594390.99	4124572.59	69.72	1.50	69.72	
PERIOD		0.09643	ug/m^3	R_1137	594390.99	4124592.59	69.72	1.50	69.72	
PERIOD		0.11087	ug/m^3	R_1138	594390.99	4124612.59	69.72	1.50	69.72	
PERIOD		0.12811	ug/m^3	R_1139	594390.99	4124632.59	69.72	1.50	69.72	
PERIOD		0.14829	ug/m^3	R_1140	594390.99	4124652.59	69.72	1.50	69.72	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.17172	ug/m^3	R_1141	594390.99	4124672.59	69.60	1.50	69.60	
PERIOD		0.19812	ug/m^3	R_1142	594390.99	4124692.59	69.48	1.50	69.48	
PERIOD		0.22719	ug/m^3	R_1143	594390.99	4124712.59	69.43	1.50	69.43	
PERIOD		0.25884	ug/m^3	R_1144	594390.99	4124732.59	69.41	1.50	69.41	
PERIOD		0.29317	ug/m^3	R_1145	594390.99	4124752.59	69.37	1.50	69.37	
PERIOD		0.09868	ug/m^3	R_1146	594410.99	4124592.59	69.52	1.50	69.52	
PERIOD		0.11365	ug/m^3	R_1147	594410.99	4124612.59	69.52	1.50	69.52	
PERIOD		0.13180	ug/m^3	R_1148	594410.99	4124632.59	69.52	1.50	69.52	
PERIOD		0.15337	ug/m^3	R_1149	594410.99	4124652.59	69.52	1.50	69.52	
PERIOD		0.17855	ug/m^3	R_1150	594410.99	4124672.59	69.50	1.50	69.50	
PERIOD		0.20740	ug/m^3	R_1151	594410.99	4124692.59	69.44	1.50	69.44	
PERIOD		0.24009	ug/m^3	R_1152	594410.99	4124712.59	69.25	1.50	69.25	
PERIOD		0.27573	ug/m^3	R_1153	594410.99	4124732.59	69.21	1.50	69.21	
PERIOD		0.31456	ug/m^3	R_1154	594410.99	4124752.59	69.21	1.50	69.21	
PERIOD		0.13576	ug/m^3	R_1155	594430.99	4124632.59	69.31	1.50	69.31	
PERIOD		0.15876	ug/m^3	R_1156	594430.99	4124652.59	69.31	1.50	69.31	
PERIOD		0.18598	ug/m^3	R_1157	594430.99	4124672.59	69.31	1.50	69.31	
PERIOD		0.21771	ug/m^3	R_1158	594430.99	4124692.59	69.25	1.50	69.25	
PERIOD		0.25419	ug/m^3	R_1159	594430.99	4124712.59	69.05	1.50	69.05	
PERIOD		0.29442	ug/m^3	R_1160	594430.99	4124732.59	69.01	1.50	69.01	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.33870	ug/m^3	R_1161	594430.99	4124752.59	69.01	1.50	69.01	
PERIOD		0.14005	ug/m^3	R_1162	594450.99	4124632.59	69.11	1.50	69.11	
PERIOD		0.16451	ug/m^3	R_1163	594450.99	4124652.59	69.11	1.50	69.11	
PERIOD		0.19397	ug/m^3	R_1164	594450.99	4124672.59	69.11	1.50	69.11	
PERIOD		0.22883	ug/m^3	R_1165	594450.99	4124692.59	69.06	1.50	69.06	
PERIOD		0.26940	ug/m^3	R_1166	594450.99	4124712.59	68.91	1.50	68.91	
PERIOD		0.32315	ug/m^3	R_1167	594450.99	4124732.59	68.84	1.50	68.84	
PERIOD		0.37421	ug/m^3	R_1168	594450.99	4124752.59	68.81	1.50	68.81	
PERIOD		0.24072	ug/m^3	R_1169	594470.99	4124692.59	68.90	1.50	68.90	
PERIOD		0.28548	ug/m^3	R_1170	594470.99	4124712.59	68.89	1.50	68.89	
PERIOD		0.34702	ug/m^3	R_1171	594470.99	4124732.59	68.73	1.50	68.73	
PERIOD		0.40609	ug/m^3	R_1172	594470.99	4124752.59	68.60	1.50	68.60	
PERIOD		0.37964	ug/m^3	R_1173	594329.14	4124844.95	69.36	1.50	69.36	
PERIOD		0.42295	ug/m^3	R_1174	594329.14	4124864.95	69.20	1.50	69.20	
PERIOD		0.47321	ug/m^3	R_1175	594329.14	4124884.95	69.15	1.50	69.15	
PERIOD		0.53212	ug/m^3	R_1176	594329.14	4124904.95	69.06	1.50	69.06	
PERIOD		0.60009	ug/m^3	R_1177	594329.14	4124924.95	68.90	1.50	68.90	
PERIOD		0.69557	ug/m^3	R_1178	594329.14	4124944.95	68.85	1.50	68.85	
PERIOD		0.77452	ug/m^3	R_1179	594329.14	4124964.95	68.76	1.50	68.76	
PERIOD		0.85462	ug/m^3	R_1180	594329.14	4124984.95	68.59	1.50	68.59	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.93207	ug/m^3	R_1181	594329.14	4125004.95	68.39	1.50	68.39	
PERIOD		1.00278	ug/m^3	R_1182	594329.14	4125024.95	68.26	1.50	68.26	
PERIOD		1.06331	ug/m^3	R_1183	594329.14	4125044.95	68.22	1.50	68.22	
PERIOD		1.11216	ug/m^3	R_1184	594329.14	4125064.95	68.06	1.50	68.06	
PERIOD		1.14744	ug/m^3	R_1185	594329.14	4125084.95	67.88	1.50	67.88	
PERIOD		1.16831	ug/m^3	R_1186	594329.14	4125104.95	67.68	1.50	67.68	
PERIOD		1.17416	ug/m^3	R_1187	594329.14	4125124.95	67.63	1.50	67.63	
PERIOD		1.16725	ug/m^3	R_1188	594329.14	4125144.95	67.54	1.50	67.54	
PERIOD		1.14932	ug/m^3	R_1189	594329.14	4125164.95	67.37	1.50	67.37	
PERIOD		1.12179	ug/m^3	R_1190	594329.14	4125184.95	67.17	1.50	67.17	
PERIOD		0.41484	ug/m^3	R_1191	594349.14	4124844.95	69.22	1.50	69.22	
PERIOD		0.46428	ug/m^3	R_1192	594349.14	4124864.95	69.19	1.50	69.19	
PERIOD		0.52343	ug/m^3	R_1193	594349.14	4124884.95	69.03	1.50	69.03	
PERIOD		0.59204	ug/m^3	R_1194	594349.14	4124904.95	68.91	1.50	68.91	
PERIOD		0.66929	ug/m^3	R_1195	594349.14	4124924.95	68.89	1.50	68.89	
PERIOD		0.77785	ug/m^3	R_1196	594349.14	4124944.95	68.72	1.50	68.72	
PERIOD		0.86684	ug/m^3	R_1197	594349.14	4124964.95	68.61	1.50	68.61	
PERIOD		0.95472	ug/m^3	R_1198	594349.14	4124984.95	68.58	1.50	68.58	
PERIOD		1.03869	ug/m^3	R_1199	594349.14	4125004.95	68.39	1.50	68.39	
PERIOD		1.11344	ug/m^3	R_1200	594349.14	4125024.95	68.20	1.50	68.20	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.17549	ug/m^3	R_1201	594349.14	4125044.95	68.02	1.50	68.02	
PERIOD		1.22126	ug/m^3	R_1202	594349.14	4125064.95	67.99	1.50	67.99	
PERIOD		1.25104	ug/m^3	R_1203	594349.14	4125084.95	67.88	1.50	67.88	
PERIOD		1.26473	ug/m^3	R_1204	594349.14	4125104.95	67.68	1.50	67.68	
PERIOD		1.26243	ug/m^3	R_1205	594349.14	4125124.95	67.50	1.50	67.50	
PERIOD		1.24560	ug/m^3	R_1206	594349.14	4125144.95	67.39	1.50	67.39	
PERIOD		1.21646	ug/m^3	R_1207	594349.14	4125164.95	67.36	1.50	67.36	
PERIOD		1.17861	ug/m^3	R_1208	594349.14	4125184.95	67.17	1.50	67.17	
PERIOD		0.45522	ug/m^3	R_1209	594369.14	4124844.95	69.14	1.50	69.14	
PERIOD		0.51341	ug/m^3	R_1210	594369.14	4124864.95	69.04	1.50	69.04	
PERIOD		0.58213	ug/m^3	R_1211	594369.14	4124884.95	68.94	1.50	68.94	
PERIOD		0.68543	ug/m^3	R_1212	594369.14	4124904.95	68.84	1.50	68.84	
PERIOD		0.77672	ug/m^3	R_1213	594369.14	4124924.95	68.73	1.50	68.73	
PERIOD		0.87482	ug/m^3	R_1214	594369.14	4124944.95	68.53	1.50	68.53	
PERIOD		0.97489	ug/m^3	R_1215	594369.14	4124964.95	68.42	1.50	68.42	
PERIOD		1.07167	ug/m^3	R_1216	594369.14	4124984.95	68.42	1.50	68.42	
PERIOD		1.16201	ug/m^3	R_1217	594369.14	4125004.95	68.23	1.50	68.23	
PERIOD		1.23942	ug/m^3	R_1218	594369.14	4125024.95	68.07	1.50	68.07	
PERIOD		1.29998	ug/m^3	R_1219	594369.14	4125044.95	67.98	1.50	67.98	
PERIOD		1.34190	ug/m^3	R_1220	594369.14	4125064.95	67.87	1.50	67.87	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.36452	ug/m^3	R_1221	594369.14	4125084.95	67.72	1.50	67.72	
PERIOD		1.36837	ug/m^3	R_1222	594369.14	4125104.95	67.52	1.50	67.52	
PERIOD		1.35430	ug/m^3	R_1223	594369.14	4125124.95	67.42	1.50	67.42	
PERIOD		1.32539	ug/m^3	R_1224	594369.14	4125144.95	67.31	1.50	67.31	
PERIOD		1.28445	ug/m^3	R_1225	594369.14	4125164.95	67.21	1.50	67.21	
PERIOD		1.23482	ug/m^3	R_1226	594369.14	4125184.95	67.01	1.50	67.01	
PERIOD		0.50238	ug/m^3	R_1227	594389.14	4124844.95	69.04	1.50	69.04	
PERIOD		0.59138	ug/m^3	R_1228	594389.14	4124864.95	68.84	1.50	68.84	
PERIOD		0.67522	ug/m^3	R_1229	594389.14	4124884.95	68.82	1.50	68.82	
PERIOD		0.77100	ug/m^3	R_1230	594389.14	4124904.95	68.74	1.50	68.74	
PERIOD		0.87719	ug/m^3	R_1231	594389.14	4124924.95	68.53	1.50	68.53	
PERIOD		0.98918	ug/m^3	R_1232	594389.14	4124944.95	68.37	1.50	68.37	
PERIOD		1.10148	ug/m^3	R_1233	594389.14	4124964.95	68.26	1.50	68.26	
PERIOD		1.20793	ug/m^3	R_1234	594389.14	4124984.95	68.22	1.50	68.22	
PERIOD		1.30358	ug/m^3	R_1235	594389.14	4125004.95	68.06	1.50	68.06	
PERIOD		1.38196	ug/m^3	R_1236	594389.14	4125024.95	67.95	1.50	67.95	
PERIOD		1.43891	ug/m^3	R_1237	594389.14	4125044.95	67.91	1.50	67.91	
PERIOD		1.47437	ug/m^3	R_1238	594389.14	4125064.95	67.72	1.50	67.72	
PERIOD		1.48671	ug/m^3	R_1239	594389.14	4125084.95	67.54	1.50	67.54	
PERIOD		1.47761	ug/m^3	R_1240	594389.14	4125104.95	67.37	1.50	67.37	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.44923	ug/m^3	R_1241	594389.14	4125124.95	67.32	1.50	67.32	
PERIOD		1.40579	ug/m^3	R_1242	594389.14	4125144.95	67.23	1.50	67.23	
PERIOD		1.35101	ug/m^3	R_1243	594389.14	4125164.95	67.07	1.50	67.07	
PERIOD		1.28839	ug/m^3	R_1244	594389.14	4125184.95	66.87	1.50	66.87	
PERIOD		0.57693	ug/m^3	R_1245	594409.14	4124844.95	68.84	1.50	68.84	
PERIOD		0.66247	ug/m^3	R_1246	594409.14	4124864.95	68.64	1.50	68.64	
PERIOD		0.76137	ug/m^3	R_1247	594409.14	4124884.95	68.62	1.50	68.62	
PERIOD		0.87388	ug/m^3	R_1248	594409.14	4124904.95	68.53	1.50	68.53	
PERIOD		0.99708	ug/m^3	R_1249	594409.14	4124924.95	68.33	1.50	68.33	
PERIOD		1.12425	ug/m^3	R_1250	594409.14	4124944.95	68.29	1.50	68.29	
PERIOD		1.24970	ug/m^3	R_1251	594409.14	4124964.95	68.20	1.50	68.20	
PERIOD		1.36663	ug/m^3	R_1252	594409.14	4124984.95	68.02	1.50	68.02	
PERIOD		1.46556	ug/m^3	R_1253	594409.14	4125004.95	67.99	1.50	67.99	
PERIOD		1.54266	ug/m^3	R_1254	594409.14	4125024.95	67.90	1.50	67.90	
PERIOD		1.59446	ug/m^3	R_1255	594409.14	4125044.95	67.72	1.50	67.72	
PERIOD		1.61922	ug/m^3	R_1256	594409.14	4125064.95	67.52	1.50	67.52	
PERIOD		1.61707	ug/m^3	R_1257	594409.14	4125084.95	67.39	1.50	67.39	
PERIOD		1.59070	ug/m^3	R_1258	594409.14	4125104.95	67.36	1.50	67.36	
PERIOD		1.54576	ug/m^3	R_1259	594409.14	4125124.95	67.20	1.50	67.20	
PERIOD		1.48555	ug/m^3	R_1260	594409.14	4125144.95	67.09	1.50	67.09	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.41444	ug/m^3	R_1261	594409.14	4125164.95	67.06	1.50	67.06	
PERIOD		1.33741	ug/m^3	R_1262	594409.14	4125184.95	66.87	1.50	66.87	
PERIOD		0.64575	ug/m^3	R_1263	594429.14	4124844.95	68.68	1.50	68.68	
PERIOD		0.74696	ug/m^3	R_1264	594429.14	4124864.95	68.59	1.50	68.59	
PERIOD		0.86474	ug/m^3	R_1265	594429.14	4124884.95	68.48	1.50	68.48	
PERIOD		0.99743	ug/m^3	R_1266	594429.14	4124904.95	68.38	1.50	68.38	
PERIOD		1.13998	ug/m^3	R_1267	594429.14	4124924.95	68.28	1.50	68.28	
PERIOD		1.28543	ug/m^3	R_1268	594429.14	4124944.95	68.18	1.50	68.18	
PERIOD		1.42571	ug/m^3	R_1269	594429.14	4124964.95	68.03	1.50	68.03	
PERIOD		1.55171	ug/m^3	R_1270	594429.14	4124984.95	67.82	1.50	67.82	
PERIOD		1.65247	ug/m^3	R_1271	594429.14	4125004.95	67.81	1.50	67.81	
PERIOD		1.72509	ug/m^3	R_1272	594429.14	4125024.95	67.72	1.50	67.72	
PERIOD		1.76671	ug/m^3	R_1273	594429.14	4125044.95	67.52	1.50	67.52	
PERIOD		1.77508	ug/m^3	R_1274	594429.14	4125064.95	67.42	1.50	67.42	
PERIOD		1.75390	ug/m^3	R_1275	594429.14	4125084.95	67.31	1.50	67.31	
PERIOD		1.70769	ug/m^3	R_1276	594429.14	4125104.95	67.21	1.50	67.21	
PERIOD		1.64215	ug/m^3	R_1277	594429.14	4125124.95	67.11	1.50	67.11	
PERIOD		1.56249	ug/m^3	R_1278	594429.14	4125144.95	67.01	1.50	67.01	
PERIOD		1.47412	ug/m^3	R_1279	594429.14	4125164.95	66.90	1.50	66.90	
PERIOD		1.38203	ug/m^3	R_1280	594429.14	4125184.95	66.71	1.50	66.71	

Sensitive Receptor Summary

SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.72826	ug/m^3	R_1281	594449.14	4124844.95	68.52	1.50	68.52	
PERIOD		0.84925	ug/m^3	R_1282	594449.14	4124864.95	68.52	1.50	68.52	
PERIOD		0.99064	ug/m^3	R_1283	594449.14	4124884.95	68.33	1.50	68.33	
PERIOD		1.14766	ug/m^3	R_1284	594449.14	4124904.95	68.21	1.50	68.21	
PERIOD		1.31282	ug/m^3	R_1285	594449.14	4124924.95	68.21	1.50	68.21	
PERIOD		1.47924	ug/m^3	R_1286	594449.14	4124944.95	68.03	1.50	68.03	
PERIOD		1.63441	ug/m^3	R_1287	594449.14	4124964.95	67.84	1.50	67.84	
PERIOD		1.76694	ug/m^3	R_1288	594449.14	4124984.95	67.68	1.50	67.68	
PERIOD		1.86692	ug/m^3	R_1289	594449.14	4125004.95	67.63	1.50	67.63	
PERIOD		1.93002	ug/m^3	R_1290	594449.14	4125024.95	67.54	1.50	67.54	
PERIOD		1.95520	ug/m^3	R_1291	594449.14	4125044.95	67.37	1.50	67.37	
PERIOD		1.94176	ug/m^3	R_1292	594449.14	4125064.95	67.32	1.50	67.32	
PERIOD		1.89673	ug/m^3	R_1293	594449.14	4125084.95	67.21	1.50	67.21	
PERIOD		1.82656	ug/m^3	R_1294	594449.14	4125104.95	67.01	1.50	67.01	
PERIOD		1.73618	ug/m^3	R_1295	594449.14	4125124.95	67.00	1.50	67.00	
PERIOD		1.63503	ug/m^3	R_1296	594449.14	4125144.95	66.91	1.50	66.91	
PERIOD		1.52843	ug/m^3	R_1297	594449.14	4125164.95	66.71	1.50	66.71	
PERIOD		1.42017	ug/m^3	R_1298	594449.14	4125184.95	66.54	1.50	66.54	
PERIOD		0.82878	ug/m^3	R_1299	594469.14	4124844.95	68.32	1.50	68.32	
PERIOD		0.97553	ug/m^3	R_1300	594469.14	4124864.95	68.32	1.50	68.32	

Sensitive Receptor Summary

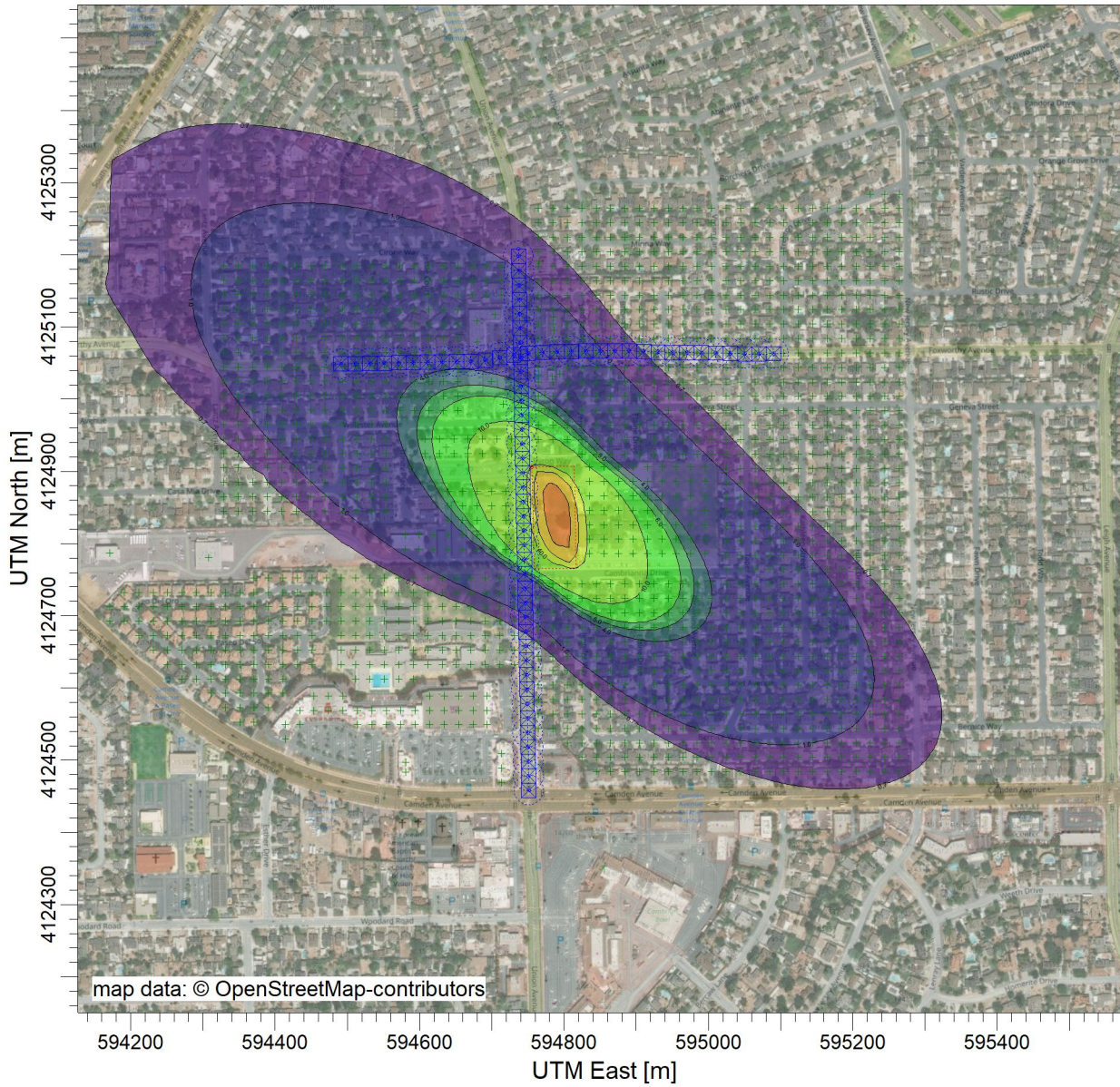
SSJ-01 Silverado Project
Construction HRA

PM2.5 - Concentration - Source Group: ON-EXHAU

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.14594	ug/m^3	R_1301	594469.14	4124884.95	68.13	1.50	68.13	
PERIOD		1.33233	ug/m^3	R_1302	594469.14	4124904.95	68.01	1.50	68.01	
PERIOD		1.52451	ug/m^3	R_1303	594469.14	4124924.95	68.01	1.50	68.01	
PERIOD		1.71319	ug/m^3	R_1304	594469.14	4124944.95	67.82	1.50	67.82	
PERIOD		1.88166	ug/m^3	R_1305	594469.14	4124964.95	67.69	1.50	67.69	
PERIOD		2.01640	ug/m^3	R_1306	594469.14	4124984.95	67.67	1.50	67.67	
PERIOD		2.11131	ug/m^3	R_1307	594469.14	4125004.95	67.50	1.50	67.50	
PERIOD		2.15857	ug/m^3	R_1308	594469.14	4125024.95	67.39	1.50	67.39	
PERIOD		2.15830	ug/m^3	R_1309	594469.14	4125044.95	67.36	1.50	67.36	
PERIOD		2.11796	ug/m^3	R_1310	594469.14	4125064.95	67.20	1.50	67.20	
PERIOD		2.04347	ug/m^3	R_1311	594469.14	4125084.95	67.01	1.50	67.01	
PERIOD		1.94379	ug/m^3	R_1312	594469.14	4125104.95	66.81	1.50	66.81	
PERIOD		1.82637	ug/m^3	R_1313	594469.14	4125124.95	66.79	1.50	66.79	
PERIOD		1.70143	ug/m^3	R_1314	594469.14	4125144.95	66.71	1.50	66.71	
PERIOD		1.57498	ug/m^3	R_1315	594469.14	4125164.95	66.50	1.50	66.50	
PERIOD		1.44984	ug/m^3	R_1316	594469.14	4125184.95	66.46	1.50	66.46	

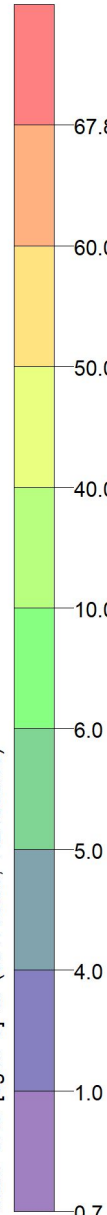
PROJECT TITLE:
SSJ-01 Silverado Project
Construction HRA

COMMENTS:



PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ON-EXHAU

Max: 67.8 [ug/m³] at (594786.05, 4124836.06)



SOURCES:

6

RECEPTORS:

5253

OUTPUT TYPE:

Concentration

MAX:

67.8 ug/m³

COMPANY NAME:

MODELER:

DATE:

9/26/2023

SCALE:

1:9,506



PROJECT NO.: