Bridge Point Rancho Cucamonga

MOBILE SOURCE HEALTH RISK ASSESSMENT

CITY OF RANCHO CUCAMONGA

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LIST OF ABBREVIATED TERMS

(1)	Reference
µg	Microgram
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
APS	Auxiliary Power System
AQMD	Air Quality Management District
ARB	Air Resources Board
CEQA	California Environmental Quality Act
CPF	Cancer Potency Factor
DPM	Diesel Particulate Matter
EMFAC	Emission Factor Model
EPA	Environmental Protection Agency
HHD	Heavy Heavy-Duty
HI	Hazard Index
HRA	Health Risk Assessment
LHD	Light Heavy-Duty
MATES	Multiple Air Toxics Exposure Study
MEIR	Maximally Exposed Individual Receptor
MEISC	Maximally Exposed Individual School Child
MEIW	Maximally Exposed Individual Worker
MHD	Medium Heavy-Duty
NAD	North American Datum
OEHHA	Office of Environmental Health Hazard Assessment
PCE	Passenger Car Equivalent
PM10	Particulate Matter 10 microns in diameter or less
Project	Bridge Point Rancho Cucamonga
REL	Reference Exposure Level
RM	Recommended Measures
SCAQMD	South Coast Air Quality Management District
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
TIA	Traffic Impact Analysis
URF	Unit Risk Factor
UTM	Universal Transverse Mercator
VMT	Vehicle Miles Traveled

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EXECUTIVE SUMMARY

This report evaluates the potential mobile source health risk impacts to sensitive receptors (residential, worker and school occupancies) associated with the development of the proposed Project, more specifically, health risk impacts as a result of exposure to diesel particulate matter (DPM) emitted from heavy-duty diesel trucks accessing the site. This section summarizes the significance criteria and Project mobile source health risks.

The results of the health risk assessment of lifetime cancer risk from Project-generated DPM emissions are provided in Table ES-1.

Individual Exposure Scenario:

The residential land use with the greatest potential exposure to Project DPM source emissions is located immediately east of Etiwanda Avenue between Arrow Route and Foothill Boulevard; Etiwanda Avenue is a designated truck route. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project DPM source emissions is estimated at 0.58 in one million, which is less than the South Coast Air Quality Management District's (SCAQMD's) significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project is 0.00018 and does not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent residences.

It should be noted that the West Valley Detention Center was considered but did not meet the criteria for a residential occupancy since the West Valley Detention Center is a facility where an individual could remain for a short-term period (not years), and since the HRA impacts for a residential occupancy are based on a 30-year exposure duration.

Worker Exposure Scenario:

The worker receptor land use with the greatest potential exposure to Project DPM source emissions is the West Valley Detention Center located approximately 364 feet east of the Project site at 9500 Etiwanda Avenue[1]. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact at this location is 0.98 in one million, which is less than the SCAQMD's threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project is 0.0026 and does not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent workers.

School Child Exposure Scenario:

The school site land use with the greatest potential exposure to Project DPM source emissions is at the Sacred Heart Parish School located approximately 1.5 miles (7,900 feet) north of the Project site, and adjacent to Foothill Boulevard, a designated truck route. At the maximally exposed individual school child (MEISC), the maximum incremental cancer risk impact attributable to the Project at this location is calculated to be an estimated 0.04 in one million

1 Although there may be other worker receptors located nearer in terms of physical distance to the Project site, this location is the maximally impacted based on local meteorological conditions.

which is less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project is 0.00005 and does not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

Cumulative Impacts:

Consistent with SCAQMD guidance, since the Project does not exceed the applicable health risk thresholds and results in a significant impact on an individual basis, the Project would not be considered to be cumulatively significant and a less than significant cumulative health risk impact would occur.

TABLE ES-1: SUMMARY OF CANCER AND NON-CANCER RISKS

Location	Time Period[1]	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
Maximum Exposed Sensitive Receptor	30 Year Exposure	0.58	10	No
Maximum Exposed Worker Receptor	25 Year Exposure	0.98	10	No
Maximum Exposed School Child Receptor	10 Year Exposure	0.04	10	No
Location	**Time Period**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Maximum Exposed Sensitive Receptor	Annual Average	0.00018	1.0	No
Maximum Exposed Worker Receptor	Annual Average	0.0026	1.0	No
Maximum Exposed School Child Receptor	Annual Average	0.00005	1.0	No

[1] Based on the Office of Environmental Health Hazard Assessment (OEHHA) recommendations, cancer risk to residential receptors are based on a 30-year exposure duration and 25 years for worker receptors. A value of 10 years for school-based receptors was used to accommodate a Transitional Kindergarten (TK) through 8th grade tenure. (2).

1 INTRODUCTION

The purpose of this Health Risk Assessment (HRA) is to evaluate Project-related impacts to sensitive receptors (residential, schools) and adjacent workers as a result of heavy-duty diesel trucks accessing the site.

The SCAQMD identifies that if a proposed Project is expected to generate/attract heavy-duty diesel trucks, which emit DPM, preparation of a mobile source HRA is recommended. This document serves to meet the SCAQMD's request for preparation of a HRA. The mobile source HRA has been prepared in accordance with the document Health Risk Assessment Guidance for Analyzing Cancer Risk from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2) and is comprised of all relevant and appropriate procedures presented by the United States Environmental Protection Agency (U.S. EPA), California EPA and SCAQMD. Cancer risk is expressed in terms of expected incremental incidence per million population. The SCAQMD has established an incidence rate of ten (10) persons per million as the maximum acceptable incremental cancer risk due to DPM exposure from a project such as the proposed Project. This threshold serves to determine whether or not a given project has a potentially significant development-specific and cumulatively considerable impact.

The SCAQMD has also established non-carcinogenic risk parameters for use in HRAs. Non-carcinogenic risks are quantified by calculating a "hazard index," expressed as the ratio between the ambient pollutant concentration and its toxicity or Reference Exposure Level (REL). An REL is a concentration at or below which health effects are not likely to occur. A hazard index less of than one (1.0) means that adverse health effects are not expected. In this HRA, non-carcinogenic exposures of less than 1.0 are considered less-than-significant.

The AQMD has published a report on how to address cumulative impacts from air pollution: *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution* (3). In this report the AQMD states (Page D-3):

"…the AQMD uses the same significance thresholds for project specific and cumulative impacts for all environmental topics analyzed in an Environmental Assessment or EIR. The only case where the significance thresholds for project specific and cumulative impacts differ is the Hazard Index (HI) significance threshold for toxic air contaminant (TAC) emissions. The project specific (project increment) significance threshold is HI > 1.0 while the cumulative (facility-wide) is HI > 3.0. It should be noted that the HI is only one of three TAC emission significance thresholds considered (when applicable) in a CEQA analysis. The other two are the maximum individual cancer risk (MICR) and the cancer burden, both of which use the same significance thresholds (MICR of 10 in 1 million and cancer burden of 0.5) for project specific and cumulative impacts.

Projects that exceed the project-specific significance thresholds are considered by the SCAQMD to be cumulatively considerable. This is the reason project-specific and cumulative significance thresholds are the same. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant."

1.1 SITE LOCATION

The Project site is located north of 4th Street and west of Etiwanda Avenue at 12322 and 12434 4th Street in the City of Rancho Cucamonga. The Project is located approximately 3 miles northeast of the Ontario International Airport (ONT) and roughly 0.5 miles east and 0.7 miles north of the Interstate 15 (I-15) and Interstate 10 (I-10) freeways, respectively. The Project location map is shown on Exhibit 1-A.

1.2 PROJECT DESCRIPTION

Exhibit 1-B illustrates a preliminary site plan for the Project. The Project is anticipated to be developed within a single phase with an anticipated opening year of 2022. The proposed Project consists of the following uses:

- 1,957,500 square feet (sf) of High-Cube Fulfillment Center (Non-Sort) Warehouse (90% of the total square footage of Building 1 and Building 2)
- 217,500 sf of High-Cube Cold Storage Warehouse (10% of the total square footage of Building 1 and Building 2)
- The proposed Project would replace existing uses on the site, which consists of 1,431,000 sf of High-Cube Transload Short-Term Storage Warehouse (Without Cold Storage) use and 23,240 sf of Free-Standing Discount Store use.

The proposed Project will replace existing operational uses, which consist of 1,413,000 sf of High-Cube Transload Short-Term Storage Warehouse (Without Cold Storage) use and 23,240 sf of Free-Standing Discount Store use.

At the time this HRA was prepared, the future tenants of the proposed Project are unknown. Because the operating hours of perspective building tenants is not known at this time, this HRA is intended to describe potential toxic emission impacts associated with the expected typical 24-hour, seven day per week operational activities at the Project site.

The Project also includes construction of the at-grade crossing of the railroad spur to complete 6th Street between Santa Anita Avenue and Etiwanda Avenue. The construction of this at-grade crossing does not affect this HRA since no Project trucks would occur along 6th Street west of the Project site with or without the at-grade crossing.

Based on the *Bridge Point Rancho Cucamonga High-Cube Fulfillment Center Traffic Memo* (TM) prepared by Urban Crossroads, Inc., the Project is expected to generate a total of approximately 4,008 two-way vehicular trips per day (2,004 inbound and 2,004 outbound), including 536 two-way truck trips per day (268 inbound and 268 outbound)(4).

This health risk assessment study evaluates the potential impacts resulting from DPM exhaust from the 536 two-way truck trips generated by the Project. This HRA does not take credit for existing truck trips associated with the existing building. As such, this HRA is conservative (i.e. overstates) potential impacts associated with the Project since it is based on the presumption that all truck trips associated with the Project are new.

EXHIBIT 1-A: LOCATION MAP

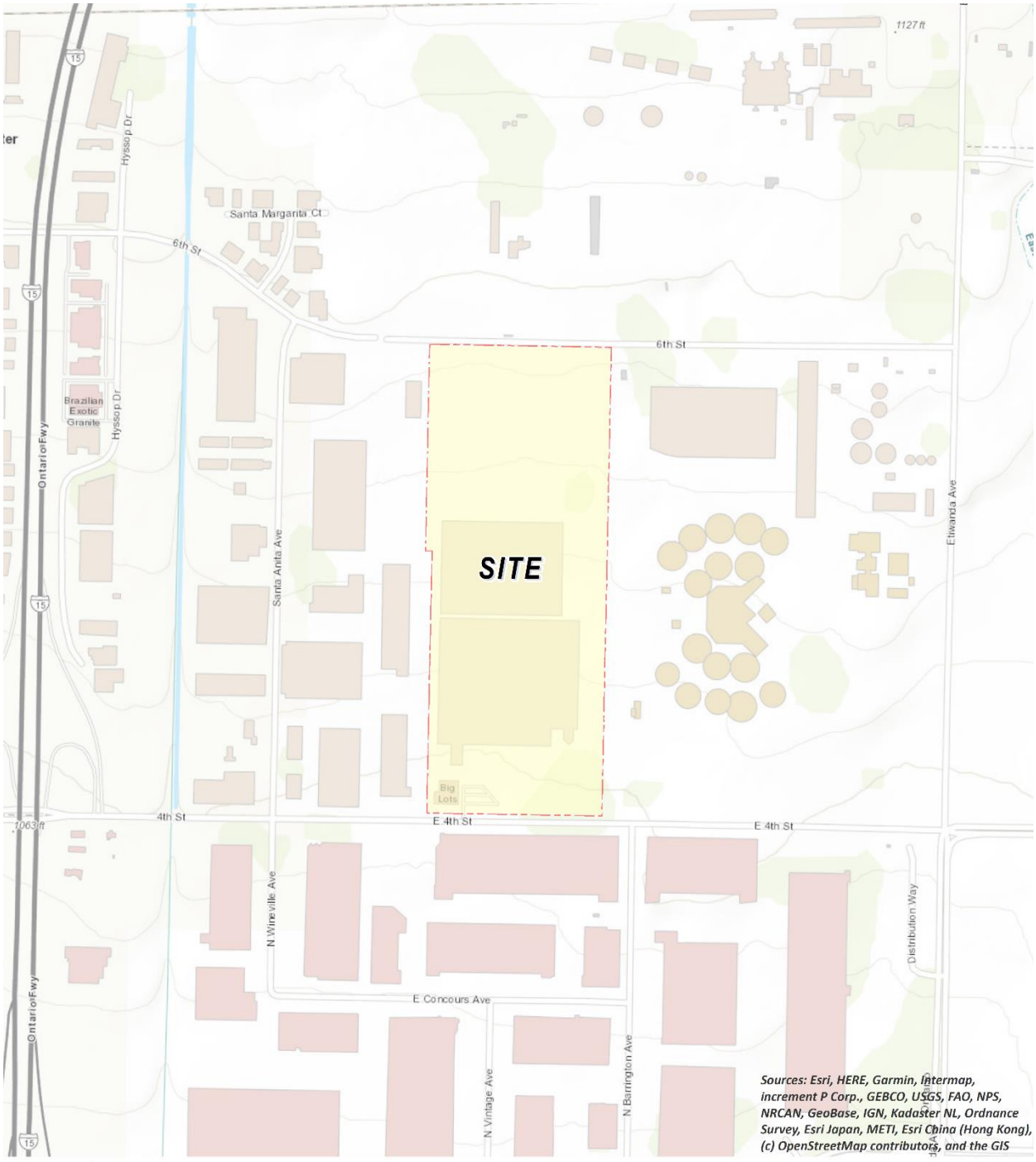
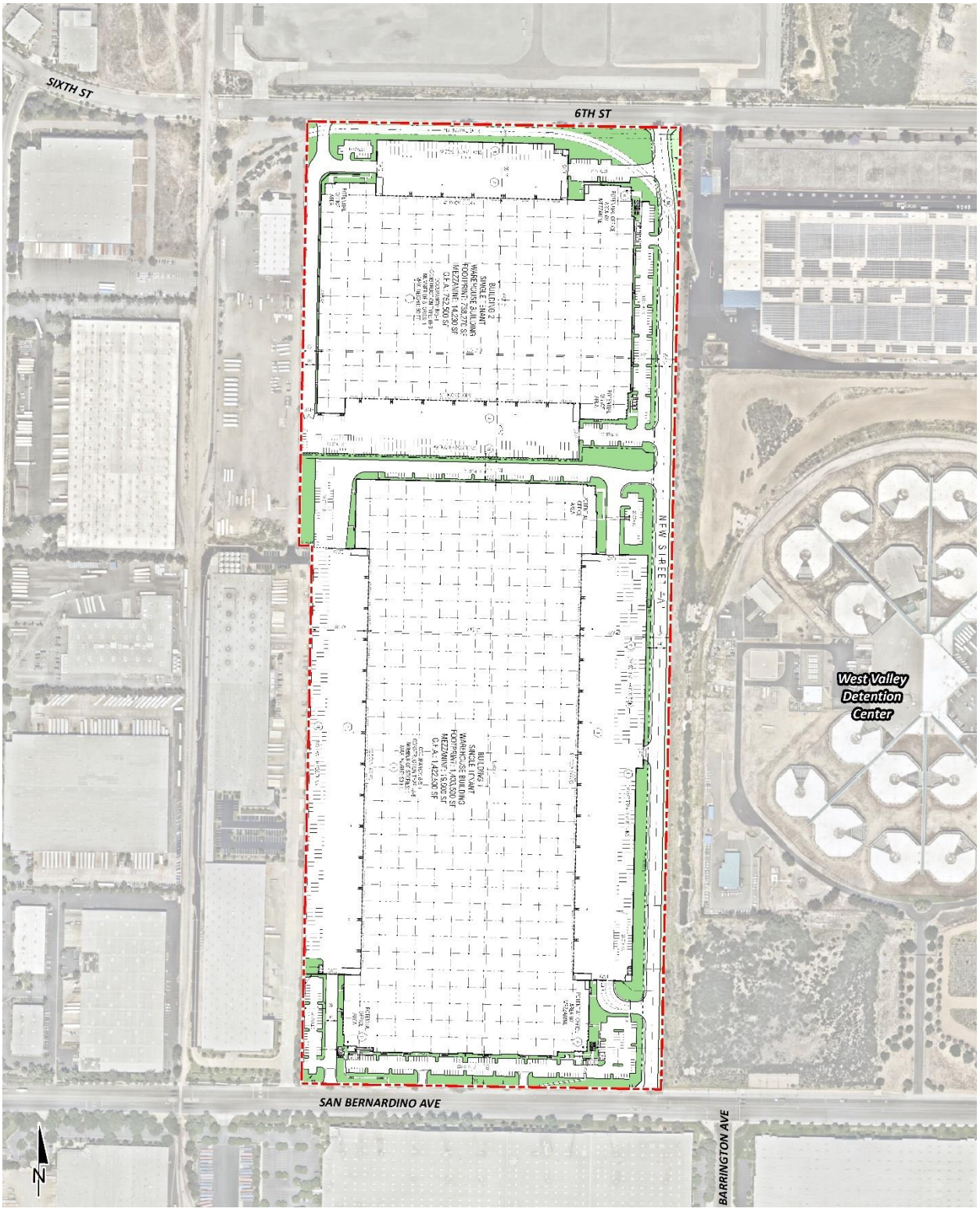


EXHIBIT 1-B: PRELIMINARY SITE PLAN



2 BACKGROUND

2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

This HRA is based on SCAQMD guidelines to produce conservative estimates of human health risk posed by exposure to DPM. The conservative nature of this analysis is due primarily to the following factors:

- The California Air Resources Board (CARB) adopted diesel exhaust Unit Risk Factor (URF) of 300 in one million per µg/m3 is based upon the upper 95 percentile of estimated risk for each of the epidemiological studies utilized to develop the URF. Using the 95th percentile URF represents a very conservative (health-protective) risk posed by DPM because it represents breathing rates that are high for the human body (95% higher than the average population).
- The emissions derived assume that every truck accessing the Project site will idle for 15 minutes under the unmitigated scenario, and this is an overestimation of actual idling times and thus conservative.[2] The CARB's anti-idling requirements impose a 5-minute maximum idling time and therefore the analysis conservatively overestimates DPM emissions from idling by a factor of 3.

2.2 EMISSIONS ESTIMATION

2.2.1 ON-SITE AND OFF-SITE TRUCK ACTIVITY

Vehicle DPM emissions were calculated using emission factors for particulate matter less than 10µm in diameter (PM_{10}) generated with the 2017 version of the EMission FACtor model (EMFAC) developed by the CARB. EMFAC 2017 is a mathematical model that CARB developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by the CARB to project changes in future emissions from on-road mobile sources (5). The most recent version of this model, EMFAC 2017, incorporates regional motor vehicle data, information and estimates regarding the distribution of vehicle miles traveled (VMT) by speed, and number of starts per day.

Several distinct emission processes are included in EMFAC 2017. Emission factors calculated using EMFAC 2017 are expressed in units of grams per vehicle miles traveled (g/VMT) or grams per idle-hour (g/idle-hr), depending on the emission process. The emission processes and corresponding emission factor units associated with diesel particulate exhaust for this Project are presented below.

For this Project, annual average PM_{10} emission factors were generated by running EMFAC 2017 in EMFAC Mode for vehicles in the SCAQMD jurisdiction. The EMFAC Model generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of temperature, relative humidity, and vehicle speed. The

[2] Although the Project is required to comply with ARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions should be estimated for 15 minutes of truck idling (personal communication, in person, with Jillian Wong, December 22, 2016), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc.

model was run for speeds traveled in the vicinity of the Project. The vehicle travel speeds for each segment modeled are summarized below.

- Idling – on-site loading/unloading and truck gate
- 5 miles per hour – on-site vehicle movement including driving and maneuvering
- 25 miles per hour – off-site vehicle movement including driving and maneuvering.

Calculated emission factors are shown at Tables 2-1 and 2-2. As a conservative measure, a 2022 EMFAC 2017 run was conducted and a static 2022 emissions factor data set was used for the entire duration of analysis herein (e.g., 30 years). Use of 2022 emission factors would overstate potential impacts since this approach assumes that emission factors remain "static" and do not change over time due to fleet turnover or cleaner technology with lower emissions that would be incorporated into vehicles after 2022. Additionally, based on EMFAC 2017, Light-Heavy-Duty Trucks are comprised of 45.12% diesel, Medium-Heavy-Duty Trucks are comprised of 91.03% diesel, and Heavy-Heavy-Duty Trucks are comprised of 92.75% diesel. Trucks fueled by diesel are accounted for by these percentages accordingly in the emissions factor generation.

The vehicle DPM exhaust emissions were calculated for running exhaust emissions. The running exhaust emissions were calculated by applying the running exhaust PM10 emission factor (g/VMT) from EMFAC over the total distance traveled. The following equation was used to estimate off-site emissions for each of the different vehicle classes comprising the mobile sources (6):

$Emissions_{speedA}$ (g/s) = $EF_{RunExhaust}$ (g/VMT) * Distance (VMT/trip) * Number of Trips (trips/day) / seconds per day

Where:

$Emissions_{speedA}$ (g/s): Vehicle emissions at a given speed A;
$EF_{RunExhaust}$ (g/VMT): EMFAC running exhaust PM_{10} emission factor at speed A;
Distance (VMT/trip): Total distance traveled per trip.

Similar to off-site traffic, on-site vehicle running emissions were calculated by applying the running exhaust PM_{10} emission factor (g/VMT) from EMFAC and the total vehicle trip number over the length of the driving path using the same formula presented above for on-site emissions. In addition, on-site vehicle idling exhaust emissions were calculated by applying the idle exhaust PM_{10} emission factor (g/idle-hr) from EMFAC and the total truck trip over the total assumed idle time (15 minutes). The following equation was used to estimate the on-site vehicle idling emissions for each of the different vehicle classes (6):

$Emissions_{idle}$ (g/s) = EF_{idle} (g/hr) * Number of Trips (trips/day) * Idling Time (min/trip) * 60 minutes per hour / seconds per day

Where:

$Emissions_{idle}$ (g/s): Vehicle emissions during idling;
EF_{idle}(g/s): EMFAC idle exhaust PM_{10} emission factor.

On-site truck idling was estimated to occur as trucks enter and travel through the Project site. Although the Project's diesel-fueled truck and equipment operators will be required by State law to comply with CARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions be calculated assuming 15 minutes of truck idling (7), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc. As such, this analysis calculates truck idling at 15 minutes, consistent with SCAQMD's recommendation.

TABLE 2-1: 2022 WEIGHTED AVERAGE DPM EMISSIONS FACTORS - WAREHOUSE

Speed	Weighted Average
0 (idling)	0.0927 (g/idle-hr)
5	0.04247 (g/s)
25	0.01849 (g/s)

TABLE 2-2: 2022 WEIGHTED AVERAGE DPM EMISSIONS FACTORS - COLD STORAGE

Speed	Weighted Average
0 (idling)	0.1444 (g/idle-hr)
5	0.03961 (g/s)
25	0.01652 (g/s)

In order to account for the possibility of refrigerated uses, trucks associated with the cold-storage land use are assumed to also have TRUs. Therefore, for modeling purposes 81 total daily trucks (one-way) are assumed to be trucks with TRUs. TRUs are accounted for during on-site and off-site travel. The TRU calculations are based on the 2017 Off-road Emissions model, version 1.0.1 (Orion), developed by the CARB. Orion does not provide emission rates per hour or mile as with the on-road emission model and only provides emission inventories. Emission results are produced in tons per day while all activity, fuel consumption and horsepower hours were reported at annual levels. The emission inventory is based on specific assumptions including the average horsepower rating of specific types of equipment and the hours of operation annually. These assumptions are not always consistent with assumptions used in the modeling of project level emissions. Therefore, the emissions inventory was converted into emission rates to accurately calculate emissions from TRU operation associated with project level details. This was accomplished by converting the annual horsepower hours to daily operational characteristics and converting the daily emission levels into hourly emission rates based on the total emission of each criteria pollutant by equipment type and the average daily hours of operation. As such, DPM TRU emissions are calculated at 0.29 grams per hour for on-site idling and off-site travel.

Each roadway and related source location were modeled as multiple adjacent volume sources. Due to the large number of sources modeled for this analysis, the corresponding coordinates of each source are identified in the dispersion model input/output files presented in Appendix 2.1. The DPM emission rate for each volume source was calculated by dividing the source emission rate (g/second) as shown on Tables 2-3 and 2-4 by the number of volume sources representing the lateral extent of each link and/or roadway segment. The modeled truck travel routes included in the HRA are based on the truck trip distributions (inbound/outbound) available from the

Project's *TM* (4), and are illustrated on Exhibits 2-A and 2-B. The modeled truck routes are consistent with the trip distribution patterns identified in the Project's TA, and supported by substantial evidence, to determine the potential impacts to receptors in proximity of the proposed project and along the identified truck routes. As such, the modeling domain considered all identified roadway segments leading to and from Interstate 15 and Interstate 10 as well as inbound/outbound movements along 4th Street/San Bernardino Avenue and 6th Street. The modeled emissions for both on-road and on-site sources are illustrated on Exhibits 2-C and 2-D.

EXHIBIT 2-A: TRUCK TRAFFIC DISTRIBUTION (INBOUND)

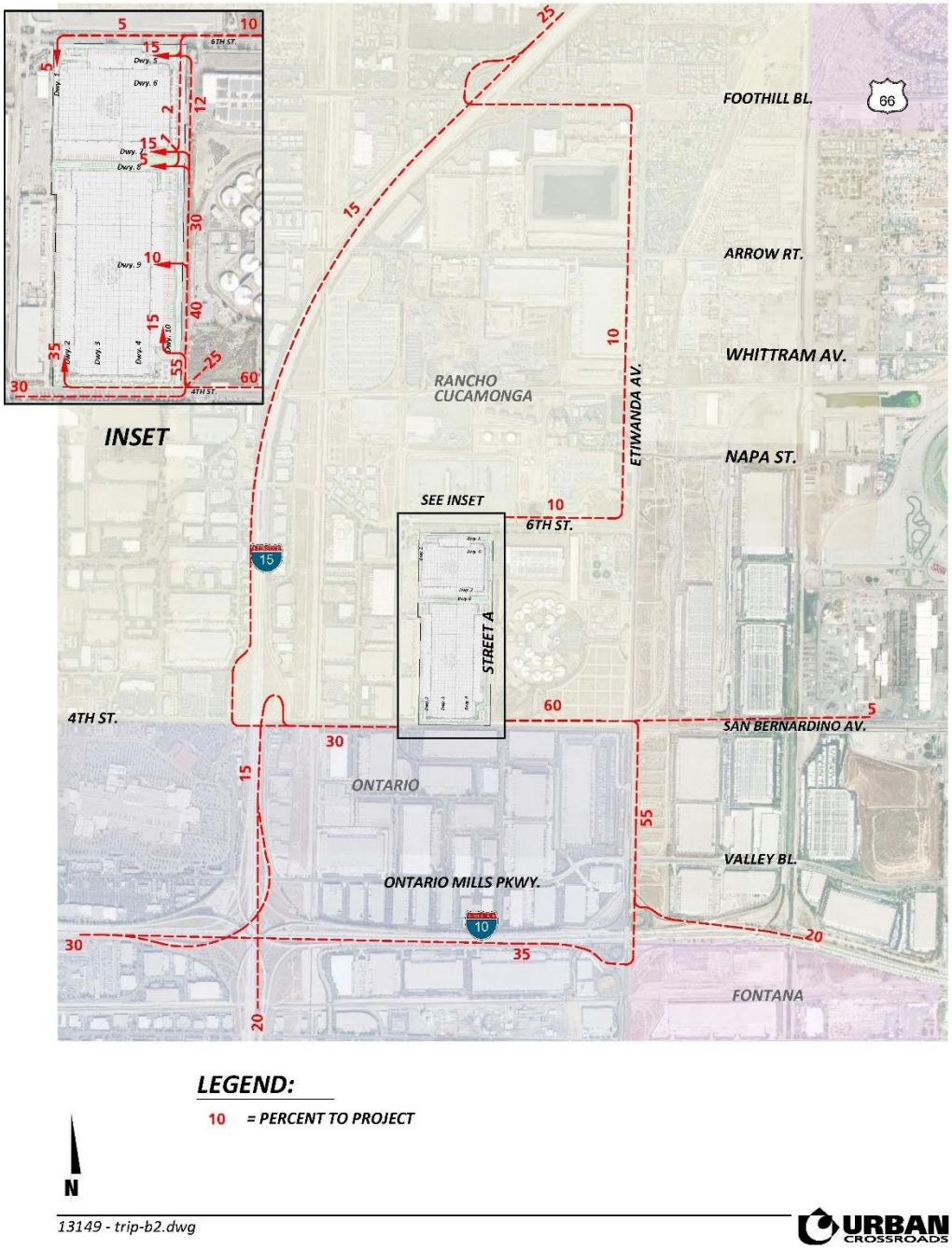


EXHIBIT 2-B: TRUCK TRAFFIC DISTRIBUTION (OUTBOUND)

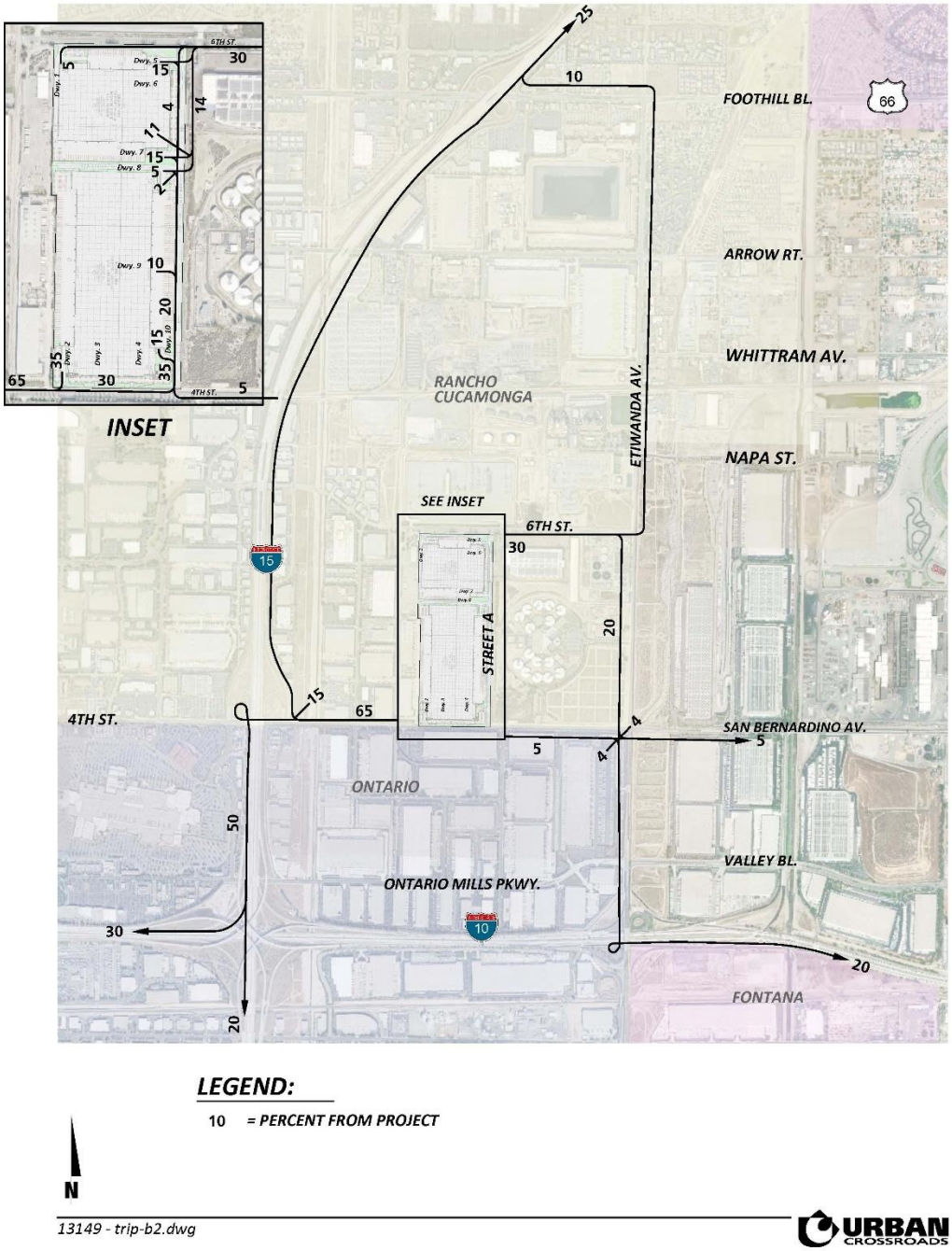
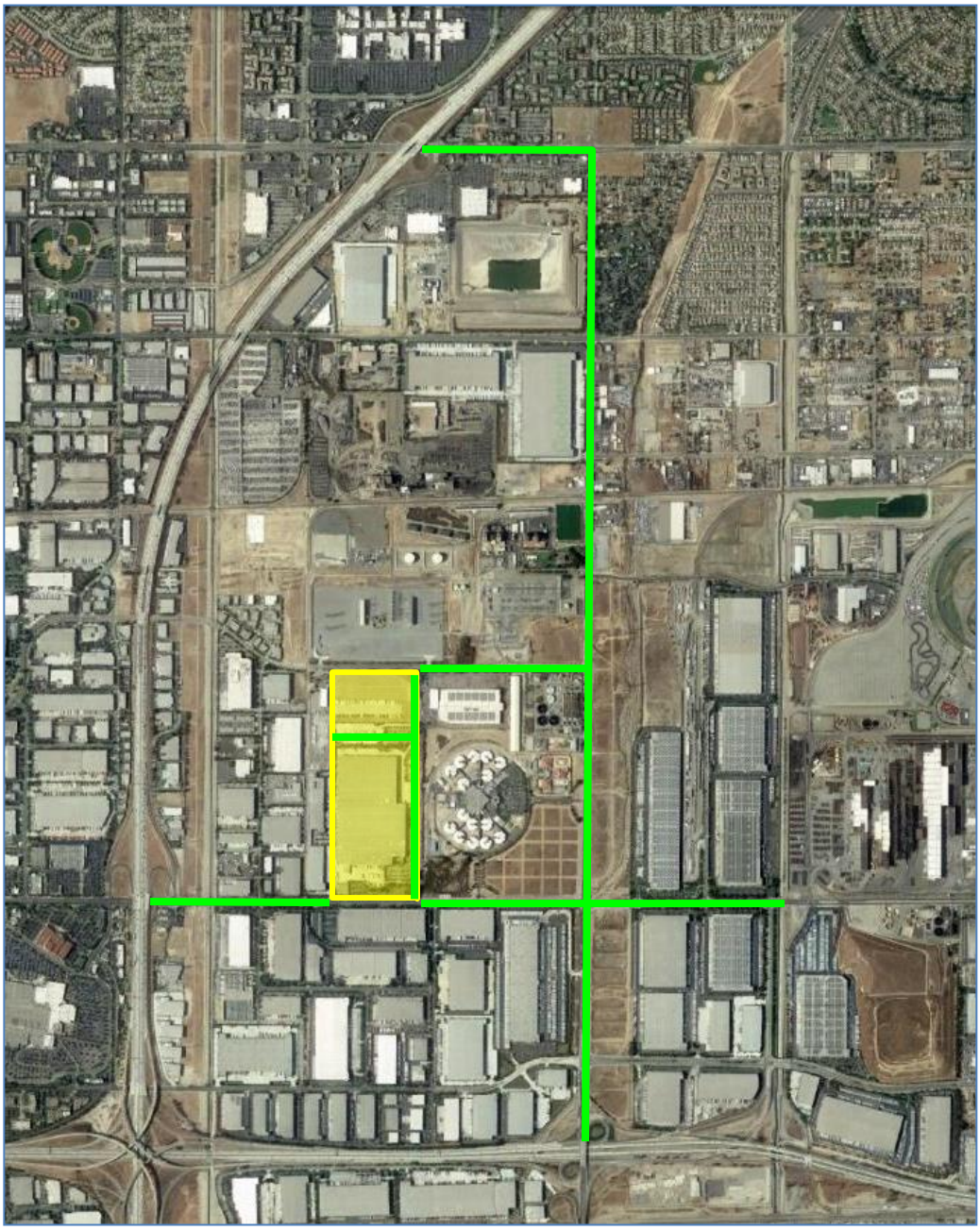


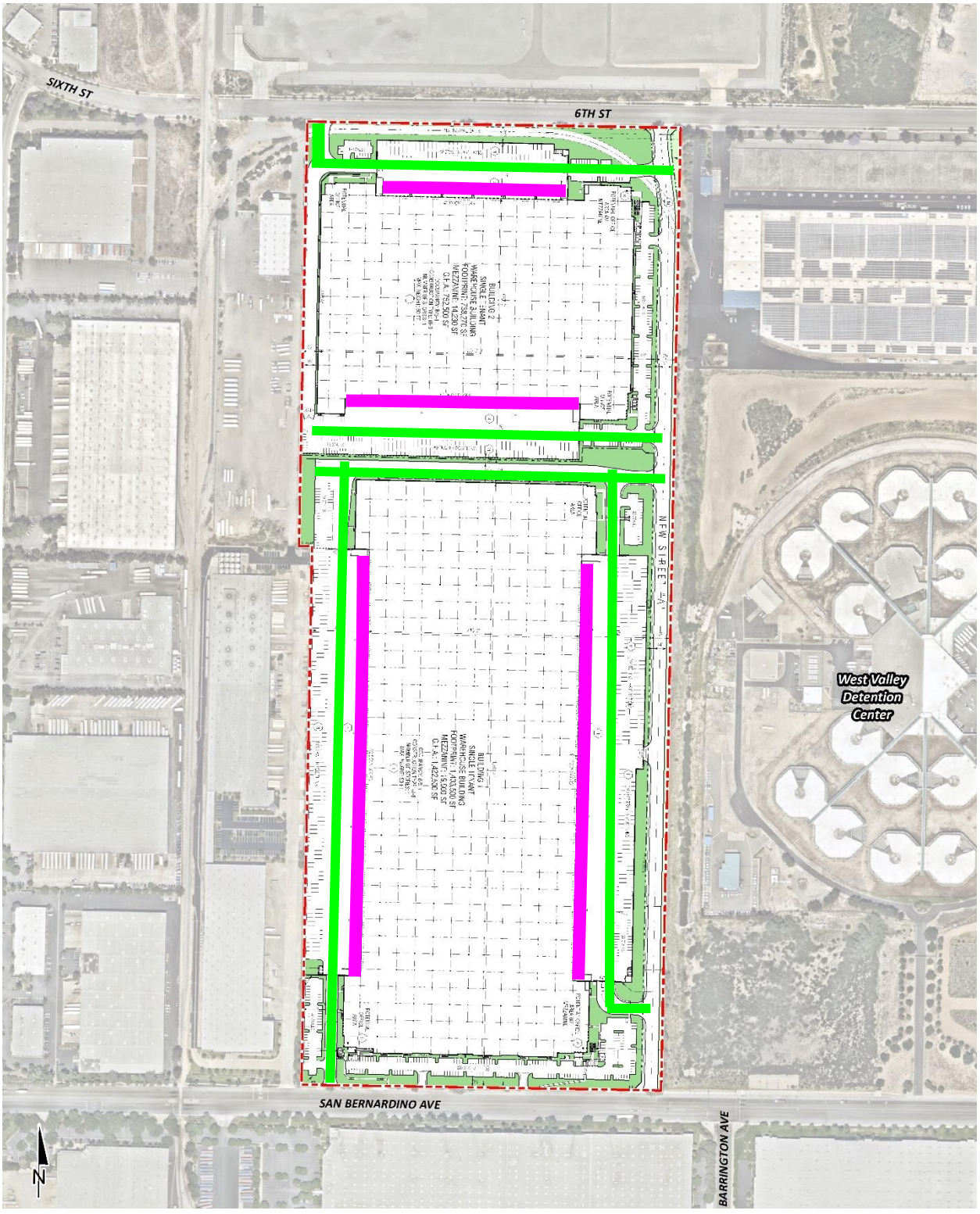
EXHIBIT 2-C: MODELED EMISSION SOURCES
ON-ROAD



LEGEND:

Off-Site Truck Travel

EXHIBIT 2-D: MODELED EMISSION SOURCES ON-SITE



LEGEND: ***On-Site Truck Travel*** ***On-Site Idling***

TABLE 2-3: DPM EMISSIONS FROM PROJECT TRUCKS (WAREHOUSE)

	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates [d] (g/second)
Onsite Idle A (Building 2 northern loading docks)	33			0.0928	0.76	8.785E-06
Onsite Idle B (Building 2 southern loading docks)	33			0.0928	0.76	8.785E-06
Onsite Idle C (Building 1 eastern loading docks)	61			0.0928	1.41	1.631E-05
Onsite Idle D (Building 1 western loading docks)	61			0.0928	1.41	1.631E-05
Onsite Travel (including Project truck traffic on Street A)	374	757.60	0.04248		32.18	3.725E-04
Foothill Blvd. East to Etiwanda Ave. from I-15 / 10% Inbound	19	9.06	0.01850		0.17	1.941E-06
Etiwanda Ave. South to 6th St. from Foothill Blvd. / 10% Inbound	19	25.80	0.01850		0.48	5.523E-06
6th St. West from Etiwanda Ave. / 10% Inbound	19	8.60	0.01850		0.16	1.841E-06
San Bernardino Ave. West to Etiwanda Avenue / 5% Inbound	9	4.74	0.01850		0.09	1.015E-06
4th St. West from Etiwanda Ave. 60% Inbound	112	53.54	0.01850		0.99	1.146E-05
Etiwanda Ave. North to 4th St. from I-10 / 55% Inbound	103	69.02	0.01850		1.28	1.478E-05
4th St. East from I-15 / 30% Inbound	56	27.61	0.01850		0.51	5.911E-06
Foothill Blvd. West from Etiwanda Ave. to I-15 / 10% Outbound	19	8.71	0.01850		0.16	1.866E-06
Etiwanda Ave. North from 6th St. to Foothill Blvd. / 10% Outbound	19	25.80	0.01850		0.48	5.523E-06
6th St. East to Etiwanda Ave. / 30% Outbound	56	25.80	0.01850		0.48	5.523E-06
Etiwanda Ave. South from 6th St. to I-10 / 20% Outbound	37	47.41	0.01850		0.88	1.015E-05
4th St. East to San Berardino Ave. / 5% Outbound	9	9.20	0.01850		0.17	1.970E-06
4th St. West to I15 / 65% Outbound	122	59.82	0.01850		1.11	1.281E-05

a Vehicle miles traveled are for modeled truck route only.

b Emission rates determined using EMFAC 2017. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

c This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes.

TABLE 2-4: DPM EMISSIONS FROM PROJECT TRUCKS (COLD STORAGE)

	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates [d] (g/second)
Onsite Idle A (Building 2 northern loading docks)	14			0.1444	2.57	2.977E-05
Onsite Idle B (Building 2 southern loading docks)	14			0.1444	2.57	2.977E-05
Onsite Idle C (Building 1 eastern loading docks)	26			0.1444	4.78	5.528E-05
Onsite Idle D (Building 1 western loading docks)	26			0.1444	4.78	5.528E-05
Onsite Travel (including Project truck traffic on Street A)	162	328.16	0.03961		16.86	1.951E-04
Foothill Blvd. East to Etiwanda Ave. from I-15 / 10% Inbound	8	3.93	0.01652		0.11	1.279E-06
Etiwanda Ave. South to 6th St. from Foothill Blvd. / 10% Inbound	8	11.17	0.01652		0.31	3.640E-06
6th St. West from Etiwanda Ave. / 10% Inbound	8	3.72	0.01652		0.10	1.213E-06
San Bernardino Ave. West to Etiwanda Avenue / 5% Inbound	4	2.05	0.01652		0.06	6.689E-07
4th St. West from Etiwanda Ave. 60% Inbound	49	23.19	0.01652		0.66	7.620E-06
Etiwanda Ave. North to 4th St. from I-10 / 55% Inbound	45	29.90	0.01652		0.85	9.830E-06
4th St. East from I-15 / 30% Inbound	24	11.96	0.01652		0.34	3.895E-06
Foothill Blvd. West from Etiwanda Ave. to I-15 / 10% Outbound	8	3.77	0.01652		0.11	1.230E-06
Etiwanda Ave. North from 6th St. to Foothill Blvd. / 10% Outbound	8	11.17	0.01652		0.31	3.640E-06
6th St. East to Etiwanda Ave. / 30% Outbound	24	11.17	0.01652		0.31	3.640E-06
Etiwanda Ave. South from 6th St. to I-10 / 20% Outbound	16	20.54	0.01652		0.58	6.689E-06
4th St. East to San Berardino Ave. / 5% Outbound	4	3.99	0.01652		0.11	1.298E-06
4th St. West to I-15 / 65% Outbound	53	25.91	0.01652		0.73	8.507E-06

a Vehicle miles traveled are for modeled truck route only.

b Emission rates determined using EMFAC 2017. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

c This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes.

d This column includes TRU emissions expressed in grams per hour. All TRUs are assumed to idle on-site for 30 minutes in addition to the off-site travel-related emissions.

2.3 EXPOSURE QUANTIFICATION

In order to assess the impact of project related emissions, air quality modeling utilizing the AMS/EPA Regulatory Model AERMOD was performed to assess the downwind extent of DPM emissions from both on-site and off-site mobile source activity. AERMOD is a steady-state Gaussian plume model applicable to directly emitted air pollutants that employs best state-of-practice parameterizations for characterizing meteorological influences and atmospheric dispersion. AERMOD is the U.S. EPA's guideline model for the assessment of near-field pollutant dispersion.

The model offers additional flexibility by allowing the user to assign initial vertical and lateral dispersion parameters for sources representative of a localized mobile fleet. For this assessment, the volume source algorithm was utilized to model the emissions generated from mobile source activity. On-road vertical (sigma z) dispersion parameters were developed for each source location by approximating mixing zone residence time and quantifying the initial vertical term as performed in the California Line Source Dispersion Model Caline3 (11). The horizontal (sigma y) parameters were generated by dividing the source separation distance by a standard deviation of 2.15. For on-site sources, vertical (sigma z) dispersion parameters and source release heights were based upon the *Risk Characterization Scenarios* published by CARB for the *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel- Fueled Engines and Vehicles*.(12). Additional model settings, as recommended by SCAQMD, were utilized in the analysis and are presented in Table 2-5 (13).

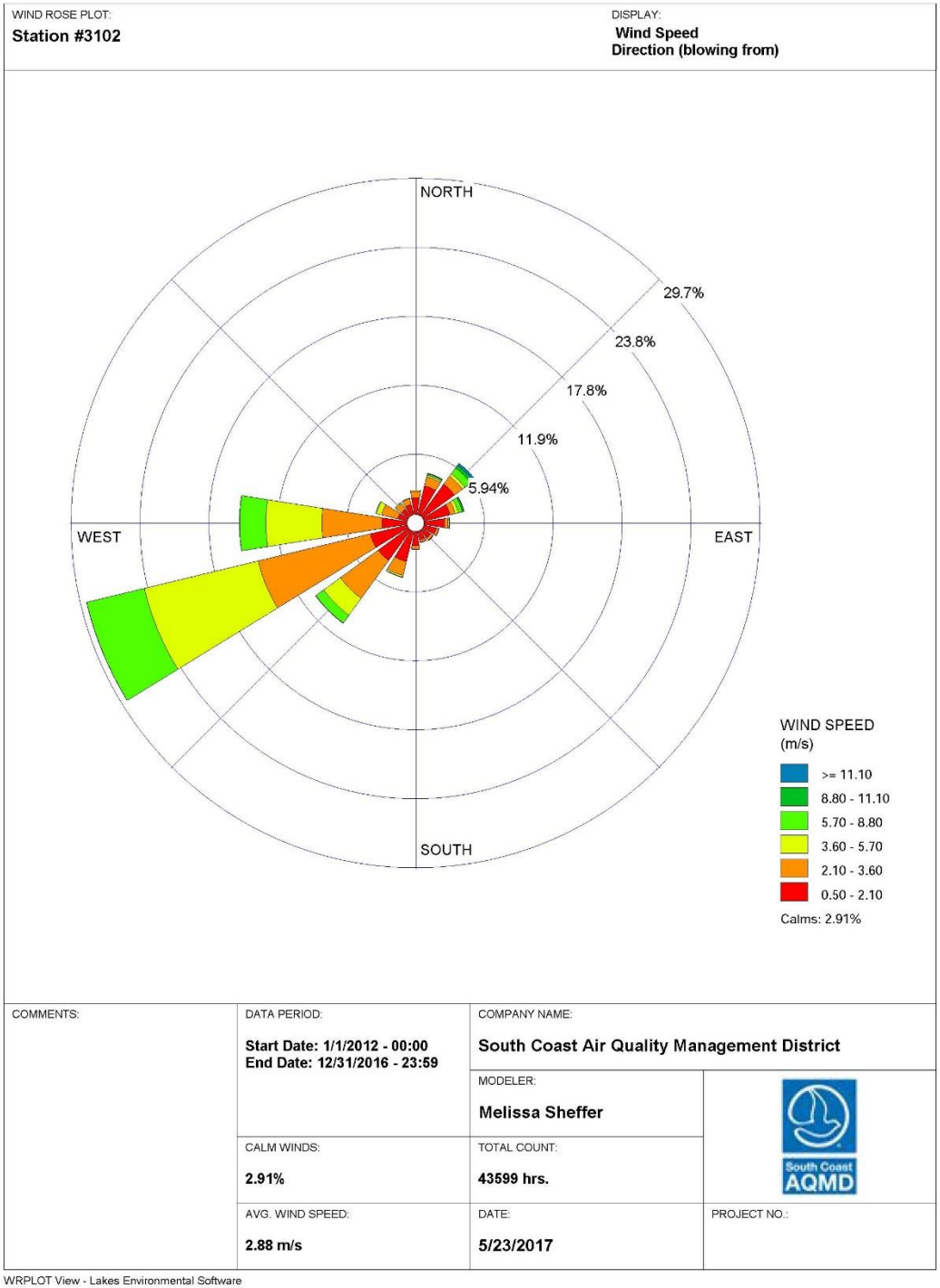
TABLE 2-5: AERMOD MODEL PARAMETERS

Dispersion Coefficient (Urban/Rural)	Urban (Population 2,035,210)
Terrain (Flat/Elevated)	Elevated (Regulatory Default)
Averaging Time	1 year (5-year Meteorological Data Set)
Receptor Height	0 meters (Regulatory Default)

Air dispersion models require additional input parameters including pollutant emission data and local meteorology. Due to the their sensitivity to individual meteorological parameters such as wind speed and direction, the U.S. EPA recommends that meteorological data used as input into dispersion models be selected on the basis of relative spatial and temporal conditions that exist in the area of concern. In response to this recommendation, meteorological data from the SCAQMD Ontario Airport (KONT) monitoring station was used to represent local weather conditions and prevailing winds (10). A wind rose exhibit of the Ontario Airport monitoring station is provided in Exhibit 2-C.

Universal Transverse Mercator (UTM) coordinates for World Geodetic System (WGS) 84 were used to locate the Project site boundaries, volume source and receptor locations within the vicinity of the Project site. The AERMOD dispersion model input/output files for the proposed Project are presented in Appendix 2.1.

EXHIBIT 2-E: WIND ROSE (SRA 34)



Receptors were placed at structure locations for residential, worker and school-based properties representing the preponderance of time individuals spend within a given residence, occupational and/or institutional setting. Impacts to residents or workers located further away from the Project site than the modeled receptors would have a lesser impact than what has already been disclosed in the HRA at the MEIR, MEIW and MEISC. SCAQMD guidance does not require assessment of the potential health risk to on-site workers. Excerpts from the document OEHHA Air Toxics Hot Spots Program Risk Assessment Guidelines—The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2015), also indicate that on-site workers are protected by CalOSHA and are typically not evaluated unless they reside within a given facility. The proposed Project does not offer this amenity (on-site residence); therefore, on-site worker exposures were not considered.

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the 2015 OEHHA Guidelines. Tables 2-6 through 2-8 summarize the Exposure Parameters for residents, offsite workers and school-based occupancies. Appendix 2.2 includes the detailed risk calculation.

TABLE 2-6: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (30 YEAR RESIDENTIAL)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
-0.25 to 0	361	10	0.25	0.85	350	24
0 to 2	1090	10	2	0.85	350	24
2 to 16	745	3	14	0.72	350	24
16 to 30	335	1	14	0.73	350	24

TABLE 2-7: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (25 YEAR WORKER)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Exposure Frequency (days/year)	Exposure Time (hours/day)
16 to 41	230	1	25	250	12

TABLE 2-8: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (SCHOOL OCCUPANCY)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Exposure Frequency (days/year)	Exposure Time (hours/day)
2 to 16	745	3	10	180	8

2.4 CARCINOGENIC CHEMICAL RISK

The SCAQMD CEQA Air Quality Handbook (1993) states that emissions of toxic air contaminants (TACs) are considered significant if a HRA shows an increased risk of greater than 10 in one million. Based on guidance from the SCAQMD in the document Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2), for purposes of this analysis, 10 in one million is used as the cancer risk threshold for the proposed Project.

Excess cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over a lifetime as a direct result of exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a unitless probability. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). A risk level of 10 in one million implies a likelihood that up to 10 people, out of one million equally exposed people would contract cancer if exposed continuously to the levels of toxic air contaminants over a specified duration of time. As an example, the risk of dying from accidental drowning is 1,000 in a million which is 100 times more than the SCAQMD's threshold of 10 in one million. The nearest comparison to 10 in one million is the 7 in one million lifetime chance that an individual would be struck by lightning.

Guidance from CARB and the California Environmental Protection Agency, OEHHA recommends a refinement to the standard point estimate approach when alternate human body weights and breathing rates are utilized 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. Once determined, contaminant dose is multiplied by the cancer potency factor (CPF) in units of inverse dose expressed in milligrams per kilogram per day (mg/kg/day)-1 to derive the cancer risk estimate. Therefore, to assess exposures, the following dose algorithm was utilized.

$$DOSEair = (Cair \times [BR/BW] \times A \times EF) \times (1 \times 10^{-6})$$

Where:

DOSEair	=	chronic daily intake (mg/kg/day)
Cair	=	concentration of contaminant in air (ug/m3)
[BR/BW]	=	daily breathing rate normalized to body weight (L/kg BW-day)
A	=	inhalation absorption factor
EF	=	exposure frequency (days/365 days)
BW	=	body weight (kg)
1 x 10 -6	=	conversion factors (ug to mg, L to m3)
RISKair	=	DOSEair x CPF x ED/AT

Where:

DOSEair	=	chronic daily intake (mg/kg/day)

CPF	=	cancer potency factor
ED	=	number of years within particular age group
AT	=	averaging time

2.5 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncarcinogenic effects of chronic exposures was also conducted. Adverse health effects are evaluated by comparing a compound's annual concentration with its toxicity factor or Reference Exposure Level (REL). The REL for DPM was obtained from OEHHA for this analysis. The chronic REL for DPM was established by OEHHA as 5 $\mu g/m^3$ (15).

The non-cancer hazard index was calculated (consistent with SCAQMD methodology) as follows:

The relationship for the non-cancer health effects of DPM is given by the following equation:

$$HI_{DPM} = C_{DPM}/REL_{DPM}$$

Where:

HI_{DPM}	=	Hazard Index; an expression of the potential for non-cancer health effects.
C_{DPM}	=	Annual average DPM concentration ($\mu g/m^3$).
REL_{DPM}	=	Reference exposure level (REL) for DPM; the DPM concentration at which no adverse health effects are anticipated.

Based on guidance from SCAQMD, when the HI is less than or equal to 1.0, the chronic REL has not been exceeded and no adverse chronic non-carcinogenic health effects would occur. As such, the applicable threshold for non-carcinogenic exposures is 1.0.

2.6 POTENTIAL PROJECT-RELATED DPM SOURCE CANCER AND NON-CANCER RISKS

Individual Exposure Scenario:

The residential land use with the greatest potential exposure to Project DPM source emissions is located immediately east of Etiwanda Avenue between Arrow Route and Foothill Boulevard; Etiwanda Avenue is a designated truck route. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project DPM source emissions is estimated at 0.58 in one million, which is less than the South Coast Air Quality Management District's (SCAQMD's) significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project is 0.00018 and does not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent residences. The nearest modeled receptors are illustrated on Exhibit 2-F. It should be noted that the West Valley Detention Center was considered but did not meet the criteria for a residential occupancy since the West Valley Detention Center is a facility where an individual could remain for a short-term period (not years), and since the HRA impacts for a residential occupancy are based on a 30-year exposure duration.

Worker Exposure Scenario:

The worker receptor land use with the greatest potential exposure to Project DPM source emissions is the West Valley Detention Center located approximately 364 feet east of the Project site at 9500 Etiwanda Avenue[3]. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact at this location is 0.98 in one million, which is less than the SCAQMD's threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project is 0.0026 and does not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The nearest modeled receptors are illustrated on Exhibit 2-F.

School Child Exposure Scenario:

The school site land use with the greatest potential exposure to Project DPM source emissions is at the Sacred Heart Parish School located approximately 1.5 miles (7,900 feet) north of the Project site, and adjacent to Foothill Boulevard, a designated truck route. At the maximally exposed individual school child (MEISC), the maximum incremental cancer risk impact attributable to the Project at this location is calculated to be an estimated 0.04 in one million which is less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project is 0.00005 and does not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to nearby school children. The nearest modeled receptors are illustrated on Exhibit 2-F.

3 Although there may be other worker receptors located nearer in terms of physical distance to the Project site, this location is the maximally impacted based on local meteorological conditions.

Cumulative Impacts:

Consistent with SCAQMD guidance, since the Project does not exceed the applicable health risk thresholds and results in a significant impact on an individual basis, the Project would not be considered to be cumulatively significant and a less than significant cumulative health risk impact would occur.

EXHIBIT 2-F: MODELED RECEPTORS

LEGEND:

- 1 *Residential Receptor*
- 1 *Worker Receptor*
- 1 *School Receptor*

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3 REFERENCES

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8. **Environmental Protection Agency.** User's Guide for the AMS/EPA Regulatory Model (AERMOD). [Online] 2019. https://www3.epa.gov/ttn/scram/models/aermod/aermod_userguide.pdf.
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13. **South Coast AQMD Modeling Guidance for AERMOD**. [Online] [Cited: September 18, 2019.] http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance.
14. **Office of Environmental Health Hazard Assessment**, 2015. *Air Toxic Hot Spots Program Risk Assessment Guidelines. Guidance Manual for Preparation of Health Risk Assessments*.
15. **Office of Environmental Health Hazard Assessment**, 2020. Toxicity Criteria Database. http://www.oehha.org/risk/chemicaldb/index.asp).

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4 CERTIFICATION

The contents of this health risk assessment represent an accurate depiction of the impacts to sensitive receptors associated with the proposed Bridge Point Rancho Cucamonga Project. The information contained in this health risk assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me directly at hqureshi@urbanxroads.com.

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EDUCATION

Master of Science in Environmental Studies
California State University, Fullerton • May 2010

Bachelor of Arts in Environmental Analysis and Design
University of California, Irvine • June 2006

PROFESSIONAL AFFILIATIONS

AEP – Association of Environmental Planners
AWMA – Air and Waste Management Association
ASTM – American Society for Testing and Materials

PROFESSIONAL CERTIFICATIONS

Environmental Site Assessment – American Society for Testing and Materials • June 2013
Planned Communities and Urban Infill – Urban Land Institute • June 2011
Indoor Air Quality and Industrial Hygiene – EMSL Analytical • April 2008
Principles of Ambient Air Monitoring – California Air Resources Board • August 2007
AB2588 Regulatory Standards – Trinity Consultants • November 2006
Air Dispersion Modeling – Lakes Environmental • June 2006

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APPENDIX 2.1:

AERMOD MODEL INPUT/OUTPUT

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** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 12/21/2020
** FILE: C:\LAKES\AERMOD VIEW\13353 HRA (REV)\13353 HRA.ADI
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** AERMOD CONTROL PATHWAY
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   TITLETWO DIESEL PARTICULATE MATTER (DPM)
   MODELOPT DFAULT CONC NODRYDPLT NOWETDPLT
   AVERTIME ANNUAL
   URBANOPT 2035210 SAN_BERNARDINO
   POLLUTID OTHER
   RUNORNOT RUN
CO FINISHED
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** AERMOD SOURCE PATHWAY
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** SOURCE ID - TYPE - X COORD. - Y COORD. **
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LOCATION T_59         VOLUME     450734.000  3771805.000      332.500
LOCATION T_60         VOLUME     450714.000  3771805.000      332.500
LOCATION T_61         VOLUME     450694.000  3771805.000      332.500
LOCATION T_62         VOLUME     450674.000  3771805.000      332.500
LOCATION T_63         VOLUME     450654.000  3771805.000      332.500
LOCATION T_64         VOLUME     450634.000  3771805.000      332.500
LOCATION T_65         VOLUME     450614.000  3771805.000      332.500
LOCATION T_66         VOLUME     450594.000  3771805.000      332.500
LOCATION T_67         VOLUME     450574.000  3771805.000      332.500
LOCATION T_68         VOLUME     450594.000  3771845.000      333.000
LOCATION T_69         VOLUME     450594.000  3771825.000      332.700
LOCATION T_70         VOLUME     450914.000  3771545.000      329.000
LOCATION T_71         VOLUME     450894.000  3771545.000      329.000
LOCATION T_72         VOLUME     450874.000  3771545.000      329.000
LOCATION T_73         VOLUME     450854.000  3771545.000      329.000
LOCATION T_74         VOLUME     450834.000  3771545.000      329.000
LOCATION T_75         VOLUME     450814.000  3771545.000      329.000
LOCATION T_76         VOLUME     450794.000  3771545.000      329.000
LOCATION T_77         VOLUME     450774.000  3771545.000      329.000
LOCATION T_78         VOLUME     450754.000  3771545.000      329.000
LOCATION T_79         VOLUME     450734.000  3771545.000      329.000
LOCATION T_80         VOLUME     450714.000  3771545.000      329.000
LOCATION T_81         VOLUME     450694.000  3771545.000      329.000
LOCATION T_82         VOLUME     450674.000  3771545.000      329.000
LOCATION T_83         VOLUME     450654.000  3771545.000      329.000
LOCATION T_84         VOLUME     450634.000  3771545.000      329.000
LOCATION T_85         VOLUME     450614.000  3771545.000      329.000
LOCATION T_86         VOLUME     450594.000  3771545.000      329.000
LOCATION T_87         VOLUME     450574.000  3771545.000      329.000
LOCATION T_88         VOLUME     450914.000  3771505.000      328.500
LOCATION T_89         VOLUME     450894.000  3771505.000      328.500
LOCATION T_90         VOLUME     450874.000  3771505.000      328.500
LOCATION T_91         VOLUME     450854.000  3771505.000      328.500
LOCATION T_92         VOLUME     450834.000  3771505.000      328.500
LOCATION T_93         VOLUME     450814.000  3771505.000      328.500
LOCATION T_94         VOLUME     450794.000  3771505.000      328.500
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LOCATION T_95	VOLUME	450774.000	3771505.000	328.500
LOCATION T_96	VOLUME	450754.000	3771505.000	328.500
LOCATION T_97	VOLUME	450734.000	3771505.000	328.500
LOCATION T_98	VOLUME	450714.000	3771505.000	328.500
LOCATION T_99	VOLUME	450694.000	3771505.000	328.500
LOCATION T_100	VOLUME	450674.000	3771505.000	328.500
LOCATION T_101	VOLUME	450654.000	3771505.000	328.500
LOCATION T_102	VOLUME	450634.000	3771505.000	328.500
LOCATION T_103	VOLUME	450614.000	3771505.000	328.500
LOCATION T_104	VOLUME	450894.000	3771485.000	328.200
LOCATION T_105	VOLUME	450894.000	3771465.000	327.900
LOCATION T_106	VOLUME	450894.000	3771445.000	327.700
LOCATION T_107	VOLUME	450894.000	3771425.000	327.400
LOCATION T_108	VOLUME	450894.000	3771405.000	327.100
LOCATION T_109	VOLUME	450894.000	3771385.000	326.900
LOCATION T_110	VOLUME	450894.000	3771365.000	326.600
LOCATION T_111	VOLUME	450894.000	3771345.000	326.300
LOCATION T_112	VOLUME	450894.000	3771325.000	326.100
LOCATION T_113	VOLUME	450894.000	3771305.000	325.800
LOCATION T_114	VOLUME	450894.000	3771285.000	325.500
LOCATION T_115	VOLUME	450894.000	3771265.000	325.300
LOCATION T_116	VOLUME	450894.000	3771245.000	325.000
LOCATION T_117	VOLUME	450894.000	3771225.000	324.700
LOCATION T_118	VOLUME	450894.000	3771205.000	324.500
LOCATION T_119	VOLUME	450894.000	3771185.000	324.200
LOCATION T_120	VOLUME	450894.000	3771165.000	323.900
LOCATION T_121	VOLUME	450894.000	3771145.000	323.700
LOCATION T_122	VOLUME	450894.000	3771125.000	323.400
LOCATION T_123	VOLUME	450894.000	3771105.000	323.100
LOCATION T_124	VOLUME	450894.000	3771085.000	322.900
LOCATION T_125	VOLUME	450894.000	3771065.000	322.600
LOCATION T_126	VOLUME	450894.000	3771045.000	322.300
LOCATION T_127	VOLUME	450894.000	3771025.000	322.100
LOCATION T_128	VOLUME	450894.000	3771005.000	321.800
LOCATION T_129	VOLUME	450894.000	3770985.000	321.500
LOCATION T_130	VOLUME	450894.000	3770965.000	321.300
LOCATION T_131	VOLUME	450894.000	3770945.000	321.000
LOCATION T_132	VOLUME	450914.000	3770945.000	321.000
LOCATION T_133	VOLUME	450614.000	3771485.000	328.200
LOCATION T_134	VOLUME	450614.000	3771465.000	327.900
LOCATION T_135	VOLUME	450614.000	3771445.000	327.700
LOCATION T_136	VOLUME	450614.000	3771425.000	327.400
LOCATION T_137	VOLUME	450614.000	3771405.000	327.100
LOCATION T_138	VOLUME	450614.000	3771385.000	326.900
LOCATION T_139	VOLUME	450614.000	3771365.000	326.600
LOCATION T_140	VOLUME	450614.000	3771345.000	326.300
LOCATION T_141	VOLUME	450614.000	3771325.000	326.100
LOCATION T_142	VOLUME	450614.000	3771305.000	325.800
LOCATION T_143	VOLUME	450614.000	3771285.000	325.500
LOCATION T_144	VOLUME	450614.000	3771265.000	325.300

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LOCATION T_145        VOLUME     450614.000  3771245.000      325.000
LOCATION T_146        VOLUME     450614.000  3771225.000      324.700
LOCATION T_147        VOLUME     450614.000  3771205.000      324.500
LOCATION T_148        VOLUME     450614.000  3771185.000      324.200
LOCATION T_149        VOLUME     450614.000  3771165.000      323.900
LOCATION T_150        VOLUME     450614.000  3771145.000      323.700
LOCATION T_151        VOLUME     450614.000  3771125.000      323.400
LOCATION T_152        VOLUME     450614.000  3771105.000      323.100
LOCATION T_153        VOLUME     450614.000  3771085.000      322.900
LOCATION T_154        VOLUME     450614.000  3771065.000      322.600
LOCATION T_155        VOLUME     450614.000  3771045.000      322.300
LOCATION T_156        VOLUME     450614.000  3771025.000      322.100
LOCATION T_157        VOLUME     450614.000  3771005.000      321.800
LOCATION T_158        VOLUME     450614.000  3770985.000      321.500
LOCATION T_159        VOLUME     450614.000  3770965.000      321.300
LOCATION T_160        VOLUME     450614.000  3770945.000      321.000
LOCATION T_161        VOLUME     450614.000  3770925.000      320.700
LOCATION T_162        VOLUME     450614.000  3770905.000      320.500
LOCATION T_163        VOLUME     450614.000  3770885.000      320.200
LOCATION FH_E_I15_1   VOLUME     450947.000  3774062.000      369.000
LOCATION FH_E_I15_2   VOLUME     450977.000  3774062.000      368.900
LOCATION FH_E_I15_3   VOLUME     451007.000  3774062.000      368.800
LOCATION FH_E_I15_4   VOLUME     451037.000  3774062.000      368.600
LOCATION FH_E_I15_5   VOLUME     451067.000  3774062.000      368.500
LOCATION FH_E_I15_6   VOLUME     451097.000  3774062.000      368.400
LOCATION FH_E_I15_7   VOLUME     451127.000  3774062.000      368.300
LOCATION FH_E_I15_8   VOLUME     451157.000  3774062.000      368.200
LOCATION FH_E_I15_9   VOLUME     451187.000  3774062.000      368.000
LOCATION FH_E_I15_10  VOLUME     451217.000  3774062.000      367.900
LOCATION FH_E_I15_11  VOLUME     451247.000  3774062.000      367.800
LOCATION FH_E_I15_12  VOLUME     451277.000  3774062.000      367.700
LOCATION FH_E_I15_13  VOLUME     451307.000  3774062.000      367.600
LOCATION FH_E_I15_14  VOLUME     451337.000  3774062.000      367.400
LOCATION FH_E_I15_15  VOLUME     451367.000  3774062.000      367.300
LOCATION FH_E_I15_16  VOLUME     451397.000  3774062.000      367.200
LOCATION FH_E_I15_17  VOLUME     451427.000  3774062.000      367.100
LOCATION FH_E_I15_18  VOLUME     451457.000  3774062.000      367.000
LOCATION FH_E_I15_19  VOLUME     451487.000  3774062.000      366.800
LOCATION FH_E_I15_20  VOLUME     451517.000  3774062.000      366.700
LOCATION FH_E_I15_21  VOLUME     451547.000  3774062.000      366.600
LOCATION FH_E_I15_22  VOLUME     451577.000  3774062.000      366.500
LOCATION FH_E_I15_23  VOLUME     451607.000  3774062.000      366.400
LOCATION FH_E_I15_24  VOLUME     451637.000  3774062.000      366.200
LOCATION FH_E_I15_25  VOLUME     451667.000  3774062.000      366.100
LOCATION FH_E_I15_26  VOLUME     451697.000  3774062.000      366.000
LOCATION E_S_FH_1     VOLUME     451688.000  3774045.000      366.000
LOCATION E_S_FH_2     VOLUME     451688.000  3774025.000      365.700
LOCATION E_S_FH_3     VOLUME     451688.000  3774005.000      365.400
LOCATION E_S_FH_4     VOLUME     451688.000  3773985.000      365.100
LOCATION E_S_FH_5     VOLUME     451688.000  3773965.000      364.800
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LOCATION E_S_FH_6     VOLUME     451688.000  3773945.000      364.500
LOCATION E_S_FH_7     VOLUME     451688.000  3773925.000      364.200
LOCATION E_S_FH_8     VOLUME     451688.000  3773905.000      363.900
LOCATION E_S_FH_9     VOLUME     451688.000  3773885.000      363.600
LOCATION E_S_FH_10    VOLUME     451688.000  3773865.000      363.300
LOCATION E_S_FH_11    VOLUME     451688.000  3773845.000      363.000
LOCATION E_S_FH_12    VOLUME     451688.000  3773825.000      362.700
LOCATION E_S_FH_13    VOLUME     451688.000  3773805.000      362.400
LOCATION E_S_FH_14    VOLUME     451688.000  3773785.000      362.100
LOCATION E_S_FH_15    VOLUME     451688.000  3773765.000      361.800
LOCATION E_S_FH_16    VOLUME     451688.000  3773745.000      361.500
LOCATION E_S_FH_17    VOLUME     451688.000  3773725.000      361.200
LOCATION E_S_FH_18    VOLUME     451688.000  3773705.000      360.900
LOCATION E_S_FH_19    VOLUME     451688.000  3773685.000      360.600
LOCATION E_S_FH_20    VOLUME     451688.000  3773665.000      360.300
LOCATION E_S_FH_21    VOLUME     451688.000  3773645.000      360.000
LOCATION E_S_FH_22    VOLUME     451688.000  3773625.000      359.700
LOCATION E_S_FH_23    VOLUME     451688.000  3773605.000      359.400
LOCATION E_S_FH_24    VOLUME     451688.000  3773585.000      359.100
LOCATION E_S_FH_25    VOLUME     451688.000  3773565.000      358.800
LOCATION E_S_FH_26    VOLUME     451688.000  3773545.000      358.500
LOCATION E_S_FH_27    VOLUME     451688.000  3773525.000      358.200
LOCATION E_S_FH_28    VOLUME     451688.000  3773505.000      357.900
LOCATION E_S_FH_29    VOLUME     451688.000  3773485.000      357.600
LOCATION E_S_FH_30    VOLUME     451688.000  3773465.000      357.300
LOCATION E_S_FH_31    VOLUME     451688.000  3773445.000      357.000
LOCATION E_S_FH_32    VOLUME     451688.000  3773425.000      356.700
LOCATION E_S_FH_33    VOLUME     451688.000  3773405.000      356.400
LOCATION E_S_FH_34    VOLUME     451688.000  3773385.000      356.100
LOCATION E_S_FH_35    VOLUME     451688.000  3773365.000      355.800
LOCATION E_S_FH_36    VOLUME     451688.000  3773345.000      355.500
LOCATION E_S_FH_37    VOLUME     451688.000  3773325.000      355.200
LOCATION E_S_FH_38    VOLUME     451688.000  3773305.000      354.900
LOCATION E_S_FH_39    VOLUME     451688.000  3773285.000      354.600
LOCATION E_S_FH_40    VOLUME     451688.000  3773265.000      354.300
LOCATION E_S_FH_41    VOLUME     451688.000  3773245.000      354.000
LOCATION E_S_FH_42    VOLUME     451688.000  3773225.000      353.700
LOCATION E_S_FH_43    VOLUME     451688.000  3773205.000      353.400
LOCATION E_S_FH_44    VOLUME     451688.000  3773185.000      353.100
LOCATION E_S_FH_45    VOLUME     451688.000  3773165.000      352.800
LOCATION E_S_FH_46    VOLUME     451688.000  3773145.000      352.500
LOCATION E_S_FH_47    VOLUME     451688.000  3773125.000      352.200
LOCATION E_S_FH_48    VOLUME     451688.000  3773105.000      351.900
LOCATION E_S_FH_49    VOLUME     451688.000  3773085.000      351.600
LOCATION E_S_FH_50    VOLUME     451688.000  3773065.000      351.300
LOCATION E_S_FH_51    VOLUME     451688.000  3773045.000      351.000
LOCATION E_S_FH_52    VOLUME     451688.000  3773025.000      350.700
LOCATION E_S_FH_53    VOLUME     451688.000  3773005.000      350.400
LOCATION E_S_FH_54    VOLUME     451688.000  3772985.000      350.100
LOCATION E_S_FH_55    VOLUME     451688.000  3772965.000      349.800
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LOCATION E_S_FH_56    VOLUME     451688.000  3772945.000      349.500
LOCATION E_S_FH_57    VOLUME     451688.000  3772925.000      349.200
LOCATION E_S_FH_58    VOLUME     451688.000  3772905.000      348.900
LOCATION E_S_FH_59    VOLUME     451688.000  3772885.000      348.600
LOCATION E_S_FH_60    VOLUME     451688.000  3772865.000      348.300
LOCATION E_S_FH_61    VOLUME     451688.000  3772845.000      348.000
LOCATION E_S_FH_62    VOLUME     451688.000  3772825.000      347.700
LOCATION E_S_FH_63    VOLUME     451688.000  3772805.000      347.400
LOCATION E_S_FH_64    VOLUME     451688.000  3772785.000      347.100
LOCATION E_S_FH_65    VOLUME     451688.000  3772765.000      346.800
LOCATION E_S_FH_66    VOLUME     451688.000  3772745.000      346.500
LOCATION E_S_FH_67    VOLUME     451688.000  3772725.000      346.200
LOCATION E_S_FH_68    VOLUME     451688.000  3772705.000      345.900
LOCATION E_S_FH_69    VOLUME     451688.000  3772685.000      345.600
LOCATION E_S_FH_70    VOLUME     451688.000  3772665.000      345.300
LOCATION E_S_FH_71    VOLUME     451688.000  3772645.000      345.000
LOCATION E_S_FH_72    VOLUME     451688.000  3772625.000      344.700
LOCATION E_S_FH_73    VOLUME     451688.000  3772605.000      344.400
LOCATION E_S_FH_74    VOLUME     451688.000  3772585.000      344.100
LOCATION E_S_FH_75    VOLUME     451688.000  3772565.000      343.800
LOCATION E_S_FH_76    VOLUME     451688.000  3772545.000      343.500
LOCATION E_S_FH_77    VOLUME     451688.000  3772525.000      343.200
LOCATION E_S_FH_78    VOLUME     451688.000  3772505.000      342.900
LOCATION E_S_FH_79    VOLUME     451688.000  3772485.000      342.600
LOCATION E_S_FH_80    VOLUME     451688.000  3772465.000      342.300
LOCATION E_S_FH_81    VOLUME     451688.000  3772445.000      342.000
LOCATION E_S_FH_82    VOLUME     451688.000  3772425.000      341.700
LOCATION E_S_FH_83    VOLUME     451688.000  3772405.000      341.400
LOCATION E_S_FH_84    VOLUME     451688.000  3772385.000      341.100
LOCATION E_S_FH_85    VOLUME     451688.000  3772365.000      340.800
LOCATION E_S_FH_86    VOLUME     451688.000  3772345.000      340.500
LOCATION E_S_FH_87    VOLUME     451688.000  3772325.000      340.200
LOCATION E_S_FH_88    VOLUME     451688.000  3772305.000      339.900
LOCATION E_S_FH_89    VOLUME     451688.000  3772285.000      339.600
LOCATION E_S_FH_90    VOLUME     451688.000  3772265.000      339.300
LOCATION E_S_FH_91    VOLUME     451688.000  3772245.000      339.000
LOCATION E_S_FH_92    VOLUME     451688.000  3772225.000      338.700
LOCATION E_S_FH_93    VOLUME     451688.000  3772205.000      338.400
LOCATION E_S_FH_94    VOLUME     451688.000  3772185.000      338.100
LOCATION E_S_FH_95    VOLUME     451688.000  3772165.000      337.800
LOCATION E_S_FH_96    VOLUME     451688.000  3772145.000      337.500
LOCATION E_S_FH_97    VOLUME     451688.000  3772125.000      337.200
LOCATION E_S_FH_98    VOLUME     451688.000  3772105.000      336.900
LOCATION E_S_FH_99    VOLUME     451688.000  3772085.000      336.600
LOCATION E_S_FH_100   VOLUME     451688.000  3772065.000      336.300
LOCATION E_S_FH_101   VOLUME     451688.000  3772045.000      336.000
LOCATION E_S_FH_102   VOLUME     451688.000  3772025.000      335.700
LOCATION E_S_FH_103   VOLUME     451688.000  3772005.000      335.400
LOCATION E_S_FH_104   VOLUME     451688.000  3771985.000      335.100
LOCATION E_S_FH_105   VOLUME     451688.000  3771965.000      334.800
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LOCATION E_S_FH_106   VOLUME     451688.000  3771945.000      334.500
LOCATION E_S_FH_107   VOLUME     451688.000  3771925.000      334.200
LOCATION E_S_FH_108   VOLUME     451688.000  3771905.000      333.900
LOCATION E_S_FH_109   VOLUME     451688.000  3771885.000      333.600
LOCATION E_S_FH_110   VOLUME     451688.000  3771865.000      333.300
LOCATION E_S_FH_111   VOLUME     451688.000  3771845.000      333.000
LOCATION 6_W_E_1      VOLUME     451673.000  3771857.000      333.000
LOCATION 6_W_E_2      VOLUME     451653.000  3771857.000      333.000
LOCATION 6_W_E_3      VOLUME     451633.000  3771857.000      333.000
LOCATION 6_W_E_4      VOLUME     451613.000  3771857.000      333.000
LOCATION 6_W_E_5      VOLUME     451593.000  3771857.000      333.000
LOCATION 6_W_E_6      VOLUME     451573.000  3771857.000      333.000
LOCATION 6_W_E_7      VOLUME     451553.000  3771857.000      333.000
LOCATION 6_W_E_8      VOLUME     451533.000  3771857.000      333.000
LOCATION 6_W_E_9      VOLUME     451513.000  3771857.000      333.000
LOCATION 6_W_E_10     VOLUME     451493.000  3771857.000      333.000
LOCATION 6_W_E_11     VOLUME     451473.000  3771857.000      333.000
LOCATION 6_W_E_12     VOLUME     451453.000  3771857.000      333.000
LOCATION 6_W_E_13     VOLUME     451433.000  3771857.000      333.000
LOCATION 6_W_E_14     VOLUME     451413.000  3771857.000      333.000
LOCATION 6_W_E_15     VOLUME     451393.000  3771857.000      333.000
LOCATION 6_W_E_16     VOLUME     451373.000  3771857.000      333.000
LOCATION 6_W_E_17     VOLUME     451353.000  3771857.000      333.000
LOCATION 6_W_E_18     VOLUME     451333.000  3771857.000      333.000
LOCATION 6_W_E_19     VOLUME     451313.000  3771857.000      333.000
LOCATION 6_W_E_20     VOLUME     451293.000  3771857.000      333.000
LOCATION 6_W_E_21     VOLUME     451273.000  3771857.000      333.000
LOCATION 6_W_E_22     VOLUME     451253.000  3771857.000      333.000
LOCATION 6_W_E_23     VOLUME     451233.000  3771857.000      333.000
LOCATION 6_W_E_24     VOLUME     451213.000  3771857.000      333.000
LOCATION 6_W_E_25     VOLUME     451193.000  3771857.000      333.000
LOCATION 6_W_E_26     VOLUME     451173.000  3771857.000      333.000
LOCATION 6_W_E_27     VOLUME     451153.000  3771857.000      333.000
LOCATION 6_W_E_28     VOLUME     451133.000  3771857.000      333.000
LOCATION 6_W_E_29     VOLUME     451113.000  3771857.000      333.000
LOCATION 6_W_E_30     VOLUME     451093.000  3771857.000      333.000
LOCATION 6_W_E_31     VOLUME     451073.000  3771857.000      333.000
LOCATION 6_W_E_32     VOLUME     451053.000  3771857.000      333.000
LOCATION 6_W_E_33     VOLUME     451033.000  3771857.000      333.000
LOCATION 6_W_E_34     VOLUME     451013.000  3771857.000      333.000
LOCATION 6_W_E_35     VOLUME     450993.000  3771857.000      333.000
LOCATION 6_W_E_36     VOLUME     450973.000  3771857.000      333.000
LOCATION 6_W_E_37     VOLUME     450953.000  3771857.000      333.000
LOCATION SB_W_E_1     VOLUME     452516.000  3770885.000      321.000
LOCATION SB_W_E_2     VOLUME     452492.000  3770885.000      321.000
LOCATION SB_W_E_3     VOLUME     452468.000  3770885.000      320.900
LOCATION SB_W_E_4     VOLUME     452444.000  3770885.000      320.900
LOCATION SB_W_E_5     VOLUME     452420.000  3770885.000      320.800
LOCATION SB_W_E_6     VOLUME     452396.000  3770885.000      320.800
LOCATION SB_W_E_7     VOLUME     452372.000  3770885.000      320.700
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LOCATION SB_W_E_8     VOLUME     452348.000  3770885.000      320.700
LOCATION SB_W_E_9     VOLUME     452324.000  3770885.000      320.600
LOCATION SB_W_E_10    VOLUME     452300.000  3770885.000      320.600
LOCATION SB_W_E_11    VOLUME     452276.000  3770885.000      320.500
LOCATION SB_W_E_12    VOLUME     452252.000  3770885.000      320.500
LOCATION SB_W_E_13    VOLUME     452228.000  3770885.000      320.400
LOCATION SB_W_E_14    VOLUME     452204.000  3770885.000      320.400
LOCATION SB_W_E_15    VOLUME     452180.000  3770885.000      320.400
LOCATION SB_W_E_16    VOLUME     452156.000  3770885.000      320.300
LOCATION SB_W_E_17    VOLUME     452132.000  3770885.000      320.300
LOCATION SB_W_E_18    VOLUME     452108.000  3770885.000      320.200
LOCATION SB_W_E_19    VOLUME     452084.000  3770885.000      320.200
LOCATION SB_W_E_20    VOLUME     452060.000  3770885.000      320.100
LOCATION SB_W_E_21    VOLUME     452036.000  3770885.000      320.100
LOCATION SB_W_E_22    VOLUME     452012.000  3770885.000      320.000
LOCATION SB_W_E_23    VOLUME     451988.000  3770885.000      320.000
LOCATION SB_W_E_24    VOLUME     451964.000  3770885.000      319.900
LOCATION SB_W_E_25    VOLUME     451940.000  3770885.000      319.900
LOCATION SB_W_E_26    VOLUME     451916.000  3770885.000      319.800
LOCATION SB_W_E_27    VOLUME     451892.000  3770885.000      319.800
LOCATION SB_W_E_28    VOLUME     451868.000  3770885.000      319.800
LOCATION SB_W_E_29    VOLUME     451844.000  3770885.000      319.700
LOCATION SB_W_E_30    VOLUME     451820.000  3770885.000      319.700
LOCATION SB_W_E_31    VOLUME     451796.000  3770885.000      319.600
LOCATION SB_W_E_32    VOLUME     451772.000  3770885.000      319.600
LOCATION SB_W_E_33    VOLUME     451748.000  3770885.000      319.500
LOCATION SB_W_E_34    VOLUME     451724.000  3770885.000      319.500
LOCATION 4_W_E_1      VOLUME     451700.000  3770885.000      319.400
LOCATION 4_W_E_2      VOLUME     451676.000  3770885.000      319.400
LOCATION 4_W_E_3      VOLUME     451652.000  3770885.000      319.300
LOCATION 4_W_E_4      VOLUME     451628.000  3770885.000      319.300
LOCATION 4_W_E_5      VOLUME     451604.000  3770885.000      319.200
LOCATION 4_W_E_6      VOLUME     451580.000  3770885.000      319.200
LOCATION 4_W_E_7      VOLUME     451556.000  3770885.000      319.200
LOCATION 4_W_E_8      VOLUME     451532.000  3770885.000      319.100
LOCATION 4_W_E_9      VOLUME     451508.000  3770885.000      319.100
LOCATION 4_W_E_10     VOLUME     451484.000  3770885.000      319.000
LOCATION 4_W_E_11     VOLUME     451460.000  3770885.000      319.000
LOCATION 4_W_E_12     VOLUME     451436.000  3770885.000      318.900
LOCATION 4_W_E_13     VOLUME     451412.000  3770885.000      318.900
LOCATION 4_W_E_14     VOLUME     451388.000  3770885.000      318.800
LOCATION 4_W_E_15     VOLUME     451364.000  3770885.000      318.800
LOCATION 4_W_E_16     VOLUME     451340.000  3770885.000      318.700
LOCATION 4_W_E_17     VOLUME     451316.000  3770885.000      318.700
LOCATION 4_W_E_18     VOLUME     451292.000  3770885.000      318.600
LOCATION 4_W_E_19     VOLUME     451268.000  3770885.000      318.600
LOCATION 4_W_E_20     VOLUME     451244.000  3770885.000      318.600
LOCATION 4_W_E_21     VOLUME     451220.000  3770885.000      318.500
LOCATION 4_W_E_22     VOLUME     451196.000  3770885.000      318.500
LOCATION 4_W_E_23     VOLUME     451172.000  3770885.000      318.400
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LOCATION 4_W_E_24     VOLUME     451148.000  3770885.000      318.400
LOCATION 4_W_E_25     VOLUME     451124.000  3770885.000      318.300
LOCATION 4_W_E_26     VOLUME     451100.000  3770885.000      318.300
LOCATION 4_W_E_27     VOLUME     451076.000  3770885.000      318.200
LOCATION 4_W_E_28     VOLUME     451052.000  3770885.000      318.200
LOCATION 4_W_E_29     VOLUME     451028.000  3770885.000      318.100
LOCATION 4_W_E_30     VOLUME     451004.000  3770885.000      318.100
LOCATION 4_W_E_31     VOLUME     450980.000  3770885.000      318.000
LOCATION 4_W_E_32     VOLUME     450956.000  3770885.000      318.000
LOCATION E_N_4_I10_1  VOLUME     451700.000  3769805.000      306.000
LOCATION E_N_4_I10_2  VOLUME     451700.000  3769825.000      306.300
LOCATION E_N_4_I10_3  VOLUME     451700.000  3769845.000      306.500
LOCATION E_N_4_I10_4  VOLUME     451700.000  3769865.000      306.800
LOCATION E_N_4_I10_5  VOLUME     451700.000  3769885.000      307.100
LOCATION E_N_4_I10_6  VOLUME     451700.000  3769905.000      307.300
LOCATION E_N_4_I10_7  VOLUME     451700.000  3769925.000      307.600
LOCATION E_N_4_I10_8  VOLUME     451700.000  3769945.000      307.900
LOCATION E_N_4_I10_9  VOLUME     451700.000  3769965.000      308.100
LOCATION E_N_4_I10_10 VOLUME     451700.000  3769985.000      308.400
LOCATION E_N_4_I10_11 VOLUME     451700.000  3770005.000      308.700
LOCATION E_N_4_I10_12 VOLUME     451700.000  3770025.000      308.900
LOCATION E_N_4_I10_13 VOLUME     451700.000  3770045.000      309.200
LOCATION E_N_4_I10_14 VOLUME     451700.000  3770065.000      309.500
LOCATION E_N_4_I10_15 VOLUME     451700.000  3770085.000      309.700
LOCATION E_N_4_I10_16 VOLUME     451700.000  3770105.000      310.000
LOCATION E_N_4_I10_17 VOLUME     451700.000  3770125.000      310.300
LOCATION E_N_4_I10_18 VOLUME     451700.000  3770145.000      310.500
LOCATION E_N_4_I10_19 VOLUME     451700.000  3770165.000      310.800
LOCATION E_N_4_I10_20 VOLUME     451700.000  3770185.000      311.100
LOCATION E_N_4_I10_21 VOLUME     451700.000  3770205.000      311.300
LOCATION E_N_4_I10_22 VOLUME     451700.000  3770225.000      311.600
LOCATION E_N_4_I10_23 VOLUME     451700.000  3770245.000      311.900
LOCATION E_N_4_I10_24 VOLUME     451700.000  3770265.000      312.100
LOCATION E_N_4_I10_25 VOLUME     451700.000  3770285.000      312.400
LOCATION E_N_4_I10_26 VOLUME     451700.000  3770305.000      312.700
LOCATION E_N_4_I10_27 VOLUME     451700.000  3770325.000      313.000
LOCATION E_N_4_I10_28 VOLUME     451700.000  3770345.000      313.200
LOCATION E_N_4_I10_29 VOLUME     451700.000  3770365.000      313.500
LOCATION E_N_4_I10_30 VOLUME     451700.000  3770385.000      313.800
LOCATION E_N_4_I10_31 VOLUME     451700.000  3770405.000      314.000
LOCATION E_N_4_I10_32 VOLUME     451700.000  3770425.000      314.300
LOCATION E_N_4_I10_33 VOLUME     451700.000  3770445.000      314.600
LOCATION E_N_4_I10_34 VOLUME     451700.000  3770465.000      314.800
LOCATION E_N_4_I10_35 VOLUME     451700.000  3770485.000      315.100
LOCATION E_N_4_I10_36 VOLUME     451700.000  3770505.000      315.400
LOCATION E_N_4_I10_37 VOLUME     451700.000  3770525.000      315.600
LOCATION E_N_4_I10_38 VOLUME     451700.000  3770545.000      315.900
LOCATION E_N_4_I10_39 VOLUME     451700.000  3770565.000      316.200
LOCATION E_N_4_I10_40 VOLUME     451700.000  3770585.000      316.400
LOCATION E_N_4_I10_41 VOLUME     451700.000  3770605.000      316.700
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LOCATION E_N_4_I10_42 VOLUME     451700.000  3770625.000      317.000
LOCATION E_N_4_I10_43 VOLUME     451700.000  3770645.000      317.200
LOCATION E_N_4_I10_44 VOLUME     451700.000  3770665.000      317.500
LOCATION E_N_4_I10_45 VOLUME     451700.000  3770685.000      317.800
LOCATION E_N_4_I10_46 VOLUME     451700.000  3770705.000      318.000
LOCATION E_N_4_I10_47 VOLUME     451700.000  3770725.000      318.300
LOCATION E_N_4_I10_48 VOLUME     451700.000  3770745.000      318.600
LOCATION E_N_4_I10_49 VOLUME     451700.000  3770765.000      318.800
LOCATION E_N_4_I10_50 VOLUME     451700.000  3770785.000      319.100
LOCATION E_N_4_I10_51 VOLUME     451700.000  3770805.000      319.400
LOCATION E_N_4_I10_52 VOLUME     451700.000  3770825.000      319.600
LOCATION E_N_4_I10_53 VOLUME     451700.000  3770845.000      319.900
LOCATION E_N_4_I10_54 VOLUME     451700.000  3770865.000      320.200
LOCATION 4_E_I15_1    VOLUME     449779.000  3770873.000      318.000
LOCATION 4_E_I15_2    VOLUME     449803.000  3770873.000      318.000
LOCATION 4_E_I15_3    VOLUME     449827.000  3770873.000      318.000
LOCATION 4_E_I15_4    VOLUME     449851.000  3770873.000      318.000
LOCATION 4_E_I15_5    VOLUME     449875.000  3770873.000      318.000
LOCATION 4_E_I15_6    VOLUME     449899.000  3770873.000      318.000
LOCATION 4_E_I15_7    VOLUME     449923.000  3770873.000      318.000
LOCATION 4_E_I15_8    VOLUME     449947.000  3770873.000      318.000
LOCATION 4_E_I15_9    VOLUME     449971.000  3770873.000      318.000
LOCATION 4_E_I15_10   VOLUME     449995.000  3770873.000      318.000
LOCATION 4_E_I15_11   VOLUME     450019.000  3770873.000      318.000
LOCATION 4_E_I15_12   VOLUME     450043.000  3770873.000      318.000
LOCATION 4_E_I15_13   VOLUME     450067.000  3770873.000      318.000
LOCATION 4_E_I15_14   VOLUME     450091.000  3770873.000      318.000
LOCATION 4_E_I15_15   VOLUME     450115.000  3770873.000      318.000
LOCATION 4_E_I15_16   VOLUME     450139.000  3770873.000      318.000
LOCATION 4_E_I15_17   VOLUME     450163.000  3770873.000      318.000
LOCATION 4_E_I15_18   VOLUME     450187.000  3770873.000      318.000
LOCATION 4_E_I15_19   VOLUME     450211.000  3770873.000      318.000
LOCATION 4_E_I15_20   VOLUME     450235.000  3770873.000      318.000
LOCATION 4_E_I15_21   VOLUME     450259.000  3770873.000      318.000
LOCATION 4_E_I15_22   VOLUME     450283.000  3770873.000      318.000
LOCATION 4_E_I15_23   VOLUME     450307.000  3770873.000      318.000
LOCATION 4_E_I15_24   VOLUME     450331.000  3770873.000      318.000
LOCATION 4_E_I15_25   VOLUME     450355.000  3770873.000      318.000
LOCATION 4_E_I15_26   VOLUME     450379.000  3770873.000      318.000
LOCATION 4_E_I15_27   VOLUME     450403.000  3770873.000      318.000
LOCATION 4_E_I15_28   VOLUME     450427.000  3770873.000      318.000
LOCATION 4_E_I15_29   VOLUME     450451.000  3770873.000      318.000
LOCATION 4_E_I15_30   VOLUME     450475.000  3770873.000      318.000
LOCATION 4_E_I15_31   VOLUME     450499.000  3770873.000      318.000
LOCATION 4_E_I15_32   VOLUME     450523.000  3770873.000      318.000
LOCATION 4_E_I15_33   VOLUME     450547.000  3770873.000      318.000
LOCATION FH_W_I15_1   VOLUME     451697.000  3774079.000      366.000
LOCATION FH_W_I15_2   VOLUME     451667.000  3774079.000      366.100
LOCATION FH_W_I15_3   VOLUME     451637.000  3774079.000      366.200
LOCATION FH_W_I15_4   VOLUME     451607.000  3774079.000      366.400
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LOCATION FH_W_I15_5   VOLUME     451577.000  3774079.000      366.500
LOCATION FH_W_I15_6   VOLUME     451547.000  3774079.000      366.600
LOCATION FH_W_I15_7   VOLUME     451517.000  3774079.000      366.700
LOCATION FH_W_I15_8   VOLUME     451487.000  3774079.000      366.800
LOCATION FH_W_I15_9   VOLUME     451457.000  3774079.000      367.000
LOCATION FH_W_I15_10  VOLUME     451427.000  3774079.000      367.100
LOCATION FH_W_I15_11  VOLUME     451397.000  3774079.000      367.200
LOCATION FH_W_I15_12  VOLUME     451367.000  3774079.000      367.300
LOCATION FH_W_I15_13  VOLUME     451337.000  3774079.000      367.400
LOCATION FH_W_I15_14  VOLUME     451307.000  3774079.000      367.600
LOCATION FH_W_I15_15  VOLUME     451277.000  3774079.000      367.700
LOCATION FH_W_I15_16  VOLUME     451247.000  3774079.000      367.800
LOCATION FH_W_I15_17  VOLUME     451217.000  3774079.000      367.900
LOCATION FH_W_I15_18  VOLUME     451187.000  3774079.000      368.000
LOCATION FH_W_I15_19  VOLUME     451157.000  3774079.000      368.200
LOCATION FH_W_I15_20  VOLUME     451127.000  3774079.000      368.300
LOCATION FH_W_I15_21  VOLUME     451097.000  3774079.000      368.400
LOCATION FH_W_I15_22  VOLUME     451067.000  3774079.000      368.500
LOCATION FH_W_I15_23  VOLUME     451037.000  3774079.000      368.600
LOCATION FH_W_I15_24  VOLUME     451007.000  3774079.000      368.800
LOCATION FH_W_I15_25  VOLUME     450977.000  3774079.000      368.900
LOCATION E_N_FH_1     VOLUME     451700.000  3771845.000      333.000
LOCATION E_N_FH_2     VOLUME     451700.000  3771865.000      333.300
LOCATION E_N_FH_3     VOLUME     451700.000  3771885.000      333.600
LOCATION E_N_FH_4     VOLUME     451700.000  3771905.000      333.900
LOCATION E_N_FH_5     VOLUME     451700.000  3771925.000      334.200
LOCATION E_N_FH_6     VOLUME     451700.000  3771945.000      334.500
LOCATION E_N_FH_7     VOLUME     451700.000  3771965.000      334.800
LOCATION E_N_FH_8     VOLUME     451700.000  3771985.000      335.100
LOCATION E_N_FH_9     VOLUME     451700.000  3772005.000      335.400
LOCATION E_N_FH_10    VOLUME     451700.000  3772025.000      335.700
LOCATION E_N_FH_11    VOLUME     451700.000  3772045.000      336.000
LOCATION E_N_FH_12    VOLUME     451700.000  3772065.000      336.300
LOCATION E_N_FH_13    VOLUME     451700.000  3772085.000      336.600
LOCATION E_N_FH_14    VOLUME     451700.000  3772105.000      336.900
LOCATION E_N_FH_15    VOLUME     451700.000  3772125.000      337.200
LOCATION E_N_FH_16    VOLUME     451700.000  3772145.000      337.500
LOCATION E_N_FH_17    VOLUME     451700.000  3772165.000      337.800
LOCATION E_N_FH_18    VOLUME     451700.000  3772185.000      338.100
LOCATION E_N_FH_19    VOLUME     451700.000  3772205.000      338.400
LOCATION E_N_FH_20    VOLUME     451700.000  3772225.000      338.700
LOCATION E_N_FH_21    VOLUME     451700.000  3772245.000      339.000
LOCATION E_N_FH_22    VOLUME     451700.000  3772265.000      339.300
LOCATION E_N_FH_23    VOLUME     451700.000  3772285.000      339.600
LOCATION E_N_FH_24    VOLUME     451700.000  3772305.000      339.900
LOCATION E_N_FH_25    VOLUME     451700.000  3772325.000      340.200
LOCATION E_N_FH_26    VOLUME     451700.000  3772345.000      340.500
LOCATION E_N_FH_27    VOLUME     451700.000  3772365.000      340.800
LOCATION E_N_FH_28    VOLUME     451700.000  3772385.000      341.100
LOCATION E_N_FH_29    VOLUME     451700.000  3772405.000      341.400
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LOCATION E_N_FH_30    VOLUME     451700.000  3772425.000      341.700
LOCATION E_N_FH_31    VOLUME     451700.000  3772445.000      342.000
LOCATION E_N_FH_32    VOLUME     451700.000  3772465.000      342.300
LOCATION E_N_FH_33    VOLUME     451700.000  3772485.000      342.600
LOCATION E_N_FH_34    VOLUME     451700.000  3772505.000      342.900
LOCATION E_N_FH_35    VOLUME     451700.000  3772525.000      343.200
LOCATION E_N_FH_36    VOLUME     451700.000  3772545.000      343.500
LOCATION E_N_FH_37    VOLUME     451700.000  3772565.000      343.800
LOCATION E_N_FH_38    VOLUME     451700.000  3772585.000      344.100
LOCATION E_N_FH_39    VOLUME     451700.000  3772605.000      344.400
LOCATION E_N_FH_40    VOLUME     451700.000  3772625.000      344.700
LOCATION E_N_FH_41    VOLUME     451700.000  3772645.000      345.000
LOCATION E_N_FH_42    VOLUME     451700.000  3772665.000      345.300
LOCATION E_N_FH_43    VOLUME     451700.000  3772685.000      345.600
LOCATION E_N_FH_44    VOLUME     451700.000  3772705.000      345.900
LOCATION E_N_FH_45    VOLUME     451700.000  3772725.000      346.200
LOCATION E_N_FH_46    VOLUME     451700.000  3772745.000      346.500
LOCATION E_N_FH_47    VOLUME     451700.000  3772765.000      346.800
LOCATION E_N_FH_48    VOLUME     451700.000  3772785.000      347.100
LOCATION E_N_FH_49    VOLUME     451700.000  3772805.000      347.400
LOCATION E_N_FH_50    VOLUME     451700.000  3772825.000      347.700
LOCATION E_N_FH_51    VOLUME     451700.000  3772845.000      348.000
LOCATION E_N_FH_52    VOLUME     451700.000  3772865.000      348.300
LOCATION E_N_FH_53    VOLUME     451700.000  3772885.000      348.600
LOCATION E_N_FH_54    VOLUME     451700.000  3772905.000      348.900
LOCATION E_N_FH_55    VOLUME     451700.000  3772925.000      349.200
LOCATION E_N_FH_56    VOLUME     451700.000  3772945.000      349.500
LOCATION E_N_FH_57    VOLUME     451700.000  3772965.000      349.800
LOCATION E_N_FH_58    VOLUME     451700.000  3772985.000      350.100
LOCATION E_N_FH_59    VOLUME     451700.000  3773005.000      350.400
LOCATION E_N_FH_60    VOLUME     451700.000  3773025.000      350.700
LOCATION E_N_FH_61    VOLUME     451700.000  3773045.000      351.000
LOCATION E_N_FH_62    VOLUME     451700.000  3773065.000      351.300
LOCATION E_N_FH_63    VOLUME     451700.000  3773085.000      351.600
LOCATION E_N_FH_64    VOLUME     451700.000  3773105.000      351.900
LOCATION E_N_FH_65    VOLUME     451700.000  3773125.000      352.200
LOCATION E_N_FH_66    VOLUME     451700.000  3773145.000      352.500
LOCATION E_N_FH_67    VOLUME     451700.000  3773165.000      352.800
LOCATION E_N_FH_68    VOLUME     451700.000  3773185.000      353.100
LOCATION E_N_FH_69    VOLUME     451700.000  3773205.000      353.400
LOCATION E_N_FH_70    VOLUME     451700.000  3773225.000      353.700
LOCATION E_N_FH_71    VOLUME     451700.000  3773245.000      354.000
LOCATION E_N_FH_72    VOLUME     451700.000  3773265.000      354.300
LOCATION E_N_FH_73    VOLUME     451700.000  3773285.000      354.600
LOCATION E_N_FH_74    VOLUME     451700.000  3773305.000      354.900
LOCATION E_N_FH_75    VOLUME     451700.000  3773325.000      355.200
LOCATION E_N_FH_76    VOLUME     451700.000  3773345.000      355.500
LOCATION E_N_FH_77    VOLUME     451700.000  3773365.000      355.800
LOCATION E_N_FH_78    VOLUME     451700.000  3773385.000      356.100
LOCATION E_N_FH_79    VOLUME     451700.000  3773405.000      356.400
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LOCATION E_N_FH_80    VOLUME     451700.000  3773425.000      356.700
LOCATION E_N_FH_81    VOLUME     451700.000  3773445.000      357.000
LOCATION E_N_FH_82    VOLUME     451700.000  3773465.000      357.300
LOCATION E_N_FH_83    VOLUME     451700.000  3773485.000      357.600
LOCATION E_N_FH_84    VOLUME     451700.000  3773505.000      357.900
LOCATION E_N_FH_85    VOLUME     451700.000  3773525.000      358.200
LOCATION E_N_FH_86    VOLUME     451700.000  3773545.000      358.500
LOCATION E_N_FH_87    VOLUME     451700.000  3773565.000      358.800
LOCATION E_N_FH_88    VOLUME     451700.000  3773585.000      359.100
LOCATION E_N_FH_89    VOLUME     451700.000  3773605.000      359.400
LOCATION E_N_FH_90    VOLUME     451700.000  3773625.000      359.700
LOCATION E_N_FH_91    VOLUME     451700.000  3773645.000      360.000
LOCATION E_N_FH_92    VOLUME     451700.000  3773665.000      360.300
LOCATION E_N_FH_93    VOLUME     451700.000  3773685.000      360.600
LOCATION E_N_FH_94    VOLUME     451700.000  3773705.000      360.900
LOCATION E_N_FH_95    VOLUME     451700.000  3773725.000      361.200
LOCATION E_N_FH_96    VOLUME     451700.000  3773745.000      361.500
LOCATION E_N_FH_97    VOLUME     451700.000  3773765.000      361.800
LOCATION E_N_FH_98    VOLUME     451700.000  3773785.000      362.100
LOCATION E_N_FH_99    VOLUME     451700.000  3773805.000      362.400
LOCATION E_N_FH_100   VOLUME     451700.000  3773825.000      362.700
LOCATION E_N_FH_101   VOLUME     451700.000  3773845.000      363.000
LOCATION E_N_FH_102   VOLUME     451700.000  3773865.000      363.300
LOCATION E_N_FH_103   VOLUME     451700.000  3773885.000      363.600
LOCATION E_N_FH_104   VOLUME     451700.000  3773905.000      363.900
LOCATION E_N_FH_105   VOLUME     451700.000  3773925.000      364.200
LOCATION E_N_FH_106   VOLUME     451700.000  3773945.000      364.500
LOCATION E_N_FH_107   VOLUME     451700.000  3773965.000      364.800
LOCATION E_N_FH_108   VOLUME     451700.000  3773985.000      365.100
LOCATION E_N_FH_109   VOLUME     451700.000  3774005.000      365.400
LOCATION E_N_FH_110   VOLUME     451700.000  3774025.000      365.700
LOCATION E_N_FH_111   VOLUME     451700.000  3774045.000      366.000
LOCATION 6_E_E_1      VOLUME     450953.000  3771845.000      333.000
LOCATION 6_E_E_2      VOLUME     450973.000  3771845.000      333.000
LOCATION 6_E_E_3      VOLUME     450993.000  3771845.000      333.000
LOCATION 6_E_E_4      VOLUME     451013.000  3771845.000      333.000
LOCATION 6_E_E_5      VOLUME     451033.000  3771845.000      333.000
LOCATION 6_E_E_6      VOLUME     451053.000  3771845.000      333.000
LOCATION 6_E_E_7      VOLUME     451073.000  3771845.000      333.000
LOCATION 6_E_E_8      VOLUME     451093.000  3771845.000      333.000
LOCATION 6_E_E_9      VOLUME     451113.000  3771845.000      333.000
LOCATION 6_E_E_10     VOLUME     451133.000  3771845.000      333.000
LOCATION 6_E_E_11     VOLUME     451153.000  3771845.000      333.000
LOCATION 6_E_E_12     VOLUME     451173.000  3771845.000      333.000
LOCATION 6_E_E_13     VOLUME     451193.000  3771845.000      333.000
LOCATION 6_E_E_14     VOLUME     451213.000  3771845.000      333.000
LOCATION 6_E_E_15     VOLUME     451233.000  3771845.000      333.000
LOCATION 6_E_E_16     VOLUME     451253.000  3771845.000      333.000
LOCATION 6_E_E_17     VOLUME     451273.000  3771845.000      333.000
LOCATION 6_E_E_18     VOLUME     451293.000  3771845.000      333.000
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LOCATION 6_E_E_19     VOLUME     451313.000  3771845.000      333.000
LOCATION 6_E_E_20     VOLUME     451333.000  3771845.000      333.000
LOCATION 6_E_E_21     VOLUME     451353.000  3771845.000      333.000
LOCATION 6_E_E_22     VOLUME     451373.000  3771845.000      333.000
LOCATION 6_E_E_23     VOLUME     451393.000  3771845.000      333.000
LOCATION 6_E_E_24     VOLUME     451413.000  3771845.000      333.000
LOCATION 6_E_E_25     VOLUME     451433.000  3771845.000      333.000
LOCATION 6_E_E_26     VOLUME     451453.000  3771845.000      333.000
LOCATION 6_E_E_27     VOLUME     451473.000  3771845.000      333.000
LOCATION 6_E_E_28     VOLUME     451493.000  3771845.000      333.000
LOCATION 6_E_E_29     VOLUME     451513.000  3771845.000      333.000
LOCATION 6_E_E_30     VOLUME     451533.000  3771845.000      333.000
LOCATION 6_E_E_31     VOLUME     451553.000  3771845.000      333.000
LOCATION 6_E_E_32     VOLUME     451573.000  3771845.000      333.000
LOCATION 6_E_E_33     VOLUME     451593.000  3771845.000      333.000
LOCATION 6_E_E_34     VOLUME     451613.000  3771845.000      333.000
LOCATION 6_E_E_35     VOLUME     451633.000  3771845.000      333.000
LOCATION 6_E_E_36     VOLUME     451653.000  3771845.000      333.000
LOCATION 6_E_E_37     VOLUME     451673.000  3771845.000      333.000
LOCATION E_S_6_I10_1  VOLUME     451688.000  3771825.000      333.000
LOCATION E_S_6_I10_2  VOLUME     451688.000  3771805.000      332.700
LOCATION E_S_6_I10_3  VOLUME     451688.000  3771785.000      332.500
LOCATION E_S_6_I10_4  VOLUME     451688.000  3771765.000      332.200
LOCATION E_S_6_I10_5  VOLUME     451688.000  3771745.000      331.900
LOCATION E_S_6_I10_6  VOLUME     451688.000  3771725.000      331.700
LOCATION E_S_6_I10_7  VOLUME     451688.000  3771705.000      331.400
LOCATION E_S_6_I10_8  VOLUME     451688.000  3771685.000      331.100
LOCATION E_S_6_I10_9  VOLUME     451688.000  3771665.000      330.900
LOCATION E_S_6_I10_10 VOLUME     451688.000  3771645.000      330.600
LOCATION E_S_6_I10_11 VOLUME     451688.000  3771625.000      330.300
LOCATION E_S_6_I10_12 VOLUME     451688.000  3771605.000      330.100
LOCATION E_S_6_I10_13 VOLUME     451688.000  3771585.000      329.800
LOCATION E_S_6_I10_14 VOLUME     451688.000  3771565.000      329.500
LOCATION E_S_6_I10_15 VOLUME     451688.000  3771545.000      329.300
LOCATION E_S_6_I10_16 VOLUME     451688.000  3771525.000      329.000
LOCATION E_S_6_I10_17 VOLUME     451688.000  3771505.000      328.700
LOCATION E_S_6_I10_18 VOLUME     451688.000  3771485.000      328.500
LOCATION E_S_6_I10_19 VOLUME     451688.000  3771465.000      328.200
LOCATION E_S_6_I10_20 VOLUME     451688.000  3771445.000      327.900
LOCATION E_S_6_I10_21 VOLUME     451688.000  3771425.000      327.700
LOCATION E_S_6_I10_22 VOLUME     451688.000  3771405.000      327.400
LOCATION E_S_6_I10_23 VOLUME     451688.000  3771385.000      327.100
LOCATION E_S_6_I10_24 VOLUME     451688.000  3771365.000      326.900
LOCATION E_S_6_I10_25 VOLUME     451688.000  3771345.000      326.600
LOCATION E_S_6_I10_26 VOLUME     451688.000  3771325.000      326.300
LOCATION E_S_6_I10_27 VOLUME     451688.000  3771305.000      326.100
LOCATION E_S_6_I10_28 VOLUME     451688.000  3771285.000      325.800
LOCATION E_S_6_I10_29 VOLUME     451688.000  3771265.000      325.500
LOCATION E_S_6_I10_30 VOLUME     451688.000  3771245.000      325.300
LOCATION E_S_6_I10_31 VOLUME     451688.000  3771225.000      325.000
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LOCATION E_S_6_I10_32 VOLUME     451688.000  3771205.000      324.700
LOCATION E_S_6_I10_33 VOLUME     451688.000  3771185.000      324.500
LOCATION E_S_6_I10_34 VOLUME     451688.000  3771165.000      324.200
LOCATION E_S_6_I10_35 VOLUME     451688.000  3771145.000      323.900
LOCATION E_S_6_I10_36 VOLUME     451688.000  3771125.000      323.700
LOCATION E_S_6_I10_37 VOLUME     451688.000  3771105.000      323.400
LOCATION E_S_6_I10_38 VOLUME     451688.000  3771085.000      323.100
LOCATION E_S_6_I10_39 VOLUME     451688.000  3771065.000      322.900
LOCATION E_S_6_I10_40 VOLUME     451688.000  3771045.000      322.600
LOCATION E_S_6_I10_41 VOLUME     451688.000  3771025.000      322.300
LOCATION E_S_6_I10_42 VOLUME     451688.000  3771005.000      322.100
LOCATION E_S_6_I10_43 VOLUME     451688.000  3770985.000      321.800
LOCATION E_S_6_I10_44 VOLUME     451688.000  3770965.000      321.500
LOCATION E_S_6_I10_45 VOLUME     451688.000  3770945.000      321.300
LOCATION E_S_6_I10_46 VOLUME     451688.000  3770925.000      321.000
LOCATION E_S_6_I10_47 VOLUME     451688.000  3770905.000      320.700
LOCATION E_S_6_I10_48 VOLUME     451688.000  3770885.000      320.500
LOCATION E_S_6_I10_49 VOLUME     451688.000  3770865.000      320.200
LOCATION E_S_6_I10_50 VOLUME     451688.000  3770845.000      319.900
LOCATION E_S_6_I10_51 VOLUME     451688.000  3770825.000      319.700
LOCATION E_S_6_I10_52 VOLUME     451688.000  3770805.000      319.400
LOCATION E_S_6_I10_53 VOLUME     451688.000  3770785.000      319.100
LOCATION E_S_6_I10_54 VOLUME     451688.000  3770765.000      318.800
LOCATION E_S_6_I10_55 VOLUME     451688.000  3770745.000      318.600
LOCATION E_S_6_I10_56 VOLUME     451688.000  3770725.000      318.300
LOCATION E_S_6_I10_57 VOLUME     451688.000  3770705.000      318.000
LOCATION E_S_6_I10_58 VOLUME     451688.000  3770685.000      317.800
LOCATION E_S_6_I10_59 VOLUME     451688.000  3770665.000      317.500
LOCATION E_S_6_I10_60 VOLUME     451688.000  3770645.000      317.200
LOCATION E_S_6_I10_61 VOLUME     451688.000  3770625.000      317.000
LOCATION E_S_6_I10_62 VOLUME     451688.000  3770605.000      316.700
LOCATION E_S_6_I10_63 VOLUME     451688.000  3770585.000      316.400
LOCATION E_S_6_I10_64 VOLUME     451688.000  3770565.000      316.200
LOCATION E_S_6_I10_65 VOLUME     451688.000  3770545.000      315.900
LOCATION E_S_6_I10_66 VOLUME     451688.000  3770525.000      315.600
LOCATION E_S_6_I10_67 VOLUME     451688.000  3770505.000      315.400
LOCATION E_S_6_I10_68 VOLUME     451688.000  3770485.000      315.100
LOCATION E_S_6_I10_69 VOLUME     451688.000  3770465.000      314.800
LOCATION E_S_6_I10_70 VOLUME     451688.000  3770445.000      314.600
LOCATION E_S_6_I10_71 VOLUME     451688.000  3770425.000      314.300
LOCATION E_S_6_I10_72 VOLUME     451688.000  3770405.000      314.000
LOCATION E_S_6_I10_73 VOLUME     451688.000  3770385.000      313.800
LOCATION E_S_6_I10_74 VOLUME     451688.000  3770365.000      313.500
LOCATION E_S_6_I10_75 VOLUME     451688.000  3770345.000      313.200
LOCATION E_S_6_I10_76 VOLUME     451688.000  3770325.000      313.000
LOCATION E_S_6_I10_77 VOLUME     451688.000  3770305.000      312.700
LOCATION E_S_6_I10_78 VOLUME     451688.000  3770285.000      312.400
LOCATION E_S_6_I10_79 VOLUME     451688.000  3770265.000      312.200
LOCATION E_S_6_I10_80 VOLUME     451688.000  3770245.000      311.900
LOCATION E_S_6_I10_81 VOLUME     451688.000  3770225.000      311.600
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LOCATION E_S_6_I10_82 VOLUME     451688.000  3770205.000      311.400
LOCATION E_S_6_I10_83 VOLUME     451688.000  3770185.000      311.100
LOCATION E_S_6_I10_84 VOLUME     451688.000  3770165.000      310.800
LOCATION E_S_6_I10_85 VOLUME     451688.000  3770145.000      310.600
LOCATION E_S_6_I10_86 VOLUME     451688.000  3770125.000      310.300
LOCATION E_S_6_I10_87 VOLUME     451688.000  3770105.000      310.000
LOCATION E_S_6_I10_88 VOLUME     451688.000  3770085.000      309.800
LOCATION E_S_6_I10_89 VOLUME     451688.000  3770065.000      309.500
LOCATION E_S_6_I10_90 VOLUME     451688.000  3770045.000      309.200
LOCATION E_S_6_I10_91 VOLUME     451688.000  3770025.000      309.000
LOCATION E_S_6_I10_92 VOLUME     451688.000  3770005.000      308.700
LOCATION E_S_6_I10_93 VOLUME     451688.000  3769985.000      308.400
LOCATION E_S_6_I10_94 VOLUME     451688.000  3769965.000      308.200
LOCATION E_S_6_I10_95 VOLUME     451688.000  3769945.000      307.900
LOCATION E_S_6_I10_96 VOLUME     451688.000  3769925.000      307.600
LOCATION E_S_6_I10_97 VOLUME     451688.000  3769905.000      307.400
LOCATION E_S_6_I10_98 VOLUME     451688.000  3769885.000      307.100
LOCATION E_S_6_I10_99 VOLUME     451688.000  3769865.000      306.800
LOCATION E_S_6_10_100 VOLUME     451688.000  3769845.000      306.600
LOCATION E_S_6_10_101 VOLUME     451688.000  3769825.000      306.300
LOCATION E_S_6_10_102 VOLUME     451688.000  3769805.000      306.000
LOCATION 4_E_SB_1     VOLUME     450956.000  3770873.000      318.000
LOCATION 4_E_SB_2     VOLUME     450980.000  3770873.000      318.000
LOCATION 4_E_SB_3     VOLUME     451004.000  3770873.000      318.100
LOCATION 4_E_SB_4     VOLUME     451028.000  3770873.000      318.100
LOCATION 4_E_SB_5     VOLUME     451052.000  3770873.000      318.200
LOCATION 4_E_SB_6     VOLUME     451076.000  3770873.000      318.200
LOCATION 4_E_SB_7     VOLUME     451100.000  3770873.000      318.300
LOCATION 4_E_SB_8     VOLUME     451124.000  3770873.000      318.300
LOCATION 4_E_SB_9     VOLUME     451148.000  3770873.000      318.400
LOCATION 4_E_SB_10    VOLUME     451172.000  3770873.000      318.400
LOCATION 4_E_SB_11    VOLUME     451196.000  3770873.000      318.500
LOCATION 4_E_SB_12    VOLUME     451220.000  3770873.000      318.500
LOCATION 4_E_SB_13    VOLUME     451244.000  3770873.000      318.600
LOCATION 4_E_SB_14    VOLUME     451268.000  3770873.000      318.600
LOCATION 4_E_SB_15    VOLUME     451292.000  3770873.000      318.600
LOCATION 4_E_SB_16    VOLUME     451316.000  3770873.000      318.700
LOCATION 4_E_SB_17    VOLUME     451340.000  3770873.000      318.700
LOCATION 4_E_SB_18    VOLUME     451364.000  3770873.000      318.800
LOCATION 4_E_SB_19    VOLUME     451388.000  3770873.000      318.800
LOCATION 4_E_SB_20    VOLUME     451412.000  3770873.000      318.900
LOCATION 4_E_SB_21    VOLUME     451436.000  3770873.000      318.900
LOCATION 4_E_SB_22    VOLUME     451460.000  3770873.000      319.000
LOCATION 4_E_SB_23    VOLUME     451484.000  3770873.000      319.000
LOCATION 4_E_SB_24    VOLUME     451508.000  3770873.000      319.100
LOCATION 4_E_SB_25    VOLUME     451532.000  3770873.000      319.100
LOCATION 4_E_SB_26    VOLUME     451556.000  3770873.000      319.200
LOCATION 4_E_SB_27    VOLUME     451580.000  3770873.000      319.200
LOCATION 4_E_SB_28    VOLUME     451604.000  3770873.000      319.200
LOCATION 4_E_SB_29    VOLUME     451628.000  3770873.000      319.300
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LOCATION 4_E_SB_30    VOLUME     451652.000  3770873.000      319.300
LOCATION 4_E_SB_31    VOLUME     451676.000  3770873.000      319.400
LOCATION 4_E_SB_32    VOLUME     451700.000  3770873.000      319.400
LOCATION 4_E_SB_33    VOLUME     451724.000  3770873.000      319.500
LOCATION 4_E_SB_34    VOLUME     451748.000  3770873.000      319.500
LOCATION 4_E_SB_35    VOLUME     451772.000  3770873.000      319.600
LOCATION 4_E_SB_36    VOLUME     451796.000  3770873.000      319.600
LOCATION 4_E_SB_37    VOLUME     451820.000  3770873.000      319.700
LOCATION 4_E_SB_38    VOLUME     451844.000  3770873.000      319.700
LOCATION 4_E_SB_39    VOLUME     451868.000  3770873.000      319.800
LOCATION 4_E_SB_40    VOLUME     451892.000  3770873.000      319.800
LOCATION 4_E_SB_41    VOLUME     451916.000  3770873.000      319.800
LOCATION 4_E_SB_42    VOLUME     451940.000  3770873.000      319.900
LOCATION 4_E_SB_43    VOLUME     451964.000  3770873.000      319.900
LOCATION 4_E_SB_44    VOLUME     451988.000  3770873.000      320.000
LOCATION 4_E_SB_45    VOLUME     452012.000  3770873.000      320.000
LOCATION 4_E_SB_46    VOLUME     452036.000  3770873.000      320.100
LOCATION 4_E_SB_47    VOLUME     452060.000  3770873.000      320.100
LOCATION 4_E_SB_48    VOLUME     452084.000  3770873.000      320.200
LOCATION 4_E_SB_49    VOLUME     452108.000  3770873.000      320.200
LOCATION 4_E_SB_50    VOLUME     452132.000  3770873.000      320.300
LOCATION 4_E_SB_51    VOLUME     452156.000  3770873.000      320.300
LOCATION 4_E_SB_52    VOLUME     452180.000  3770873.000      320.400
LOCATION 4_E_SB_53    VOLUME     452204.000  3770873.000      320.400
LOCATION 4_E_SB_54    VOLUME     452228.000  3770873.000      320.400
LOCATION 4_E_SB_55    VOLUME     452252.000  3770873.000      320.500
LOCATION 4_E_SB_56    VOLUME     452276.000  3770873.000      320.500
LOCATION 4_E_SB_57    VOLUME     452300.000  3770873.000      320.600
LOCATION 4_E_SB_58    VOLUME     452324.000  3770873.000      320.600
LOCATION 4_E_SB_59    VOLUME     452348.000  3770873.000      320.700
LOCATION 4_E_SB_60    VOLUME     452372.000  3770873.000      320.700
LOCATION 4_E_SB_61    VOLUME     452396.000  3770873.000      320.800
LOCATION 4_E_SB_62    VOLUME     452420.000  3770873.000      320.800
LOCATION 4_E_SB_63    VOLUME     452444.000  3770873.000      320.900
LOCATION 4_E_SB_64    VOLUME     452468.000  3770873.000      320.900
LOCATION 4_E_SB_65    VOLUME     452492.000  3770873.000      321.000
LOCATION 4_E_SB_66    VOLUME     452516.000  3770873.000      321.000
LOCATION 4_W_I15_1    VOLUME     450547.000  3770885.000      318.000
LOCATION 4_W_I15_2    VOLUME     450523.000  3770885.000      318.000
LOCATION 4_W_I15_3    VOLUME     450499.000  3770885.000      318.000
LOCATION 4_W_I15_4    VOLUME     450475.000  3770885.000      318.000
LOCATION 4_W_I15_5    VOLUME     450451.000  3770885.000      318.000
LOCATION 4_W_I15_6    VOLUME     450427.000  3770885.000      318.000
LOCATION 4_W_I15_7    VOLUME     450403.000  3770885.000      318.000
LOCATION 4_W_I15_8    VOLUME     450379.000  3770885.000      318.000
LOCATION 4_W_I15_9    VOLUME     450355.000  3770885.000      318.000
LOCATION 4_W_I15_10   VOLUME     450331.000  3770885.000      318.000
LOCATION 4_W_I15_11   VOLUME     450307.000  3770885.000      318.000
LOCATION 4_W_I15_12   VOLUME     450283.000  3770885.000      318.000
LOCATION 4_W_I15_13   VOLUME     450259.000  3770885.000      318.000
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   LOCATION 4_W_I15_14   VOLUME     450235.000  3770885.000      318.000
   LOCATION 4_W_I15_15   VOLUME     450211.000  3770885.000      318.000
   LOCATION 4_W_I15_16   VOLUME     450187.000  3770885.000      318.000
   LOCATION 4_W_I15_17   VOLUME     450163.000  3770885.000      318.000
   LOCATION 4_W_I15_18   VOLUME     450139.000  3770885.000      318.000
   LOCATION 4_W_I15_19   VOLUME     450115.000  3770885.000      318.000
   LOCATION 4_W_I15_20   VOLUME     450091.000  3770885.000      318.000
   LOCATION 4_W_I15_21   VOLUME     450067.000  3770885.000      318.000
   LOCATION 4_W_I15_22   VOLUME     450043.000  3770885.000      318.000
   LOCATION 4_W_I15_23   VOLUME     450019.000  3770885.000      318.000
   LOCATION 4_W_I15_24   VOLUME     449995.000  3770885.000      318.000
   LOCATION 4_W_I15_25   VOLUME     449971.000  3770885.000      318.000
   LOCATION 4_W_I15_26   VOLUME     449947.000  3770885.000      318.000
   LOCATION 4_W_I15_27   VOLUME     449923.000  3770885.000      318.000
   LOCATION 4_W_I15_28   VOLUME     449899.000  3770885.000      318.000
   LOCATION 4_W_I15_29   VOLUME     449875.000  3770885.000      318.000
   LOCATION 4_W_I15_30   VOLUME     449851.000  3770885.000      318.000
   LOCATION 4_W_I15_31   VOLUME     449827.000  3770885.000      318.000
   LOCATION 4_W_I15_32   VOLUME     449803.000  3770885.000      318.000
   LOCATION 4_W_I15_33   VOLUME     449779.000  3770885.000      318.000
** SOURCE PARAMETERS **
   SRCPARAM IDLE_A_1     3.8551E-06     4.150     9.300     1.930
   SRCPARAM IDLE_A_2     3.8551E-06     4.150     9.300     1.930
   SRCPARAM IDLE_A_3     3.8551E-06     4.150     9.300     1.930
   SRCPARAM IDLE_A_4     3.8551E-06     4.150     9.300     1.930
   SRCPARAM IDLE_A_5     3.8551E-06     4.150     9.300     1.930
   SRCPARAM IDLE_A_6     3.8551E-06     4.150     9.300     1.930
   SRCPARAM IDLE_A_7     3.8551E-06     4.150     9.300     1.930
   SRCPARAM IDLE_A_8     3.8551E-06     4.150     9.300     1.930
   SRCPARAM IDLE_A_9     3.8551E-06     4.150     9.300     1.930
   SRCPARAM IDLE_A_10    3.8551E-06     4.150     9.300     1.930
   SRCPARAM IDLE_B_1     2.7536E-06     4.150     9.300     1.930
   SRCPARAM IDLE_B_2     2.7536E-06     4.150     9.300     1.930
   SRCPARAM IDLE_B_3     2.7536E-06     4.150     9.300     1.930
   SRCPARAM IDLE_B_4     2.7536E-06     4.150     9.300     1.930
   SRCPARAM IDLE_B_5     2.7536E-06     4.150     9.300     1.930
   SRCPARAM IDLE_B_6     2.7536E-06     4.150     9.300     1.930
   SRCPARAM IDLE_B_7     2.7536E-06     4.150     9.300     1.930
   SRCPARAM IDLE_B_8     2.7536E-06     4.150     9.300     1.930
   SRCPARAM IDLE_B_9     2.7536E-06     4.150     9.300     1.930
   SRCPARAM IDLE_B_10    2.7536E-06     4.150     9.300     1.930
   SRCPARAM IDLE_B_11    2.7536E-06     4.150     9.300     1.930
   SRCPARAM IDLE_B_12    2.7536E-06     4.150     9.300     1.930
   SRCPARAM IDLE_B_13    2.7536E-06     4.150     9.300     1.930
   SRCPARAM IDLE_B_14    2.7536E-06     4.150     9.300     1.930
   SRCPARAM IDLE_C_1     3.113E-06     4.150     9.300     1.930
   SRCPARAM IDLE_C_2     3.113E-06     4.150     9.300     1.930
   SRCPARAM IDLE_C_3     3.113E-06     4.150     9.300     1.930
   SRCPARAM IDLE_C_4     3.113E-06     4.150     9.300     1.930
   SRCPARAM IDLE_C_5     3.113E-06     4.150     9.300     1.930
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SRCPARAM IDLE_C_6     3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_7     3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_8     3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_9     3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_10    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_11    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_12    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_13    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_14    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_15    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_16    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_17    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_18    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_19    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_20    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_21    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_22    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_C_23    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_1     3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_2     3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_3     3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_4     3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_5     3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_6     3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_7     3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_8     3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_9     3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_10    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_11    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_12    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_13    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_14    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_15    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_16    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_17    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_18    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_19    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_20    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_21    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_22    3.113E-06     4.150     9.300     1.930
SRCPARAM IDLE_D_23    3.113E-06     4.150     9.300     1.930
SRCPARAM T_1          3.4825E-06     0.000     9.300     2.510
SRCPARAM T_2          3.4825E-06     0.000     9.300     2.510
SRCPARAM T_3          3.4825E-06     0.000     9.300     2.510
SRCPARAM T_4          3.4825E-06     0.000     9.300     2.510
SRCPARAM T_5          3.4825E-06     0.000     9.300     2.510
SRCPARAM T_6          3.4825E-06     0.000     9.300     2.510
SRCPARAM T_7          3.4825E-06     0.000     9.300     2.510
SRCPARAM T_8          3.4825E-06     0.000     9.300     2.510
SRCPARAM T_9          3.4825E-06     0.000     9.300     2.510
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SRCPARAM T_10         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_11         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_12         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_13         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_14         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_15         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_16         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_17         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_18         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_19         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_20         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_21         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_22         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_23         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_24         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_25         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_26         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_27         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_28         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_29         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_30         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_31         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_32         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_33         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_34         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_35         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_36         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_37         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_38         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_39         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_40         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_41         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_42         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_43         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_44         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_45         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_46         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_47         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_48         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_49         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_50         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_51         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_52         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_53         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_54         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_55         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_56         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_57         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_58         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_59         3.4825E-06     0.000     9.300     2.510
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SRCPARAM T_60         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_61         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_62         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_63         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_64         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_65         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_66         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_67         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_68         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_69         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_70         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_71         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_72         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_73         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_74         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_75         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_76         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_77         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_78         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_79         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_80         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_81         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_82         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_83         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_84         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_85         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_86         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_87         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_88         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_89         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_90         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_91         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_92         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_93         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_94         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_95         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_96         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_97         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_98         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_99         3.4825E-06     0.000     9.300     2.510
SRCPARAM T_100        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_101        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_102        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_103        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_104        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_105        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_106        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_107        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_108        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_109        3.4825E-06     0.000     9.300     2.510
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SRCPARAM T_110        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_111        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_112        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_113        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_114        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_115        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_116        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_117        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_118        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_119        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_120        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_121        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_122        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_123        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_124        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_125        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_126        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_127        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_128        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_129        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_130        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_131        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_132        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_133        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_134        3.4825E-06     0.000     9.300     2.510
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SRCPARAM T_136        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_137        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_138        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_139        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_140        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_141        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_142        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_143        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_144        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_145        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_146        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_147        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_148        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_149        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_150        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_151        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_152        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_153        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_154        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_155        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_156        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_157        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_158        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_159        3.4825E-06     0.000     9.300     2.510
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SRCPARAM T_160        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_161        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_162        3.4825E-06     0.000     9.300     2.510
SRCPARAM T_163        3.4825E-06     0.000     9.300     2.510
SRCPARAM FH_E_I15_1   1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_2   1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_3   1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_4   1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_5   1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_6   1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_7   1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_8   1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_9   1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_10  1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_11  1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_12  1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_13  1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_14  1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_15  1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_16  1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_17  1.2382E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_18  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_19  1.284E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_20  1.284E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_21  1.284E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_22  1.284E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_23  1.284E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_24  1.284E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_25  1.284E-07     0.000    13.950     2.400
SRCPARAM FH_E_I15_26  1.284E-07     0.000    13.950     2.400
SRCPARAM E_S_FH_1     8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_2     8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_3     8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_4     8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_5     8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_6     8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_7     8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_8     8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_9     8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_10    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_11    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_12    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_13    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_14    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_15    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_16    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_17    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_18    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_19    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_20    8.559E-08     0.000     9.300     2.290
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SRCPARAM E_S_FH_21    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_22    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_23    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_24    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_25    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_26    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_27    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_28    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_29    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_30    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_31    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_32    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_33    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_34    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_35    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_36    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_37    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_38    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_39    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_40    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_41    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_42    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_43    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_44    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_45    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_46    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_47    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_48    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_49    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_50    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_51    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_52    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_53    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_54    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_55    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_56    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_57    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_58    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_59    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_60    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_61    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_62    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_63    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_64    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_65    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_66    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_67    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_68    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_69    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_70    8.559E-08     0.000     9.300     2.290
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SRCPARAM E_S_FH_71    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_72    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_73    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_74    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_75    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_76    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_77    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_78    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_79    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_80    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_81    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_82    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_83    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_84    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_85    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_86    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_87    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_88    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_89    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_90    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_91    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_92    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_93    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_94    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_95    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_96    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_97    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_98    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_99    8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_100   8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_101   8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_102   8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_103   8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_104   8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_105   8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_106   8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_107   8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_108   8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_109   8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_110   8.559E-08     0.000     9.300     2.290
SRCPARAM E_S_FH_111   8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_1      8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_2      8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_3      8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_4      8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_5      8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_6      8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_7      8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_8      8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_9      8.559E-08     0.000     9.300     2.290
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SRCPARAM 6_W_E_10     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_11     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_12     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_13     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_14     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_15     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_16     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_17     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_18     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_19     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_20     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_21     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_22     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_23     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_24     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_25     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_26     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_27     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_28     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_29     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_30     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_31     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_32     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_33     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_34     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_35     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_36     8.559E-08     0.000     9.300     2.290
SRCPARAM 6_W_E_37     8.559E-08     0.000     9.300     2.290
SRCPARAM SB_W_E_1     5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_2     5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_3     5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_4     5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_5     5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_6     5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_7     5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_8     5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_9     5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_10    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_11    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_12    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_13    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_14    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_15    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_16    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_17    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_18    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_19    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_20    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_21    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_22    5.135E-08     0.000    11.160     2.330
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SRCPARAM SB_W_E_23    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_24    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_25    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_26    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_27    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_28    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_29    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_30    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_31    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_32    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_33    5.135E-08     0.000    11.160     2.330
SRCPARAM SB_W_E_34    5.135E-08     0.000    11.160     2.330
SRCPARAM 4_W_E_1      6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_2      6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_3      6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_4      6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_5      6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_6      6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_7      6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_8      6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_9      6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_10     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_11     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_12     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_13     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_14     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_15     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_16     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_17     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_18     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_19     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_20     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_21     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_22     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_23     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_24     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_25     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_26     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_27     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_28     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_29     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_30     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_31     6.187E-07     0.000    11.160     2.330
SRCPARAM 4_W_E_32     6.187E-07     0.000    11.160     2.330
SRCPARAM E_N_4_I10_1  4.728E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_2  4.728E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_3  4.728E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_4  4.728E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_5  4.728E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_6  4.728E-07     0.000     9.300     2.290
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SRCPARAM E_N_4_I10_7  4.728E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_8  4.728E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_9  4.728E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_10 4.728E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_11 4.728E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_12 4.728E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_13 4.728E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_14 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_15 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_16 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_17 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_18 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_19 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_20 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_21 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_22 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_23 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_24 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_25 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_26 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_27 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_28 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_29 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_30 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_31 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_32 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_33 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_34 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_35 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_36 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_37 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_38 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_39 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_40 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_41 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_42 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_43 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_44 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_45 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_46 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_47 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_48 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_49 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_50 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_51 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_52 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_53 5.165E-07     0.000     9.300     2.290
SRCPARAM E_N_4_I10_54 5.165E-07     0.000     9.300     2.290
SRCPARAM 4_E_I15_1    3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_2    3.367E-07     0.000    11.160     2.330
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SRCPARAM 4_E_I15_3    3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_4    3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_5    3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_6    3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_7    3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_8    3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_9    3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_10   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_11   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_12   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_13   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_14   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_15   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_16   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_17   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_18   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_19   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_20   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_21   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_22   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_23   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_24   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_25   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_26   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_27   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_28   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_29   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_30   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_31   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_32   3.367E-07     0.000    11.160     2.330
SRCPARAM 4_E_I15_33   3.367E-07     0.000    11.160     2.330
SRCPARAM FH_W_I15_1   1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_2   1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_3   1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_4   1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_5   1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_6   1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_7   1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_8   1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_9   1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_10  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_11  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_12  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_13  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_14  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_15  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_16  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_17  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_18  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_19  1.403E-07     0.000    13.950     2.400
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SRCPARAM FH_W_I15_20  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_21  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_22  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_23  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_24  1.403E-07     0.000    13.950     2.400
SRCPARAM FH_W_I15_25  1.403E-07     0.000    13.950     2.400
SRCPARAM E_N_FH_1     9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_2     9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_3     9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_4     9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_5     9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_6     9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_7     9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_8     9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_9     9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_10    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_11    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_12    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_13    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_14    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_15    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_16    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_17    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_18    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_19    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_20    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_21    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_22    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_23    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_24    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_25    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_26    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_27    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_28    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_29    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_30    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_31    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_32    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_33    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_34    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_35    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_36    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_37    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_38    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_39    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_40    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_41    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_42    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_43    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_44    9.353E-08     0.000     9.300     2.290
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SRCPARAM E_N_FH_45    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_46    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_47    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_48    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_49    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_50    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_51    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_52    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_53    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_54    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_55    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_56    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_57    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_58    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_59    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_60    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_61    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_62    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_63    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_64    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_65    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_66    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_67    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_68    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_69    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_70    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_71    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_72    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_73    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_74    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_75    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_76    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_77    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_78    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_79    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_80    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_81    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_82    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_83    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_84    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_85    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_86    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_87    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_88    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_89    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_90    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_91    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_92    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_93    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_94    9.353E-08     0.000     9.300     2.290
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SRCPARAM E_N_FH_95    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_96    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_97    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_98    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_99    9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_100   9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_101   9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_102   9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_103   9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_104   9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_105   9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_106   9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_107   9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_108   9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_109   9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_110   9.353E-08     0.000     9.300     2.290
SRCPARAM E_N_FH_111   9.353E-08     0.000     9.300     2.290
SRCPARAM 6_E_E_1      2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_2      2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_3      2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_4      2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_5      2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_6      2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_7      2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_8      2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_9      2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_10     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_11     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_12     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_13     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_14     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_15     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_16     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_17     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_18     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_19     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_20     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_21     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_22     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_23     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_24     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_25     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_26     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_27     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_28     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_29     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_30     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_31     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_32     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_33     2.806E-07     0.000     9.300     2.290
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SRCPARAM 6_E_E_34     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_35     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_36     2.806E-07     0.000     9.300     2.290
SRCPARAM 6_E_E_37     2.806E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_1  1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_2  1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_3  1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_4  1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_5  1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_6  1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_7  1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_8  1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_9  1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_10 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_11 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_12 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_13 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_14 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_15 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_16 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_17 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_18 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_19 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_20 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_21 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_22 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_23 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_24 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_25 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_26 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_27 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_28 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_29 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_30 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_31 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_32 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_33 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_34 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_35 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_36 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_37 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_38 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_39 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_40 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_41 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_42 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_43 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_44 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_45 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_46 1.871E-07     0.000     9.300     2.290
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SRCPARAM E_S_6_I10_47 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_48 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_49 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_50 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_51 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_52 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_53 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_54 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_55 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_56 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_57 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_58 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_59 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_60 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_61 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_62 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_63 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_64 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_65 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_66 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_67 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_68 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_69 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_70 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_71 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_72 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_73 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_74 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_75 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_76 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_77 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_78 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_79 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_80 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_81 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_82 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_83 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_84 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_85 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_86 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_87 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_88 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_89 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_90 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_91 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_92 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_93 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_94 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_95 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_96 1.871E-07     0.000     9.300     2.290
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SRCPARAM E_S_6_I10_97 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_98 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_I10_99 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_10_100 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_10_101 1.871E-07     0.000     9.300     2.290
SRCPARAM E_S_6_10_102 1.871E-07     0.000     9.300     2.290
SRCPARAM 4_E_SB_1     5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_2     5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_3     5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_4     5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_5     5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_6     5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_7     5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_8     5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_9     5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_10    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_11    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_12    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_13    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_14    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_15    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_16    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_17    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_18    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_19    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_20    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_21    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_22    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_23    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_24    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_25    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_26    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_27    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_28    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_29    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_30    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_31    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_32    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_33    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_34    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_35    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_36    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_37    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_38    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_39    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_40    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_41    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_42    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_43    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_44    5.612E-08     0.000    11.160     2.330
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SRCPARAM 4_E_SB_45    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_46    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_47    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_48    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_49    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_50    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_51    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_52    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_53    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_54    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_55    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_56    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_57    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_58    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_59    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_60    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_61    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_62    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_63    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_64    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_65    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_E_SB_66    5.612E-08     0.000    11.160     2.330
SRCPARAM 4_W_I15_1    7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_2    7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_3    7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_4    7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_5    7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_6    7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_7    7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_8    7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_9    7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_10   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_11   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_12   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_13   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_14   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_15   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_16   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_17   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_18   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_19   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_20   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_21   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_22   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_23   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_24   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_25   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_26   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_27   7.321E-07     0.000    11.160     2.330
SRCPARAM 4_W_I15_28   7.321E-07     0.000    11.160     2.330
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   SRCPARAM 4_W_I15_29   7.321E-07     0.000    11.160     2.330
   SRCPARAM 4_W_I15_30   7.321E-07     0.000    11.160     2.330
   SRCPARAM 4_W_I15_31   7.321E-07     0.000    11.160     2.330
   SRCPARAM 4_W_I15_32   7.321E-07     0.000    11.160     2.330
   SRCPARAM 4_W_I15_33   7.321E-07     0.000    11.160     2.330
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
** DESCRREC "" ""
   DISCCART    451723.00   3773367.00  357.00  357.00
   DISCCART    451723.00   3773460.00  358.00  358.00
   DISCCART    451723.00   3773553.00  359.00  359.00
   DISCCART    451723.00   3773645.00  361.00  361.00
   DISCCART    451723.00   3773738.00  362.00  362.00
   DISCCART    451723.00   3773831.00  363.00  363.00
   DISCCART    451723.00   3773924.00  364.00  364.00
   DISCCART    451882.00   3774117.00  371.00  371.00
   DISCCART    451002.00   3771711.00  331.00  331.00
   DISCCART    451034.00   3771266.00  324.00  324.00
   DISCCART    451139.00   3770802.00  320.00  320.00
   DISCCART    450769.00   3770802.00  318.00  318.00
   DISCCART    450375.00   3770784.00  326.00  326.00
   DISCCART    450496.00   3770991.00  321.00  321.00
   DISCCART    450496.00   3771264.00  325.00  325.00
   DISCCART    450383.00   3771528.00  338.00  338.00
   DISCCART    450532.00   3771723.00  335.00  335.00
   DISCCART    450327.00   3771924.00  338.00  338.00
   DISCCART    451236.00   3774186.00  369.00  369.00
   DISCCART    452019.00   3774734.00  377.00  377.00
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE KONT_V9_ADJU\KONT_V9.SFC
   PROFFILE KONT_V9_ADJU\KONT_V9.PFL
   SURFDATA 3102 2012
   UAIRDATA 3190 2012
   PROFBASE 289.0 METERS
ME FINISHED
```

```
**
************************************
** AERMOD OUTPUT PATHWAY
************************************
**
**
OU STARTING
   PLOTFILE   ANNUAL ALL "13353 HRA.AD\BRIDGE_POINT_DPM.GRF" 31
   SUMMFILE BRIDGE_POINT_DPM.SUM
OU FINISHED


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

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

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


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


    ********   WARNING MESSAGES   ********
 ME W186    1949       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    1949       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                           ***       14:09:25

                                    PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

                                              ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 **Model Is Setup For Calculation of Average CONCentration Values.
```

```
  --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for   934 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   2035210.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
        CCVR_Sub - Meteorological data includes CCVR substitutions
        TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  OTHER

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:    934 Source(s);       1 Source Group(s); and      20
Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    934 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with      0 line(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
```

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

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 289.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.9 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**File for Summary of Results: BRIDGE_POINT_DPM.SUM

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
IDLE_A_1	0	0.38551E-05	450848.0	3771785.0	332.2	4.15	9.30	1.93	YES	
IDLE_A_2	0	0.38551E-05	450828.0	3771785.0	332.2	4.15	9.30	1.93	YES	
IDLE_A_3	0	0.38551E-05	450808.0	3771785.0	332.2	4.15	9.30	1.93	YES	

```
 IDLE_A_4         0   0.38551E-05  450788.0 3771785.0   332.2     4.15     9.30
1.93     YES
 IDLE_A_5         0   0.38551E-05  450768.0 3771785.0   332.2     4.15     9.30
1.93     YES
 IDLE_A_6         0   0.38551E-05  450748.0 3771785.0   332.2     4.15     9.30
1.93     YES
 IDLE_A_7         0   0.38551E-05  450728.0 3771785.0   332.2     4.15     9.30
1.93     YES
 IDLE_A_8         0   0.38551E-05  450708.0 3771785.0   332.2     4.15     9.30
1.93     YES
 IDLE_A_9         0   0.38551E-05  450688.0 3771785.0   332.2     4.15     9.30
1.93     YES
 IDLE_A_10        0   0.38551E-05  450668.0 3771785.0   332.2     4.15     9.30
1.93     YES
 IDLE_B_1         0   0.27536E-05  450848.0 3771565.0   329.0     4.15     9.30
1.93     YES
 IDLE_B_2         0   0.27536E-05  450828.0 3771565.0   329.0     4.15     9.30
1.93     YES
 IDLE_B_3         0   0.27536E-05  450808.0 3771565.0   329.0     4.15     9.30
1.93     YES
 IDLE_B_4         0   0.27536E-05  450788.0 3771565.0   329.0     4.15     9.30
1.93     YES
 IDLE_B_5         0   0.27536E-05  450768.0 3771565.0   329.0     4.15     9.30
1.93     YES
 IDLE_B_6         0   0.27536E-05  450748.0 3771565.0   329.0     4.15     9.30
1.93     YES
 IDLE_B_7         0   0.27536E-05  450728.0 3771565.0   329.0     4.15     9.30
1.93     YES
 IDLE_B_8         0   0.27536E-05  450708.0 3771565.0   329.0     4.15     9.30
1.93     YES
 IDLE_B_9         0   0.27536E-05  450688.0 3771565.0   329.0     4.15     9.30
1.93     YES
 IDLE_B_10        0   0.27536E-05  450668.0 3771565.0   329.0     4.15     9.30
1.93     YES
 IDLE_B_11        0   0.27536E-05  450648.0 3771565.0   329.0     4.15     9.30
1.93     YES
 IDLE_B_12        0   0.27536E-05  450628.0 3771565.0   329.0     4.15     9.30
1.93     YES
 IDLE_B_13        0   0.27536E-05  450608.0 3771565.0   329.0     4.15     9.30
1.93     YES
 IDLE_B_14        0   0.27536E-05  450588.0 3771565.0   329.0     4.15     9.30
1.93     YES
 IDLE_C_1         0   0.31130E-05  450874.0 3771425.0   327.4     4.15     9.30
1.93     YES
 IDLE_C_2         0   0.31130E-05  450874.0 3771405.0   327.1     4.15     9.30
1.93     YES
 IDLE_C_3         0   0.31130E-05  450874.0 3771385.0   326.9     4.15     9.30
1.93     YES
 IDLE_C_4         0   0.31130E-05  450874.0 3771365.0   326.6     4.15     9.30
1.93     YES
```

```
 IDLE_C_5         0   0.31130E-05  450874.0 3771345.0   326.3     4.15     9.30
1.93     YES
 IDLE_C_6         0   0.31130E-05  450874.0 3771325.0   326.1     4.15     9.30
1.93     YES
 IDLE_C_7         0   0.31130E-05  450874.0 3771305.0   325.8     4.15     9.30
1.93     YES
 IDLE_C_8         0   0.31130E-05  450874.0 3771285.0   325.5     4.15     9.30
1.93     YES
 IDLE_C_9         0   0.31130E-05  450874.0 3771265.0   325.3     4.15     9.30
1.93     YES
 IDLE_C_10        0   0.31130E-05  450874.0 3771245.0   325.0     4.15     9.30
1.93     YES
 IDLE_C_11        0   0.31130E-05  450874.0 3771225.0   324.7     4.15     9.30
1.93     YES
 IDLE_C_12        0   0.31130E-05  450874.0 3771205.0   324.5     4.15     9.30
1.93     YES
 IDLE_C_13        0   0.31130E-05  450874.0 3771185.0   324.2     4.15     9.30
1.93     YES
 IDLE_C_14        0   0.31130E-05  450874.0 3771165.0   323.9     4.15     9.30
1.93     YES
 IDLE_C_15        0   0.31130E-05  450874.0 3771145.0   323.7     4.15     9.30
1.93     YES
 IDLE_C_16        0   0.31130E-05  450874.0 3771125.0   323.4     4.15     9.30
1.93     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***      14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 IDLE_C_17        0   0.31130E-05  450874.0 3771105.0   323.1     4.15     9.30
1.93     YES
 IDLE_C_18        0   0.31130E-05  450874.0 3771085.0   322.9     4.15     9.30
1.93     YES
 IDLE_C_19        0   0.31130E-05  450874.0 3771065.0   322.6     4.15     9.30
1.93     YES
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 IDLE_C_20        0   0.31130E-05  450874.0 3771045.0   322.3     4.15     9.30
1.93     YES
 IDLE_C_21        0   0.31130E-05  450874.0 3771025.0   322.1     4.15     9.30
1.93     YES
 IDLE_C_22        0   0.31130E-05  450874.0 3771005.0   321.8     4.15     9.30
1.93     YES
 IDLE_C_23        0   0.31130E-05  450874.0 3770985.0   321.5     4.15     9.30
1.93     YES
 IDLE_D_1         0   0.31130E-05  450634.0 3771425.0   327.4     4.15     9.30
1.93     YES
 IDLE_D_2         0   0.31130E-05  450634.0 3771405.0   327.1     4.15     9.30
1.93     YES
 IDLE_D_3         0   0.31130E-05  450634.0 3771385.0   326.9     4.15     9.30
1.93     YES
 IDLE_D_4         0   0.31130E-05  450634.0 3771365.0   326.6     4.15     9.30
1.93     YES
 IDLE_D_5         0   0.31130E-05  450634.0 3771345.0   326.3     4.15     9.30
1.93     YES
 IDLE_D_6         0   0.31130E-05  450634.0 3771325.0   326.1     4.15     9.30
1.93     YES
 IDLE_D_7         0   0.31130E-05  450634.0 3771305.0   325.8     4.15     9.30
1.93     YES
 IDLE_D_8         0   0.31130E-05  450634.0 3771285.0   325.5     4.15     9.30
1.93     YES
 IDLE_D_9         0   0.31130E-05  450634.0 3771265.0   325.3     4.15     9.30
1.93     YES
 IDLE_D_10        0   0.31130E-05  450634.0 3771245.0   325.0     4.15     9.30
1.93     YES
 IDLE_D_11        0   0.31130E-05  450634.0 3771225.0   324.7     4.15     9.30
1.93     YES
 IDLE_D_12        0   0.31130E-05  450634.0 3771205.0   324.5     4.15     9.30
1.93     YES
 IDLE_D_13        0   0.31130E-05  450634.0 3771185.0   324.2     4.15     9.30
1.93     YES
 IDLE_D_14        0   0.31130E-05  450634.0 3771165.0   323.9     4.15     9.30
1.93     YES
 IDLE_D_15        0   0.31130E-05  450634.0 3771145.0   323.7     4.15     9.30
1.93     YES
 IDLE_D_16        0   0.31130E-05  450634.0 3771125.0   323.4     4.15     9.30
1.93     YES
 IDLE_D_17        0   0.31130E-05  450634.0 3771105.0   323.1     4.15     9.30
1.93     YES
 IDLE_D_18        0   0.31130E-05  450634.0 3771085.0   322.9     4.15     9.30
1.93     YES
 IDLE_D_19        0   0.31130E-05  450634.0 3771065.0   322.6     4.15     9.30
1.93     YES
 IDLE_D_20        0   0.31130E-05  450634.0 3771045.0   322.3     4.15     9.30
1.93     YES
 IDLE_D_21        0   0.31130E-05  450634.0 3771025.0   322.1     4.15     9.30
1.93     YES
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 IDLE_D_22        0   0.31130E-05  450634.0 3771005.0   321.8     4.15     9.30
1.93     YES
 IDLE_D_23        0   0.31130E-05  450634.0 3770985.0   321.5     4.15     9.30
1.93     YES
 T_1              0   0.34825E-05  450934.0 3771845.0   333.0     0.00     9.30
2.51     YES
 T_2              0   0.34825E-05  450934.0 3771825.0   332.7     0.00     9.30
2.51     YES
 T_3              0   0.34825E-05  450934.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_4              0   0.34825E-05  450934.0 3771785.0   332.2     0.00     9.30
2.51     YES
 T_5              0   0.34825E-05  450934.0 3771765.0   331.9     0.00     9.30
2.51     YES
 T_6              0   0.34825E-05  450934.0 3771745.0   331.7     0.00     9.30
2.51     YES
 T_7              0   0.34825E-05  450934.0 3771725.0   331.4     0.00     9.30
2.51     YES
 T_8              0   0.34825E-05  450934.0 3771705.0   331.1     0.00     9.30
2.51     YES
 T_9              0   0.34825E-05  450934.0 3771685.0   330.9     0.00     9.30
2.51     YES
 T_10             0   0.34825E-05  450934.0 3771665.0   330.6     0.00     9.30
2.51     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                         ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                         ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 T_11             0   0.34825E-05  450934.0 3771645.0   330.3     0.00     9.30
2.51     YES
 T_12             0   0.34825E-05  450934.0 3771625.0   330.1     0.00     9.30
2.51     YES
 T_13             0   0.34825E-05  450934.0 3771605.0   329.8     0.00     9.30
2.51     YES
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 T_14            0   0.34825E-05  450934.0 3771585.0   329.5     0.00     9.30
2.51     YES
 T_15            0   0.34825E-05  450934.0 3771565.0   329.3     0.00     9.30
2.51     YES
 T_16            0   0.34825E-05  450934.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_17            0   0.34825E-05  450934.0 3771525.0   328.7     0.00     9.30
2.51     YES
 T_18            0   0.34825E-05  450934.0 3771505.0   328.5     0.00     9.30
2.51     YES
 T_19            0   0.34825E-05  450934.0 3771485.0   328.2     0.00     9.30
2.51     YES
 T_20            0   0.34825E-05  450934.0 3771465.0   327.9     0.00     9.30
2.51     YES
 T_21            0   0.34825E-05  450934.0 3771445.0   327.7     0.00     9.30
2.51     YES
 T_22            0   0.34825E-05  450934.0 3771425.0   327.4     0.00     9.30
2.51     YES
 T_23            0   0.34825E-05  450934.0 3771405.0   327.1     0.00     9.30
2.51     YES
 T_24            0   0.34825E-05  450934.0 3771385.0   326.9     0.00     9.30
2.51     YES
 T_25            0   0.34825E-05  450934.0 3771365.0   326.6     0.00     9.30
2.51     YES
 T_26            0   0.34825E-05  450934.0 3771345.0   326.3     0.00     9.30
2.51     YES
 T_27            0   0.34825E-05  450934.0 3771325.0   326.1     0.00     9.30
2.51     YES
 T_28            0   0.34825E-05  450934.0 3771305.0   325.8     0.00     9.30
2.51     YES
 T_29            0   0.34825E-05  450934.0 3771285.0   325.5     0.00     9.30
2.51     YES
 T_30            0   0.34825E-05  450934.0 3771265.0   325.3     0.00     9.30
2.51     YES
 T_31            0   0.34825E-05  450934.0 3771245.0   325.0     0.00     9.30
2.51     YES
 T_32            0   0.34825E-05  450934.0 3771225.0   324.7     0.00     9.30
2.51     YES
 T_33            0   0.34825E-05  450934.0 3771205.0   324.5     0.00     9.30
2.51     YES
 T_34            0   0.34825E-05  450934.0 3771185.0   324.2     0.00     9.30
2.51     YES
 T_35            0   0.34825E-05  450934.0 3771165.0   323.9     0.00     9.30
2.51     YES
 T_36            0   0.34825E-05  450934.0 3771145.0   323.7     0.00     9.30
2.51     YES
 T_37            0   0.34825E-05  450934.0 3771125.0   323.4     0.00     9.30
2.51     YES
 T_38            0   0.34825E-05  450934.0 3771105.0   323.1     0.00     9.30
2.51     YES
```

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 T_39             0   0.34825E-05  450934.0 3771085.0   322.9     0.00     9.30
2.51     YES
 T_40             0   0.34825E-05  450934.0 3771065.0   322.6     0.00     9.30
2.51     YES
 T_41             0   0.34825E-05  450934.0 3771045.0   322.3     0.00     9.30
2.51     YES
 T_42             0   0.34825E-05  450934.0 3771025.0   322.1     0.00     9.30
2.51     YES
 T_43             0   0.34825E-05  450934.0 3771005.0   321.8     0.00     9.30
2.51     YES
 T_44             0   0.34825E-05  450934.0 3770985.0   321.5     0.00     9.30
2.51     YES
 T_45             0   0.34825E-05  450934.0 3770965.0   321.3     0.00     9.30
2.51     YES
 T_46             0   0.34825E-05  450934.0 3770945.0   321.0     0.00     9.30
2.51     YES
 T_47             0   0.34825E-05  450934.0 3770925.0   320.7     0.00     9.30
2.51     YES
 T_48             0   0.34825E-05  450934.0 3770905.0   320.5     0.00     9.30
2.51     YES
 T_49             0   0.34825E-05  450934.0 3770885.0   320.2     0.00     9.30
2.51     YES
 T_50             0   0.34825E-05  450914.0 3771805.0   332.5     0.00     9.30
2.51     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                         ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                         ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 T_51             0   0.34825E-05  450894.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_52             0   0.34825E-05  450874.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_53             0   0.34825E-05  450854.0 3771805.0   332.5     0.00     9.30
2.51     YES
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 T_54            0   0.34825E-05  450834.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_55            0   0.34825E-05  450814.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_56            0   0.34825E-05  450794.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_57            0   0.34825E-05  450774.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_58            0   0.34825E-05  450754.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_59            0   0.34825E-05  450734.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_60            0   0.34825E-05  450714.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_61            0   0.34825E-05  450694.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_62            0   0.34825E-05  450674.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_63            0   0.34825E-05  450654.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_64            0   0.34825E-05  450634.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_65            0   0.34825E-05  450614.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_66            0   0.34825E-05  450594.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_67            0   0.34825E-05  450574.0 3771805.0   332.5     0.00     9.30
2.51     YES
 T_68            0   0.34825E-05  450594.0 3771845.0   333.0     0.00     9.30
2.51     YES
 T_69            0   0.34825E-05  450594.0 3771825.0   332.7     0.00     9.30
2.51     YES
 T_70            0   0.34825E-05  450914.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_71            0   0.34825E-05  450894.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_72            0   0.34825E-05  450874.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_73            0   0.34825E-05  450854.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_74            0   0.34825E-05  450834.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_75            0   0.34825E-05  450814.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_76            0   0.34825E-05  450794.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_77            0   0.34825E-05  450774.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_78            0   0.34825E-05  450754.0 3771545.0   329.0     0.00     9.30
2.51     YES
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```
 T_79             0   0.34825E-05  450734.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_80             0   0.34825E-05  450714.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_81             0   0.34825E-05  450694.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_82             0   0.34825E-05  450674.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_83             0   0.34825E-05  450654.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_84             0   0.34825E-05  450634.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_85             0   0.34825E-05  450614.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_86             0   0.34825E-05  450594.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_87             0   0.34825E-05  450574.0 3771545.0   329.0     0.00     9.30
2.51     YES
 T_88             0   0.34825E-05  450914.0 3771505.0   328.5     0.00     9.30
2.51     YES
 T_89             0   0.34825E-05  450894.0 3771505.0   328.5     0.00     9.30
2.51     YES
 T_90             0   0.34825E-05  450874.0 3771505.0   328.5     0.00     9.30
2.51     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 T_91             0   0.34825E-05  450854.0 3771505.0   328.5     0.00     9.30
2.51     YES
 T_92             0   0.34825E-05  450834.0 3771505.0   328.5     0.00     9.30
2.51     YES
 T_93             0   0.34825E-05  450814.0 3771505.0   328.5     0.00     9.30
2.51     YES
```

T_94		0	0.34825E-05	450794.0	3771505.0	328.5	0.00	9.30
2.51	YES							
T_95		0	0.34825E-05	450774.0	3771505.0	328.5	0.00	9.30
2.51	YES							
T_96		0	0.34825E-05	450754.0	3771505.0	328.5	0.00	9.30
2.51	YES							
T_97		0	0.34825E-05	450734.0	3771505.0	328.5	0.00	9.30
2.51	YES							
T_98		0	0.34825E-05	450714.0	3771505.0	328.5	0.00	9.30
2.51	YES							
T_99		0	0.34825E-05	450694.0	3771505.0	328.5	0.00	9.30
2.51	YES							
T_100		0	0.34825E-05	450674.0	3771505.0	328.5	0.00	9.30
2.51	YES							
T_101		0	0.34825E-05	450654.0	3771505.0	328.5	0.00	9.30
2.51	YES							
T_102		0	0.34825E-05	450634.0	3771505.0	328.5	0.00	9.30
2.51	YES							
T_103		0	0.34825E-05	450614.0	3771505.0	328.5	0.00	9.30
2.51	YES							
T_104		0	0.34825E-05	450894.0	3771485.0	328.2	0.00	9.30
2.51	YES							
T_105		0	0.34825E-05	450894.0	3771465.0	327.9	0.00	9.30
2.51	YES							
T_106		0	0.34825E-05	450894.0	3771445.0	327.7	0.00	9.30
2.51	YES							
T_107		0	0.34825E-05	450894.0	3771425.0	327.4	0.00	9.30
2.51	YES							
T_108		0	0.34825E-05	450894.0	3771405.0	327.1	0.00	9.30
2.51	YES							
T_109		0	0.34825E-05	450894.0	3771385.0	326.9	0.00	9.30
2.51	YES							
T_110		0	0.34825E-05	450894.0	3771365.0	326.6	0.00	9.30
2.51	YES							
T_111		0	0.34825E-05	450894.0	3771345.0	326.3	0.00	9.30
2.51	YES							
T_112		0	0.34825E-05	450894.0	3771325.0	326.1	0.00	9.30
2.51	YES							
T_113		0	0.34825E-05	450894.0	3771305.0	325.8	0.00	9.30
2.51	YES							
T_114		0	0.34825E-05	450894.0	3771285.0	325.5	0.00	9.30
2.51	YES							
T_115		0	0.34825E-05	450894.0	3771265.0	325.3	0.00	9.30
2.51	YES							
T_116		0	0.34825E-05	450894.0	3771245.0	325.0	0.00	9.30
2.51	YES							
T_117		0	0.34825E-05	450894.0	3771225.0	324.7	0.00	9.30
2.51	YES							
T_118		0	0.34825E-05	450894.0	3771205.0	324.5	0.00	9.30
2.51	YES							

```
 T_119           0   0.34825E-05  450894.0 3771185.0   324.2     0.00     9.30
2.51     YES
 T_120           0   0.34825E-05  450894.0 3771165.0   323.9     0.00     9.30
2.51     YES
 T_121           0   0.34825E-05  450894.0 3771145.0   323.7     0.00     9.30
2.51     YES
 T_122           0   0.34825E-05  450894.0 3771125.0   323.4     0.00     9.30
2.51     YES
 T_123           0   0.34825E-05  450894.0 3771105.0   323.1     0.00     9.30
2.51     YES
 T_124           0   0.34825E-05  450894.0 3771085.0   322.9     0.00     9.30
2.51     YES
 T_125           0   0.34825E-05  450894.0 3771065.0   322.6     0.00     9.30
2.51     YES
 T_126           0   0.34825E-05  450894.0 3771045.0   322.3     0.00     9.30
2.51     YES
 T_127           0   0.34825E-05  450894.0 3771025.0   322.1     0.00     9.30
2.51     YES
 T_128           0   0.34825E-05  450894.0 3771005.0   321.8     0.00     9.30
2.51     YES
 T_129           0   0.34825E-05  450894.0 3770985.0   321.5     0.00     9.30
2.51     YES
 T_130           0   0.34825E-05  450894.0 3770965.0   321.3     0.00     9.30
2.51     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 T_131           0   0.34825E-05  450894.0 3770945.0   321.0     0.00     9.30
2.51     YES
 T_132           0   0.34825E-05  450914.0 3770945.0   321.0     0.00     9.30
2.51     YES
 T_133           0   0.34825E-05  450614.0 3771485.0   328.2     0.00     9.30
2.51     YES
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 T_134           0   0.34825E-05  450614.0 3771465.0   327.9     0.00     9.30
2.51     YES
 T_135           0   0.34825E-05  450614.0 3771445.0   327.7     0.00     9.30
2.51     YES
 T_136           0   0.34825E-05  450614.0 3771425.0   327.4     0.00     9.30
2.51     YES
 T_137           0   0.34825E-05  450614.0 3771405.0   327.1     0.00     9.30
2.51     YES
 T_138           0   0.34825E-05  450614.0 3771385.0   326.9     0.00     9.30
2.51     YES
 T_139           0   0.34825E-05  450614.0 3771365.0   326.6     0.00     9.30
2.51     YES
 T_140           0   0.34825E-05  450614.0 3771345.0   326.3     0.00     9.30
2.51     YES
 T_141           0   0.34825E-05  450614.0 3771325.0   326.1     0.00     9.30
2.51     YES
 T_142           0   0.34825E-05  450614.0 3771305.0   325.8     0.00     9.30
2.51     YES
 T_143           0   0.34825E-05  450614.0 3771285.0   325.5     0.00     9.30
2.51     YES
 T_144           0   0.34825E-05  450614.0 3771265.0   325.3     0.00     9.30
2.51     YES
 T_145           0   0.34825E-05  450614.0 3771245.0   325.0     0.00     9.30
2.51     YES
 T_146           0   0.34825E-05  450614.0 3771225.0   324.7     0.00     9.30
2.51     YES
 T_147           0   0.34825E-05  450614.0 3771205.0   324.5     0.00     9.30
2.51     YES
 T_148           0   0.34825E-05  450614.0 3771185.0   324.2     0.00     9.30
2.51     YES
 T_149           0   0.34825E-05  450614.0 3771165.0   323.9     0.00     9.30
2.51     YES
 T_150           0   0.34825E-05  450614.0 3771145.0   323.7     0.00     9.30
2.51     YES
 T_151           0   0.34825E-05  450614.0 3771125.0   323.4     0.00     9.30
2.51     YES
 T_152           0   0.34825E-05  450614.0 3771105.0   323.1     0.00     9.30
2.51     YES
 T_153           0   0.34825E-05  450614.0 3771085.0   322.9     0.00     9.30
2.51     YES
 T_154           0   0.34825E-05  450614.0 3771065.0   322.6     0.00     9.30
2.51     YES
 T_155           0   0.34825E-05  450614.0 3771045.0   322.3     0.00     9.30
2.51     YES
 T_156           0   0.34825E-05  450614.0 3771025.0   322.1     0.00     9.30
2.51     YES
 T_157           0   0.34825E-05  450614.0 3771005.0   321.8     0.00     9.30
2.51     YES
 T_158           0   0.34825E-05  450614.0 3770985.0   321.5     0.00     9.30
2.51     YES
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 T_159           0   0.34825E-05  450614.0 3770965.0   321.3     0.00     9.30
2.51     YES
 T_160           0   0.34825E-05  450614.0 3770945.0   321.0     0.00     9.30
2.51     YES
 T_161           0   0.34825E-05  450614.0 3770925.0   320.7     0.00     9.30
2.51     YES
 T_162           0   0.34825E-05  450614.0 3770905.0   320.5     0.00     9.30
2.51     YES
 T_163           0   0.34825E-05  450614.0 3770885.0   320.2     0.00     9.30
2.51     YES
 FH_E_I15_1      0   0.12382E-06  450947.0 3774062.0   369.0     0.00    13.95
2.40     YES
 FH_E_I15_2      0   0.12382E-06  450977.0 3774062.0   368.9     0.00    13.95
2.40     YES
 FH_E_I15_3      0   0.12382E-06  451007.0 3774062.0   368.8     0.00    13.95
2.40     YES
 FH_E_I15_4      0   0.12382E-06  451037.0 3774062.0   368.6     0.00    13.95
2.40     YES
 FH_E_I15_5      0   0.12382E-06  451067.0 3774062.0   368.5     0.00    13.95
2.40     YES
 FH_E_I15_6      0   0.12382E-06  451097.0 3774062.0   368.4     0.00    13.95
2.40     YES
 FH_E_I15_7      0   0.12382E-06  451127.0 3774062.0   368.3     0.00    13.95
2.40     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                         ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                         ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 FH_E_I15_8      0   0.12382E-06  451157.0 3774062.0   368.2     0.00    13.95
2.40     YES
 FH_E_I15_9      0   0.12382E-06  451187.0 3774062.0   368.0     0.00    13.95
2.40     YES
 FH_E_I15_10     0   0.12382E-06  451217.0 3774062.0   367.9     0.00    13.95
2.40     YES
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 FH_E_I15_11      0   0.12382E-06  451247.0 3774062.0   367.8     0.00    13.95
2.40     YES
 FH_E_I15_12      0   0.12382E-06  451277.0 3774062.0   367.7     0.00    13.95
2.40     YES
 FH_E_I15_13      0   0.12382E-06  451307.0 3774062.0   367.6     0.00    13.95
2.40     YES
 FH_E_I15_14      0   0.12382E-06  451337.0 3774062.0   367.4     0.00    13.95
2.40     YES
 FH_E_I15_15      0   0.12382E-06  451367.0 3774062.0   367.3     0.00    13.95
2.40     YES
 FH_E_I15_16      0   0.12382E-06  451397.0 3774062.0   367.2     0.00    13.95
2.40     YES
 FH_E_I15_17      0   0.12382E-06  451427.0 3774062.0   367.1     0.00    13.95
2.40     YES
 FH_E_I15_18      0   0.14030E-06  451457.0 3774062.0   367.0     0.00    13.95
2.40     YES
 FH_E_I15_19      0   0.12840E-06  451487.0 3774062.0   366.8     0.00    13.95
2.40     YES
 FH_E_I15_20      0   0.12840E-06  451517.0 3774062.0   366.7     0.00    13.95
2.40     YES
 FH_E_I15_21      0   0.12840E-06  451547.0 3774062.0   366.6     0.00    13.95
2.40     YES
 FH_E_I15_22      0   0.12840E-06  451577.0 3774062.0   366.5     0.00    13.95
2.40     YES
 FH_E_I15_23      0   0.12840E-06  451607.0 3774062.0   366.4     0.00    13.95
2.40     YES
 FH_E_I15_24      0   0.12840E-06  451637.0 3774062.0   366.2     0.00    13.95
2.40     YES
 FH_E_I15_25      0   0.12840E-06  451667.0 3774062.0   366.1     0.00    13.95
2.40     YES
 FH_E_I15_26      0   0.12840E-06  451697.0 3774062.0   366.0     0.00    13.95
2.40     YES
 E_S_FH_1         0   0.85590E-07  451688.0 3774045.0   366.0     0.00     9.30
2.29     YES
 E_S_FH_2         0   0.85590E-07  451688.0 3774025.0   365.7     0.00     9.30
2.29     YES
 E_S_FH_3         0   0.85590E-07  451688.0 3774005.0   365.4     0.00     9.30
2.29     YES
 E_S_FH_4         0   0.85590E-07  451688.0 3773985.0   365.1     0.00     9.30
2.29     YES
 E_S_FH_5         0   0.85590E-07  451688.0 3773965.0   364.8     0.00     9.30
2.29     YES
 E_S_FH_6         0   0.85590E-07  451688.0 3773945.0   364.5     0.00     9.30
2.29     YES
 E_S_FH_7         0   0.85590E-07  451688.0 3773925.0   364.2     0.00     9.30
2.29     YES
 E_S_FH_8         0   0.85590E-07  451688.0 3773905.0   363.9     0.00     9.30
2.29     YES
 E_S_FH_9         0   0.85590E-07  451688.0 3773885.0   363.6     0.00     9.30
2.29     YES
```

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 E_S_FH_10        0   0.85590E-07  451688.0 3773865.0   363.3     0.00     9.30
2.29     YES
 E_S_FH_11        0   0.85590E-07  451688.0 3773845.0   363.0     0.00     9.30
2.29     YES
 E_S_FH_12        0   0.85590E-07  451688.0 3773825.0   362.7     0.00     9.30
2.29     YES
 E_S_FH_13        0   0.85590E-07  451688.0 3773805.0   362.4     0.00     9.30
2.29     YES
 E_S_FH_14        0   0.85590E-07  451688.0 3773785.0   362.1     0.00     9.30
2.29     YES
 E_S_FH_15        0   0.85590E-07  451688.0 3773765.0   361.8     0.00     9.30
2.29     YES
 E_S_FH_16        0   0.85590E-07  451688.0 3773745.0   361.5     0.00     9.30
2.29     YES
 E_S_FH_17        0   0.85590E-07  451688.0 3773725.0   361.2     0.00     9.30
2.29     YES
 E_S_FH_18        0   0.85590E-07  451688.0 3773705.0   360.9     0.00     9.30
2.29     YES
 E_S_FH_19        0   0.85590E-07  451688.0 3773685.0   360.6     0.00     9.30
2.29     YES
 E_S_FH_20        0   0.85590E-07  451688.0 3773665.0   360.3     0.00     9.30
2.29     YES
 E_S_FH_21        0   0.85590E-07  451688.0 3773645.0   360.0     0.00     9.30
2.29     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***      14:09:25

                                   PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 E_S_FH_22        0   0.85590E-07  451688.0 3773625.0   359.7     0.00     9.30
2.29     YES
 E_S_FH_23        0   0.85590E-07  451688.0 3773605.0   359.4     0.00     9.30
2.29     YES
 E_S_FH_24        0   0.85590E-07  451688.0 3773585.0   359.1     0.00     9.30
2.29     YES
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 E_S_FH_25        0   0.85590E-07  451688.0 3773565.0   358.8     0.00     9.30
2.29     YES
 E_S_FH_26        0   0.85590E-07  451688.0 3773545.0   358.5     0.00     9.30
2.29     YES
 E_S_FH_27        0   0.85590E-07  451688.0 3773525.0   358.2     0.00     9.30
2.29     YES
 E_S_FH_28        0   0.85590E-07  451688.0 3773505.0   357.9     0.00     9.30
2.29     YES
 E_S_FH_29        0   0.85590E-07  451688.0 3773485.0   357.6     0.00     9.30
2.29     YES
 E_S_FH_30        0   0.85590E-07  451688.0 3773465.0   357.3     0.00     9.30
2.29     YES
 E_S_FH_31        0   0.85590E-07  451688.0 3773445.0   357.0     0.00     9.30
2.29     YES
 E_S_FH_32        0   0.85590E-07  451688.0 3773425.0   356.7     0.00     9.30
2.29     YES
 E_S_FH_33        0   0.85590E-07  451688.0 3773405.0   356.4     0.00     9.30
2.29     YES
 E_S_FH_34        0   0.85590E-07  451688.0 3773385.0   356.1     0.00     9.30
2.29     YES
 E_S_FH_35        0   0.85590E-07  451688.0 3773365.0   355.8     0.00     9.30
2.29     YES
 E_S_FH_36        0   0.85590E-07  451688.0 3773345.0   355.5     0.00     9.30
2.29     YES
 E_S_FH_37        0   0.85590E-07  451688.0 3773325.0   355.2     0.00     9.30
2.29     YES
 E_S_FH_38        0   0.85590E-07  451688.0 3773305.0   354.9     0.00     9.30
2.29     YES
 E_S_FH_39        0   0.85590E-07  451688.0 3773285.0   354.6     0.00     9.30
2.29     YES
 E_S_FH_40        0   0.85590E-07  451688.0 3773265.0   354.3     0.00     9.30
2.29     YES
 E_S_FH_41        0   0.85590E-07  451688.0 3773245.0   354.0     0.00     9.30
2.29     YES
 E_S_FH_42        0   0.85590E-07  451688.0 3773225.0   353.7     0.00     9.30
2.29     YES
 E_S_FH_43        0   0.85590E-07  451688.0 3773205.0   353.4     0.00     9.30
2.29     YES
 E_S_FH_44        0   0.85590E-07  451688.0 3773185.0   353.1     0.00     9.30
2.29     YES
 E_S_FH_45        0   0.85590E-07  451688.0 3773165.0   352.8     0.00     9.30
2.29     YES
 E_S_FH_46        0   0.85590E-07  451688.0 3773145.0   352.5     0.00     9.30
2.29     YES
 E_S_FH_47        0   0.85590E-07  451688.0 3773125.0   352.2     0.00     9.30
2.29     YES
 E_S_FH_48        0   0.85590E-07  451688.0 3773105.0   351.9     0.00     9.30
2.29     YES
 E_S_FH_49        0   0.85590E-07  451688.0 3773085.0   351.6     0.00     9.30
2.29     YES
```

```
 E_S_FH_50        0   0.85590E-07  451688.0 3773065.0   351.3     0.00     9.30
2.29     YES
 E_S_FH_51        0   0.85590E-07  451688.0 3773045.0   351.0     0.00     9.30
2.29     YES
 E_S_FH_52        0   0.85590E-07  451688.0 3773025.0   350.7     0.00     9.30
2.29     YES
 E_S_FH_53        0   0.85590E-07  451688.0 3773005.0   350.4     0.00     9.30
2.29     YES
 E_S_FH_54        0   0.85590E-07  451688.0 3772985.0   350.1     0.00     9.30
2.29     YES
 E_S_FH_55        0   0.85590E-07  451688.0 3772965.0   349.8     0.00     9.30
2.29     YES
 E_S_FH_56        0   0.85590E-07  451688.0 3772945.0   349.5     0.00     9.30
2.29     YES
 E_S_FH_57        0   0.85590E-07  451688.0 3772925.0   349.2     0.00     9.30
2.29     YES
 E_S_FH_58        0   0.85590E-07  451688.0 3772905.0   348.9     0.00     9.30
2.29     YES
 E_S_FH_59        0   0.85590E-07  451688.0 3772885.0   348.6     0.00     9.30
2.29     YES
 E_S_FH_60        0   0.85590E-07  451688.0 3772865.0   348.3     0.00     9.30
2.29     YES
 E_S_FH_61        0   0.85590E-07  451688.0 3772845.0   348.0     0.00     9.30
2.29     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***      14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 E_S_FH_62        0   0.85590E-07  451688.0 3772825.0   347.7     0.00     9.30
2.29     YES
 E_S_FH_63        0   0.85590E-07  451688.0 3772805.0   347.4     0.00     9.30
2.29     YES
 E_S_FH_64        0   0.85590E-07  451688.0 3772785.0   347.1     0.00     9.30
2.29     YES
```

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 E_S_FH_65        0   0.85590E-07  451688.0 3772765.0   346.8     0.00     9.30
2.29     YES
 E_S_FH_66        0   0.85590E-07  451688.0 3772745.0   346.5     0.00     9.30
2.29     YES
 E_S_FH_67        0   0.85590E-07  451688.0 3772725.0   346.2     0.00     9.30
2.29     YES
 E_S_FH_68        0   0.85590E-07  451688.0 3772705.0   345.9     0.00     9.30
2.29     YES
 E_S_FH_69        0   0.85590E-07  451688.0 3772685.0   345.6     0.00     9.30
2.29     YES
 E_S_FH_70        0   0.85590E-07  451688.0 3772665.0   345.3     0.00     9.30
2.29     YES
 E_S_FH_71        0   0.85590E-07  451688.0 3772645.0   345.0     0.00     9.30
2.29     YES
 E_S_FH_72        0   0.85590E-07  451688.0 3772625.0   344.7     0.00     9.30
2.29     YES
 E_S_FH_73        0   0.85590E-07  451688.0 3772605.0   344.4     0.00     9.30
2.29     YES
 E_S_FH_74        0   0.85590E-07  451688.0 3772585.0   344.1     0.00     9.30
2.29     YES
 E_S_FH_75        0   0.85590E-07  451688.0 3772565.0   343.8     0.00     9.30
2.29     YES
 E_S_FH_76        0   0.85590E-07  451688.0 3772545.0   343.5     0.00     9.30
2.29     YES
 E_S_FH_77        0   0.85590E-07  451688.0 3772525.0   343.2     0.00     9.30
2.29     YES
 E_S_FH_78        0   0.85590E-07  451688.0 3772505.0   342.9     0.00     9.30
2.29     YES
 E_S_FH_79        0   0.85590E-07  451688.0 3772485.0   342.6     0.00     9.30
2.29     YES
 E_S_FH_80        0   0.85590E-07  451688.0 3772465.0   342.3     0.00     9.30
2.29     YES
 E_S_FH_81        0   0.85590E-07  451688.0 3772445.0   342.0     0.00     9.30
2.29     YES
 E_S_FH_82        0   0.85590E-07  451688.0 3772425.0   341.7     0.00     9.30
2.29     YES
 E_S_FH_83        0   0.85590E-07  451688.0 3772405.0   341.4     0.00     9.30
2.29     YES
 E_S_FH_84        0   0.85590E-07  451688.0 3772385.0   341.1     0.00     9.30
2.29     YES
 E_S_FH_85        0   0.85590E-07  451688.0 3772365.0   340.8     0.00     9.30
2.29     YES
 E_S_FH_86        0   0.85590E-07  451688.0 3772345.0   340.5     0.00     9.30
2.29     YES
 E_S_FH_87        0   0.85590E-07  451688.0 3772325.0   340.2     0.00     9.30
2.29     YES
 E_S_FH_88        0   0.85590E-07  451688.0 3772305.0   339.9     0.00     9.30
2.29     YES
 E_S_FH_89        0   0.85590E-07  451688.0 3772285.0   339.6     0.00     9.30
2.29     YES
```

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 E_S_FH_90        0   0.85590E-07  451688.0 3772265.0   339.3     0.00     9.30
2.29     YES
 E_S_FH_91        0   0.85590E-07  451688.0 3772245.0   339.0     0.00     9.30
2.29     YES
 E_S_FH_92        0   0.85590E-07  451688.0 3772225.0   338.7     0.00     9.30
2.29     YES
 E_S_FH_93        0   0.85590E-07  451688.0 3772205.0   338.4     0.00     9.30
2.29     YES
 E_S_FH_94        0   0.85590E-07  451688.0 3772185.0   338.1     0.00     9.30
2.29     YES
 E_S_FH_95        0   0.85590E-07  451688.0 3772165.0   337.8     0.00     9.30
2.29     YES
 E_S_FH_96        0   0.85590E-07  451688.0 3772145.0   337.5     0.00     9.30
2.29     YES
 E_S_FH_97        0   0.85590E-07  451688.0 3772125.0   337.2     0.00     9.30
2.29     YES
 E_S_FH_98        0   0.85590E-07  451688.0 3772105.0   336.9     0.00     9.30
2.29     YES
 E_S_FH_99        0   0.85590E-07  451688.0 3772085.0   336.6     0.00     9.30
2.29     YES
 E_S_FH_100       0   0.85590E-07  451688.0 3772065.0   336.3     0.00     9.30
2.29     YES
 E_S_FH_101       0   0.85590E-07  451688.0 3772045.0   336.0     0.00     9.30
2.29     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***      14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 E_S_FH_102       0   0.85590E-07  451688.0 3772025.0   335.7     0.00     9.30
2.29     YES
 E_S_FH_103       0   0.85590E-07  451688.0 3772005.0   335.4     0.00     9.30
2.29     YES
 E_S_FH_104       0   0.85590E-07  451688.0 3771985.0   335.1     0.00     9.30
2.29     YES
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 E_S_FH_105       0   0.85590E-07  451688.0 3771965.0   334.8     0.00     9.30
2.29     YES
 E_S_FH_106       0   0.85590E-07  451688.0 3771945.0   334.5     0.00     9.30
2.29     YES
 E_S_FH_107       0   0.85590E-07  451688.0 3771925.0   334.2     0.00     9.30
2.29     YES
 E_S_FH_108       0   0.85590E-07  451688.0 3771905.0   333.9     0.00     9.30
2.29     YES
 E_S_FH_109       0   0.85590E-07  451688.0 3771885.0   333.6     0.00     9.30
2.29     YES
 E_S_FH_110       0   0.85590E-07  451688.0 3771865.0   333.3     0.00     9.30
2.29     YES
 E_S_FH_111       0   0.85590E-07  451688.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_W_E_1          0   0.85590E-07  451673.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_2          0   0.85590E-07  451653.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_3          0   0.85590E-07  451633.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_4          0   0.85590E-07  451613.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_5          0   0.85590E-07  451593.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_6          0   0.85590E-07  451573.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_7          0   0.85590E-07  451553.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_8          0   0.85590E-07  451533.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_9          0   0.85590E-07  451513.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_10         0   0.85590E-07  451493.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_11         0   0.85590E-07  451473.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_12         0   0.85590E-07  451453.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_13         0   0.85590E-07  451433.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_14         0   0.85590E-07  451413.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_15         0   0.85590E-07  451393.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_16         0   0.85590E-07  451373.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_17         0   0.85590E-07  451353.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_18         0   0.85590E-07  451333.0 3771857.0   333.0     0.00     9.30
2.29     YES
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 6_W_E_19         0   0.85590E-07  451313.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_20         0   0.85590E-07  451293.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_21         0   0.85590E-07  451273.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_22         0   0.85590E-07  451253.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_23         0   0.85590E-07  451233.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_24         0   0.85590E-07  451213.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_25         0   0.85590E-07  451193.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_26         0   0.85590E-07  451173.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_27         0   0.85590E-07  451153.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_28         0   0.85590E-07  451133.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_29         0   0.85590E-07  451113.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_30         0   0.85590E-07  451093.0 3771857.0   333.0     0.00     9.30
2.29     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                         ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                         ***       14:09:25

                                   PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 6_W_E_31         0   0.85590E-07  451073.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_32         0   0.85590E-07  451053.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_33         0   0.85590E-07  451033.0 3771857.0   333.0     0.00     9.30
2.29     YES
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 6_W_E_34         0   0.85590E-07  451013.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_35         0   0.85590E-07  450993.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_36         0   0.85590E-07  450973.0 3771857.0   333.0     0.00     9.30
2.29     YES
 6_W_E_37         0   0.85590E-07  450953.0 3771857.0   333.0     0.00     9.30
2.29     YES
 SB_W_E_1         0   0.51350E-07  452516.0 3770885.0   321.0     0.00    11.16
2.33     YES
 SB_W_E_2         0   0.51350E-07  452492.0 3770885.0   321.0     0.00    11.16
2.33     YES
 SB_W_E_3         0   0.51350E-07  452468.0 3770885.0   320.9     0.00    11.16
2.33     YES
 SB_W_E_4         0   0.51350E-07  452444.0 3770885.0   320.9     0.00    11.16
2.33     YES
 SB_W_E_5         0   0.51350E-07  452420.0 3770885.0   320.8     0.00    11.16
2.33     YES
 SB_W_E_6         0   0.51350E-07  452396.0 3770885.0   320.8     0.00    11.16
2.33     YES
 SB_W_E_7         0   0.51350E-07  452372.0 3770885.0   320.7     0.00    11.16
2.33     YES
 SB_W_E_8         0   0.51350E-07  452348.0 3770885.0   320.7     0.00    11.16
2.33     YES
 SB_W_E_9         0   0.51350E-07  452324.0 3770885.0   320.6     0.00    11.16
2.33     YES
 SB_W_E_10        0   0.51350E-07  452300.0 3770885.0   320.6     0.00    11.16
2.33     YES
 SB_W_E_11        0   0.51350E-07  452276.0 3770885.0   320.5     0.00    11.16
2.33     YES
 SB_W_E_12        0   0.51350E-07  452252.0 3770885.0   320.5     0.00    11.16
2.33     YES
 SB_W_E_13        0   0.51350E-07  452228.0 3770885.0   320.4     0.00    11.16
2.33     YES
 SB_W_E_14        0   0.51350E-07  452204.0 3770885.0   320.4     0.00    11.16
2.33     YES
 SB_W_E_15        0   0.51350E-07  452180.0 3770885.0   320.4     0.00    11.16
2.33     YES
 SB_W_E_16        0   0.51350E-07  452156.0 3770885.0   320.3     0.00    11.16
2.33     YES
 SB_W_E_17        0   0.51350E-07  452132.0 3770885.0   320.3     0.00    11.16
2.33     YES
 SB_W_E_18        0   0.51350E-07  452108.0 3770885.0   320.2     0.00    11.16
2.33     YES
 SB_W_E_19        0   0.51350E-07  452084.0 3770885.0   320.2     0.00    11.16
2.33     YES
 SB_W_E_20        0   0.51350E-07  452060.0 3770885.0   320.1     0.00    11.16
2.33     YES
 SB_W_E_21        0   0.51350E-07  452036.0 3770885.0   320.1     0.00    11.16
2.33     YES
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 SB_W_E_22        0   0.51350E-07  452012.0 3770885.0   320.0     0.00    11.16
2.33     YES
 SB_W_E_23        0   0.51350E-07  451988.0 3770885.0   320.0     0.00    11.16
2.33     YES
 SB_W_E_24        0   0.51350E-07  451964.0 3770885.0   319.9     0.00    11.16
2.33     YES
 SB_W_E_25        0   0.51350E-07  451940.0 3770885.0   319.9     0.00    11.16
2.33     YES
 SB_W_E_26        0   0.51350E-07  451916.0 3770885.0   319.8     0.00    11.16
2.33     YES
 SB_W_E_27        0   0.51350E-07  451892.0 3770885.0   319.8     0.00    11.16
2.33     YES
 SB_W_E_28        0   0.51350E-07  451868.0 3770885.0   319.8     0.00    11.16
2.33     YES
 SB_W_E_29        0   0.51350E-07  451844.0 3770885.0   319.7     0.00    11.16
2.33     YES
 SB_W_E_30        0   0.51350E-07  451820.0 3770885.0   319.7     0.00    11.16
2.33     YES
 SB_W_E_31        0   0.51350E-07  451796.0 3770885.0   319.6     0.00    11.16
2.33     YES
 SB_W_E_32        0   0.51350E-07  451772.0 3770885.0   319.6     0.00    11.16
2.33     YES
 SB_W_E_33        0   0.51350E-07  451748.0 3770885.0   319.5     0.00    11.16
2.33     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***      14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 SB_W_E_34        0   0.51350E-07  451724.0 3770885.0   319.5     0.00    11.16
2.33     YES
 4_W_E_1          0   0.61870E-06  451700.0 3770885.0   319.4     0.00    11.16
2.33     YES
 4_W_E_2          0   0.61870E-06  451676.0 3770885.0   319.4     0.00    11.16
2.33     YES
```

4_W_E_3	0	0.61870E-06	451652.0	3770885.0	319.3	0.00	11.16	2.33 YES
4_W_E_4	0	0.61870E-06	451628.0	3770885.0	319.3	0.00	11.16	2.33 YES
4_W_E_5	0	0.61870E-06	451604.0	3770885.0	319.2	0.00	11.16	2.33 YES
4_W_E_6	0	0.61870E-06	451580.0	3770885.0	319.2	0.00	11.16	2.33 YES
4_W_E_7	0	0.61870E-06	451556.0	3770885.0	319.2	0.00	11.16	2.33 YES
4_W_E_8	0	0.61870E-06	451532.0	3770885.0	319.1	0.00	11.16	2.33 YES
4_W_E_9	0	0.61870E-06	451508.0	3770885.0	319.1	0.00	11.16	2.33 YES
4_W_E_10	0	0.61870E-06	451484.0	3770885.0	319.0	0.00	11.16	2.33 YES
4_W_E_11	0	0.61870E-06	451460.0	3770885.0	319.0	0.00	11.16	2.33 YES
4_W_E_12	0	0.61870E-06	451436.0	3770885.0	318.9	0.00	11.16	2.33 YES
4_W_E_13	0	0.61870E-06	451412.0	3770885.0	318.9	0.00	11.16	2.33 YES
4_W_E_14	0	0.61870E-06	451388.0	3770885.0	318.8	0.00	11.16	2.33 YES
4_W_E_15	0	0.61870E-06	451364.0	3770885.0	318.8	0.00	11.16	2.33 YES
4_W_E_16	0	0.61870E-06	451340.0	3770885.0	318.7	0.00	11.16	2.33 YES
4_W_E_17	0	0.61870E-06	451316.0	3770885.0	318.7	0.00	11.16	2.33 YES
4_W_E_18	0	0.61870E-06	451292.0	3770885.0	318.6	0.00	11.16	2.33 YES
4_W_E_19	0	0.61870E-06	451268.0	3770885.0	318.6	0.00	11.16	2.33 YES
4_W_E_20	0	0.61870E-06	451244.0	3770885.0	318.6	0.00	11.16	2.33 YES
4_W_E_21	0	0.61870E-06	451220.0	3770885.0	318.5	0.00	11.16	2.33 YES
4_W_E_22	0	0.61870E-06	451196.0	3770885.0	318.5	0.00	11.16	2.33 YES
4_W_E_23	0	0.61870E-06	451172.0	3770885.0	318.4	0.00	11.16	2.33 YES
4_W_E_24	0	0.61870E-06	451148.0	3770885.0	318.4	0.00	11.16	2.33 YES
4_W_E_25	0	0.61870E-06	451124.0	3770885.0	318.3	0.00	11.16	2.33 YES
4_W_E_26	0	0.61870E-06	451100.0	3770885.0	318.3	0.00	11.16	2.33 YES
4_W_E_27	0	0.61870E-06	451076.0	3770885.0	318.2	0.00	11.16	2.33 YES

```
 4_W_E_28         0   0.61870E-06  451052.0 3770885.0   318.2     0.00    11.16
2.33     YES
 4_W_E_29         0   0.61870E-06  451028.0 3770885.0   318.1     0.00    11.16
2.33     YES
 4_W_E_30         0   0.61870E-06  451004.0 3770885.0   318.1     0.00    11.16
2.33     YES
 4_W_E_31         0   0.61870E-06  450980.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_E_32         0   0.61870E-06  450956.0 3770885.0   318.0     0.00    11.16
2.33     YES
 E_N_4_I10_1      0   0.47280E-06  451700.0 3769805.0   306.0     0.00     9.30
2.29     YES
 E_N_4_I10_2      0   0.47280E-06  451700.0 3769825.0   306.3     0.00     9.30
2.29     YES
 E_N_4_I10_3      0   0.47280E-06  451700.0 3769845.0   306.5     0.00     9.30
2.29     YES
 E_N_4_I10_4      0   0.47280E-06  451700.0 3769865.0   306.8     0.00     9.30
2.29     YES
 E_N_4_I10_5      0   0.47280E-06  451700.0 3769885.0   307.1     0.00     9.30
2.29     YES
 E_N_4_I10_6      0   0.47280E-06  451700.0 3769905.0   307.3     0.00     9.30
2.29     YES
 E_N_4_I10_7      0   0.47280E-06  451700.0 3769925.0   307.6     0.00     9.30
2.29     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                         ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                         ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 E_N_4_I10_8      0   0.47280E-06  451700.0 3769945.0   307.9     0.00     9.30
2.29     YES
 E_N_4_I10_9      0   0.47280E-06  451700.0 3769965.0   308.1     0.00     9.30
2.29     YES
 E_N_4_I10_10     0   0.47280E-06  451700.0 3769985.0   308.4     0.00     9.30
2.29     YES
```

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 E_N_4_I10_11     0   0.47280E-06  451700.0 3770005.0   308.7     0.00     9.30
2.29     YES
 E_N_4_I10_12     0   0.47280E-06  451700.0 3770025.0   308.9     0.00     9.30
2.29     YES
 E_N_4_I10_13     0   0.47280E-06  451700.0 3770045.0   309.2     0.00     9.30
2.29     YES
 E_N_4_I10_14     0   0.51650E-06  451700.0 3770065.0   309.5     0.00     9.30
2.29     YES
 E_N_4_I10_15     0   0.51650E-06  451700.0 3770085.0   309.7     0.00     9.30
2.29     YES
 E_N_4_I10_16     0   0.51650E-06  451700.0 3770105.0   310.0     0.00     9.30
2.29     YES
 E_N_4_I10_17     0   0.51650E-06  451700.0 3770125.0   310.3     0.00     9.30
2.29     YES
 E_N_4_I10_18     0   0.51650E-06  451700.0 3770145.0   310.5     0.00     9.30
2.29     YES
 E_N_4_I10_19     0   0.51650E-06  451700.0 3770165.0   310.8     0.00     9.30
2.29     YES
 E_N_4_I10_20     0   0.51650E-06  451700.0 3770185.0   311.1     0.00     9.30
2.29     YES
 E_N_4_I10_21     0   0.51650E-06  451700.0 3770205.0   311.3     0.00     9.30
2.29     YES
 E_N_4_I10_22     0   0.51650E-06  451700.0 3770225.0   311.6     0.00     9.30
2.29     YES
 E_N_4_I10_23     0   0.51650E-06  451700.0 3770245.0   311.9     0.00     9.30
2.29     YES
 E_N_4_I10_24     0   0.51650E-06  451700.0 3770265.0   312.1     0.00     9.30
2.29     YES
 E_N_4_I10_25     0   0.51650E-06  451700.0 3770285.0   312.4     0.00     9.30
2.29     YES
 E_N_4_I10_26     0   0.51650E-06  451700.0 3770305.0   312.7     0.00     9.30
2.29     YES
 E_N_4_I10_27     0   0.51650E-06  451700.0 3770325.0   313.0     0.00     9.30
2.29     YES
 E_N_4_I10_28     0   0.51650E-06  451700.0 3770345.0   313.2     0.00     9.30
2.29     YES
 E_N_4_I10_29     0   0.51650E-06  451700.0 3770365.0   313.5     0.00     9.30
2.29     YES
 E_N_4_I10_30     0   0.51650E-06  451700.0 3770385.0   313.8     0.00     9.30
2.29     YES
 E_N_4_I10_31     0   0.51650E-06  451700.0 3770405.0   314.0     0.00     9.30
2.29     YES
 E_N_4_I10_32     0   0.51650E-06  451700.0 3770425.0   314.3     0.00     9.30
2.29     YES
 E_N_4_I10_33     0   0.51650E-06  451700.0 3770445.0   314.6     0.00     9.30
2.29     YES
 E_N_4_I10_34     0   0.51650E-06  451700.0 3770465.0   314.8     0.00     9.30
2.29     YES
 E_N_4_I10_35     0   0.51650E-06  451700.0 3770485.0   315.1     0.00     9.30
2.29     YES
```

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 E_N_4_I10_36     0   0.51650E-06  451700.0 3770505.0   315.4     0.00     9.30
2.29     YES
 E_N_4_I10_37     0   0.51650E-06  451700.0 3770525.0   315.6     0.00     9.30
2.29     YES
 E_N_4_I10_38     0   0.51650E-06  451700.0 3770545.0   315.9     0.00     9.30
2.29     YES
 E_N_4_I10_39     0   0.51650E-06  451700.0 3770565.0   316.2     0.00     9.30
2.29     YES
 E_N_4_I10_40     0   0.51650E-06  451700.0 3770585.0   316.4     0.00     9.30
2.29     YES
 E_N_4_I10_41     0   0.51650E-06  451700.0 3770605.0   316.7     0.00     9.30
2.29     YES
 E_N_4_I10_42     0   0.51650E-06  451700.0 3770625.0   317.0     0.00     9.30
2.29     YES
 E_N_4_I10_43     0   0.51650E-06  451700.0 3770645.0   317.2     0.00     9.30
2.29     YES
 E_N_4_I10_44     0   0.51650E-06  451700.0 3770665.0   317.5     0.00     9.30
2.29     YES
 E_N_4_I10_45     0   0.51650E-06  451700.0 3770685.0   317.8     0.00     9.30
2.29     YES
 E_N_4_I10_46     0   0.51650E-06  451700.0 3770705.0   318.0     0.00     9.30
2.29     YES
 E_N_4_I10_47     0   0.51650E-06  451700.0 3770725.0   318.3     0.00     9.30
2.29     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

                                   PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 E_N_4_I10_48     0   0.51650E-06  451700.0 3770745.0   318.6     0.00     9.30
2.29     YES
 E_N_4_I10_49     0   0.51650E-06  451700.0 3770765.0   318.8     0.00     9.30
2.29     YES
 E_N_4_I10_50     0   0.51650E-06  451700.0 3770785.0   319.1     0.00     9.30
2.29     YES
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 E_N_4_I10_51     0   0.51650E-06  451700.0 3770805.0   319.4     0.00     9.30
2.29     YES
 E_N_4_I10_52     0   0.51650E-06  451700.0 3770825.0   319.6     0.00     9.30
2.29     YES
 E_N_4_I10_53     0   0.51650E-06  451700.0 3770845.0   319.9     0.00     9.30
2.29     YES
 E_N_4_I10_54     0   0.51650E-06  451700.0 3770865.0   320.2     0.00     9.30
2.29     YES
 4_E_I15_1        0   0.33670E-06  449779.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_2        0   0.33670E-06  449803.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_3        0   0.33670E-06  449827.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_4        0   0.33670E-06  449851.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_5        0   0.33670E-06  449875.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_6        0   0.33670E-06  449899.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_7        0   0.33670E-06  449923.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_8        0   0.33670E-06  449947.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_9        0   0.33670E-06  449971.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_10       0   0.33670E-06  449995.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_11       0   0.33670E-06  450019.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_12       0   0.33670E-06  450043.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_13       0   0.33670E-06  450067.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_14       0   0.33670E-06  450091.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_15       0   0.33670E-06  450115.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_16       0   0.33670E-06  450139.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_17       0   0.33670E-06  450163.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_18       0   0.33670E-06  450187.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_19       0   0.33670E-06  450211.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_20       0   0.33670E-06  450235.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_21       0   0.33670E-06  450259.0 3770873.0   318.0     0.00    11.16
2.33     YES
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```
 4_E_I15_22       0   0.33670E-06  450283.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_23       0   0.33670E-06  450307.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_24       0   0.33670E-06  450331.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_25       0   0.33670E-06  450355.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_26       0   0.33670E-06  450379.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_27       0   0.33670E-06  450403.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_28       0   0.33670E-06  450427.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_29       0   0.33670E-06  450451.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_30       0   0.33670E-06  450475.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_31       0   0.33670E-06  450499.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_32       0   0.33670E-06  450523.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_I15_33       0   0.33670E-06  450547.0 3770873.0   318.0     0.00    11.16
2.33     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 FH_W_I15_1       0   0.14030E-06  451697.0 3774079.0   366.0     0.00    13.95
2.40     YES
 FH_W_I15_2       0   0.14030E-06  451667.0 3774079.0   366.1     0.00    13.95
2.40     YES
 FH_W_I15_3       0   0.14030E-06  451637.0 3774079.0   366.2     0.00    13.95
2.40     YES
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```
 FH_W_I15_4       0   0.14030E-06  451607.0 3774079.0   366.4     0.00    13.95
2.40     YES
 FH_W_I15_5       0   0.14030E-06  451577.0 3774079.0   366.5     0.00    13.95
2.40     YES
 FH_W_I15_6       0   0.14030E-06  451547.0 3774079.0   366.6     0.00    13.95
2.40     YES
 FH_W_I15_7       0   0.14030E-06  451517.0 3774079.0   366.7     0.00    13.95
2.40     YES
 FH_W_I15_8       0   0.14030E-06  451487.0 3774079.0   366.8     0.00    13.95
2.40     YES
 FH_W_I15_9       0   0.14030E-06  451457.0 3774079.0   367.0     0.00    13.95
2.40     YES
 FH_W_I15_10      0   0.14030E-06  451427.0 3774079.0   367.1     0.00    13.95
2.40     YES
 FH_W_I15_11      0   0.14030E-06  451397.0 3774079.0   367.2     0.00    13.95
2.40     YES
 FH_W_I15_12      0   0.14030E-06  451367.0 3774079.0   367.3     0.00    13.95
2.40     YES
 FH_W_I15_13      0   0.14030E-06  451337.0 3774079.0   367.4     0.00    13.95
2.40     YES
 FH_W_I15_14      0   0.14030E-06  451307.0 3774079.0   367.6     0.00    13.95
2.40     YES
 FH_W_I15_15      0   0.14030E-06  451277.0 3774079.0   367.7     0.00    13.95
2.40     YES
 FH_W_I15_16      0   0.14030E-06  451247.0 3774079.0   367.8     0.00    13.95
2.40     YES
 FH_W_I15_17      0   0.14030E-06  451217.0 3774079.0   367.9     0.00    13.95
2.40     YES
 FH_W_I15_18      0   0.14030E-06  451187.0 3774079.0   368.0     0.00    13.95
2.40     YES
 FH_W_I15_19      0   0.14030E-06  451157.0 3774079.0   368.2     0.00    13.95
2.40     YES
 FH_W_I15_20      0   0.14030E-06  451127.0 3774079.0   368.3     0.00    13.95
2.40     YES
 FH_W_I15_21      0   0.14030E-06  451097.0 3774079.0   368.4     0.00    13.95
2.40     YES
 FH_W_I15_22      0   0.14030E-06  451067.0 3774079.0   368.5     0.00    13.95
2.40     YES
 FH_W_I15_23      0   0.14030E-06  451037.0 3774079.0   368.6     0.00    13.95
2.40     YES
 FH_W_I15_24      0   0.14030E-06  451007.0 3774079.0   368.8     0.00    13.95
2.40     YES
 FH_W_I15_25      0   0.14030E-06  450977.0 3774079.0   368.9     0.00    13.95
2.40     YES
 E_N_FH_1         0   0.93530E-07  451700.0 3771845.0   333.0     0.00     9.30
2.29     YES
 E_N_FH_2         0   0.93530E-07  451700.0 3771865.0   333.3     0.00     9.30
2.29     YES
 E_N_FH_3         0   0.93530E-07  451700.0 3771885.0   333.6     0.00     9.30
2.29     YES
```

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 E_N_FH_4         0   0.93530E-07  451700.0 3771905.0   333.9     0.00     9.30
2.29     YES
 E_N_FH_5         0   0.93530E-07  451700.0 3771925.0   334.2     0.00     9.30
2.29     YES
 E_N_FH_6         0   0.93530E-07  451700.0 3771945.0   334.5     0.00     9.30
2.29     YES
 E_N_FH_7         0   0.93530E-07  451700.0 3771965.0   334.8     0.00     9.30
2.29     YES
 E_N_FH_8         0   0.93530E-07  451700.0 3771985.0   335.1     0.00     9.30
2.29     YES
 E_N_FH_9         0   0.93530E-07  451700.0 3772005.0   335.4     0.00     9.30
2.29     YES
 E_N_FH_10        0   0.93530E-07  451700.0 3772025.0   335.7     0.00     9.30
2.29     YES
 E_N_FH_11        0   0.93530E-07  451700.0 3772045.0   336.0     0.00     9.30
2.29     YES
 E_N_FH_12        0   0.93530E-07  451700.0 3772065.0   336.3     0.00     9.30
2.29     YES
 E_N_FH_13        0   0.93530E-07  451700.0 3772085.0   336.6     0.00     9.30
2.29     YES
 E_N_FH_14        0   0.93530E-07  451700.0 3772105.0   336.9     0.00     9.30
2.29     YES
 E_N_FH_15        0   0.93530E-07  451700.0 3772125.0   337.2     0.00     9.30
2.29     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***      14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 E_N_FH_16        0   0.93530E-07  451700.0 3772145.0   337.5     0.00     9.30
2.29     YES
 E_N_FH_17        0   0.93530E-07  451700.0 3772165.0   337.8     0.00     9.30
2.29     YES
 E_N_FH_18        0   0.93530E-07  451700.0 3772185.0   338.1     0.00     9.30
2.29     YES
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 E_N_FH_19        0   0.93530E-07  451700.0 3772205.0   338.4     0.00     9.30
2.29     YES
 E_N_FH_20        0   0.93530E-07  451700.0 3772225.0   338.7     0.00     9.30
2.29     YES
 E_N_FH_21        0   0.93530E-07  451700.0 3772245.0   339.0     0.00     9.30
2.29     YES
 E_N_FH_22        0   0.93530E-07  451700.0 3772265.0   339.3     0.00     9.30
2.29     YES
 E_N_FH_23        0   0.93530E-07  451700.0 3772285.0   339.6     0.00     9.30
2.29     YES
 E_N_FH_24        0   0.93530E-07  451700.0 3772305.0   339.9     0.00     9.30
2.29     YES
 E_N_FH_25        0   0.93530E-07  451700.0 3772325.0   340.2     0.00     9.30
2.29     YES
 E_N_FH_26        0   0.93530E-07  451700.0 3772345.0   340.5     0.00     9.30
2.29     YES
 E_N_FH_27        0   0.93530E-07  451700.0 3772365.0   340.8     0.00     9.30
2.29     YES
 E_N_FH_28        0   0.93530E-07  451700.0 3772385.0   341.1     0.00     9.30
2.29     YES
 E_N_FH_29        0   0.93530E-07  451700.0 3772405.0   341.4     0.00     9.30
2.29     YES
 E_N_FH_30        0   0.93530E-07  451700.0 3772425.0   341.7     0.00     9.30
2.29     YES
 E_N_FH_31        0   0.93530E-07  451700.0 3772445.0   342.0     0.00     9.30
2.29     YES
 E_N_FH_32        0   0.93530E-07  451700.0 3772465.0   342.3     0.00     9.30
2.29     YES
 E_N_FH_33        0   0.93530E-07  451700.0 3772485.0   342.6     0.00     9.30
2.29     YES
 E_N_FH_34        0   0.93530E-07  451700.0 3772505.0   342.9     0.00     9.30
2.29     YES
 E_N_FH_35        0   0.93530E-07  451700.0 3772525.0   343.2     0.00     9.30
2.29     YES
 E_N_FH_36        0   0.93530E-07  451700.0 3772545.0   343.5     0.00     9.30
2.29     YES
 E_N_FH_37        0   0.93530E-07  451700.0 3772565.0   343.8     0.00     9.30
2.29     YES
 E_N_FH_38        0   0.93530E-07  451700.0 3772585.0   344.1     0.00     9.30
2.29     YES
 E_N_FH_39        0   0.93530E-07  451700.0 3772605.0   344.4     0.00     9.30
2.29     YES
 E_N_FH_40        0   0.93530E-07  451700.0 3772625.0   344.7     0.00     9.30
2.29     YES
 E_N_FH_41        0   0.93530E-07  451700.0 3772645.0   345.0     0.00     9.30
2.29     YES
 E_N_FH_42        0   0.93530E-07  451700.0 3772665.0   345.3     0.00     9.30
2.29     YES
 E_N_FH_43        0   0.93530E-07  451700.0 3772685.0   345.6     0.00     9.30
2.29     YES
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 E_N_FH_44        0   0.93530E-07  451700.0 3772705.0   345.9     0.00     9.30
2.29     YES
 E_N_FH_45        0   0.93530E-07  451700.0 3772725.0   346.2     0.00     9.30
2.29     YES
 E_N_FH_46        0   0.93530E-07  451700.0 3772745.0   346.5     0.00     9.30
2.29     YES
 E_N_FH_47        0   0.93530E-07  451700.0 3772765.0   346.8     0.00     9.30
2.29     YES
 E_N_FH_48        0   0.93530E-07  451700.0 3772785.0   347.1     0.00     9.30
2.29     YES
 E_N_FH_49        0   0.93530E-07  451700.0 3772805.0   347.4     0.00     9.30
2.29     YES
 E_N_FH_50        0   0.93530E-07  451700.0 3772825.0   347.7     0.00     9.30
2.29     YES
 E_N_FH_51        0   0.93530E-07  451700.0 3772845.0   348.0     0.00     9.30
2.29     YES
 E_N_FH_52        0   0.93530E-07  451700.0 3772865.0   348.3     0.00     9.30
2.29     YES
 E_N_FH_53        0   0.93530E-07  451700.0 3772885.0   348.6     0.00     9.30
2.29     YES
 E_N_FH_54        0   0.93530E-07  451700.0 3772905.0   348.9     0.00     9.30
2.29     YES
 E_N_FH_55        0   0.93530E-07  451700.0 3772925.0   349.2     0.00     9.30
2.29     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***      14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 E_N_FH_56        0   0.93530E-07  451700.0 3772945.0   349.5     0.00     9.30
2.29     YES
 E_N_FH_57        0   0.93530E-07  451700.0 3772965.0   349.8     0.00     9.30
2.29     YES
 E_N_FH_58        0   0.93530E-07  451700.0 3772985.0   350.1     0.00     9.30
2.29     YES
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 E_N_FH_59        0   0.93530E-07  451700.0 3773005.0   350.4     0.00     9.30
2.29     YES
 E_N_FH_60        0   0.93530E-07  451700.0 3773025.0   350.7     0.00     9.30
2.29     YES
 E_N_FH_61        0   0.93530E-07  451700.0 3773045.0   351.0     0.00     9.30
2.29     YES
 E_N_FH_62        0   0.93530E-07  451700.0 3773065.0   351.3     0.00     9.30
2.29     YES
 E_N_FH_63        0   0.93530E-07  451700.0 3773085.0   351.6     0.00     9.30
2.29     YES
 E_N_FH_64        0   0.93530E-07  451700.0 3773105.0   351.9     0.00     9.30
2.29     YES
 E_N_FH_65        0   0.93530E-07  451700.0 3773125.0   352.2     0.00     9.30
2.29     YES
 E_N_FH_66        0   0.93530E-07  451700.0 3773145.0   352.5     0.00     9.30
2.29     YES
 E_N_FH_67        0   0.93530E-07  451700.0 3773165.0   352.8     0.00     9.30
2.29     YES
 E_N_FH_68        0   0.93530E-07  451700.0 3773185.0   353.1     0.00     9.30
2.29     YES
 E_N_FH_69        0   0.93530E-07  451700.0 3773205.0   353.4     0.00     9.30
2.29     YES
 E_N_FH_70        0   0.93530E-07  451700.0 3773225.0   353.7     0.00     9.30
2.29     YES
 E_N_FH_71        0   0.93530E-07  451700.0 3773245.0   354.0     0.00     9.30
2.29     YES
 E_N_FH_72        0   0.93530E-07  451700.0 3773265.0   354.3     0.00     9.30
2.29     YES
 E_N_FH_73        0   0.93530E-07  451700.0 3773285.0   354.6     0.00     9.30
2.29     YES
 E_N_FH_74        0   0.93530E-07  451700.0 3773305.0   354.9     0.00     9.30
2.29     YES
 E_N_FH_75        0   0.93530E-07  451700.0 3773325.0   355.2     0.00     9.30
2.29     YES
 E_N_FH_76        0   0.93530E-07  451700.0 3773345.0   355.5     0.00     9.30
2.29     YES
 E_N_FH_77        0   0.93530E-07  451700.0 3773365.0   355.8     0.00     9.30
2.29     YES
 E_N_FH_78        0   0.93530E-07  451700.0 3773385.0   356.1     0.00     9.30
2.29     YES
 E_N_FH_79        0   0.93530E-07  451700.0 3773405.0   356.4     0.00     9.30
2.29     YES
 E_N_FH_80        0   0.93530E-07  451700.0 3773425.0   356.7     0.00     9.30
2.29     YES
 E_N_FH_81        0   0.93530E-07  451700.0 3773445.0   357.0     0.00     9.30
2.29     YES
 E_N_FH_82        0   0.93530E-07  451700.0 3773465.0   357.3     0.00     9.30
2.29     YES
 E_N_FH_83        0   0.93530E-07  451700.0 3773485.0   357.6     0.00     9.30
2.29     YES
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 E_N_FH_84        0   0.93530E-07  451700.0 3773505.0   357.9     0.00     9.30
2.29     YES
 E_N_FH_85        0   0.93530E-07  451700.0 3773525.0   358.2     0.00     9.30
2.29     YES
 E_N_FH_86        0   0.93530E-07  451700.0 3773545.0   358.5     0.00     9.30
2.29     YES
 E_N_FH_87        0   0.93530E-07  451700.0 3773565.0   358.8     0.00     9.30
2.29     YES
 E_N_FH_88        0   0.93530E-07  451700.0 3773585.0   359.1     0.00     9.30
2.29     YES
 E_N_FH_89        0   0.93530E-07  451700.0 3773605.0   359.4     0.00     9.30
2.29     YES
 E_N_FH_90        0   0.93530E-07  451700.0 3773625.0   359.7     0.00     9.30
2.29     YES
 E_N_FH_91        0   0.93530E-07  451700.0 3773645.0   360.0     0.00     9.30
2.29     YES
 E_N_FH_92        0   0.93530E-07  451700.0 3773665.0   360.3     0.00     9.30
2.29     YES
 E_N_FH_93        0   0.93530E-07  451700.0 3773685.0   360.6     0.00     9.30
2.29     YES
 E_N_FH_94        0   0.93530E-07  451700.0 3773705.0   360.9     0.00     9.30
2.29     YES
 E_N_FH_95        0   0.93530E-07  451700.0 3773725.0   361.2     0.00     9.30
2.29     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 E_N_FH_96        0   0.93530E-07  451700.0 3773745.0   361.5     0.00     9.30
2.29     YES
 E_N_FH_97        0   0.93530E-07  451700.0 3773765.0   361.8     0.00     9.30
2.29     YES
 E_N_FH_98        0   0.93530E-07  451700.0 3773785.0   362.1     0.00     9.30
2.29     YES
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 E_N_FH_99        0   0.93530E-07  451700.0 3773805.0   362.4     0.00     9.30
2.29     YES
 E_N_FH_100       0   0.93530E-07  451700.0 3773825.0   362.7     0.00     9.30
2.29     YES
 E_N_FH_101       0   0.93530E-07  451700.0 3773845.0   363.0     0.00     9.30
2.29     YES
 E_N_FH_102       0   0.93530E-07  451700.0 3773865.0   363.3     0.00     9.30
2.29     YES
 E_N_FH_103       0   0.93530E-07  451700.0 3773885.0   363.6     0.00     9.30
2.29     YES
 E_N_FH_104       0   0.93530E-07  451700.0 3773905.0   363.9     0.00     9.30
2.29     YES
 E_N_FH_105       0   0.93530E-07  451700.0 3773925.0   364.2     0.00     9.30
2.29     YES
 E_N_FH_106       0   0.93530E-07  451700.0 3773945.0   364.5     0.00     9.30
2.29     YES
 E_N_FH_107       0   0.93530E-07  451700.0 3773965.0   364.8     0.00     9.30
2.29     YES
 E_N_FH_108       0   0.93530E-07  451700.0 3773985.0   365.1     0.00     9.30
2.29     YES
 E_N_FH_109       0   0.93530E-07  451700.0 3774005.0   365.4     0.00     9.30
2.29     YES
 E_N_FH_110       0   0.93530E-07  451700.0 3774025.0   365.7     0.00     9.30
2.29     YES
 E_N_FH_111       0   0.93530E-07  451700.0 3774045.0   366.0     0.00     9.30
2.29     YES
 6_E_E_1          0   0.28060E-06  450953.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_2          0   0.28060E-06  450973.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_3          0   0.28060E-06  450993.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_4          0   0.28060E-06  451013.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_5          0   0.28060E-06  451033.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_6          0   0.28060E-06  451053.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_7          0   0.28060E-06  451073.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_8          0   0.28060E-06  451093.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_9          0   0.28060E-06  451113.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_10         0   0.28060E-06  451133.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_11         0   0.28060E-06  451153.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_12         0   0.28060E-06  451173.0 3771845.0   333.0     0.00     9.30
2.29     YES
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 6_E_E_13         0   0.28060E-06  451193.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_14         0   0.28060E-06  451213.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_15         0   0.28060E-06  451233.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_16         0   0.28060E-06  451253.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_17         0   0.28060E-06  451273.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_18         0   0.28060E-06  451293.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_19         0   0.28060E-06  451313.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_20         0   0.28060E-06  451333.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_21         0   0.28060E-06  451353.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_22         0   0.28060E-06  451373.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_23         0   0.28060E-06  451393.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_24         0   0.28060E-06  451413.0 3771845.0   333.0     0.00     9.30
2.29     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

                                    PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 6_E_E_25         0   0.28060E-06  451433.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_26         0   0.28060E-06  451453.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_27         0   0.28060E-06  451473.0 3771845.0   333.0     0.00     9.30
2.29     YES
```

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 6_E_E_28         0   0.28060E-06  451493.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_29         0   0.28060E-06  451513.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_30         0   0.28060E-06  451533.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_31         0   0.28060E-06  451553.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_32         0   0.28060E-06  451573.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_33         0   0.28060E-06  451593.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_34         0   0.28060E-06  451613.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_35         0   0.28060E-06  451633.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_36         0   0.28060E-06  451653.0 3771845.0   333.0     0.00     9.30
2.29     YES
 6_E_E_37         0   0.28060E-06  451673.0 3771845.0   333.0     0.00     9.30
2.29     YES
 E_S_6_I10_1      0   0.18710E-06  451688.0 3771825.0   333.0     0.00     9.30
2.29     YES
 E_S_6_I10_2      0   0.18710E-06  451688.0 3771805.0   332.7     0.00     9.30
2.29     YES
 E_S_6_I10_3      0   0.18710E-06  451688.0 3771785.0   332.5     0.00     9.30
2.29     YES
 E_S_6_I10_4      0   0.18710E-06  451688.0 3771765.0   332.2     0.00     9.30
2.29     YES
 E_S_6_I10_5      0   0.18710E-06  451688.0 3771745.0   331.9     0.00     9.30
2.29     YES
 E_S_6_I10_6      0   0.18710E-06  451688.0 3771725.0   331.7     0.00     9.30
2.29     YES
 E_S_6_I10_7      0   0.18710E-06  451688.0 3771705.0   331.4     0.00     9.30
2.29     YES
 E_S_6_I10_8      0   0.18710E-06  451688.0 3771685.0   331.1     0.00     9.30
2.29     YES
 E_S_6_I10_9      0   0.18710E-06  451688.0 3771665.0   330.9     0.00     9.30
2.29     YES
 E_S_6_I10_10     0   0.18710E-06  451688.0 3771645.0   330.6     0.00     9.30
2.29     YES
 E_S_6_I10_11     0   0.18710E-06  451688.0 3771625.0   330.3     0.00     9.30
2.29     YES
 E_S_6_I10_12     0   0.18710E-06  451688.0 3771605.0   330.1     0.00     9.30
2.29     YES
 E_S_6_I10_13     0   0.18710E-06  451688.0 3771585.0   329.8     0.00     9.30
2.29     YES
 E_S_6_I10_14     0   0.18710E-06  451688.0 3771565.0   329.5     0.00     9.30
2.29     YES
 E_S_6_I10_15     0   0.18710E-06  451688.0 3771545.0   329.3     0.00     9.30
2.29     YES
```

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 E_S_6_I10_16     0   0.18710E-06  451688.0 3771525.0   329.0     0.00     9.30
2.29     YES
 E_S_6_I10_17     0   0.18710E-06  451688.0 3771505.0   328.7     0.00     9.30
2.29     YES
 E_S_6_I10_18     0   0.18710E-06  451688.0 3771485.0   328.5     0.00     9.30
2.29     YES
 E_S_6_I10_19     0   0.18710E-06  451688.0 3771465.0   328.2     0.00     9.30
2.29     YES
 E_S_6_I10_20     0   0.18710E-06  451688.0 3771445.0   327.9     0.00     9.30
2.29     YES
 E_S_6_I10_21     0   0.18710E-06  451688.0 3771425.0   327.7     0.00     9.30
2.29     YES
 E_S_6_I10_22     0   0.18710E-06  451688.0 3771405.0   327.4     0.00     9.30
2.29     YES
 E_S_6_I10_23     0   0.18710E-06  451688.0 3771385.0   327.1     0.00     9.30
2.29     YES
 E_S_6_I10_24     0   0.18710E-06  451688.0 3771365.0   326.9     0.00     9.30
2.29     YES
 E_S_6_I10_25     0   0.18710E-06  451688.0 3771345.0   326.6     0.00     9.30
2.29     YES
 E_S_6_I10_26     0   0.18710E-06  451688.0 3771325.0   326.3     0.00     9.30
2.29     YES
 E_S_6_I10_27     0   0.18710E-06  451688.0 3771305.0   326.1     0.00     9.30
2.29     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 E_S_6_I10_28     0   0.18710E-06  451688.0 3771285.0   325.8     0.00     9.30
2.29     YES
 E_S_6_I10_29     0   0.18710E-06  451688.0 3771265.0   325.5     0.00     9.30
2.29     YES
 E_S_6_I10_30     0   0.18710E-06  451688.0 3771245.0   325.3     0.00     9.30
2.29     YES
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 E_S_6_I10_31     0   0.18710E-06  451688.0 3771225.0   325.0     0.00     9.30
2.29     YES
 E_S_6_I10_32     0   0.18710E-06  451688.0 3771205.0   324.7     0.00     9.30
2.29     YES
 E_S_6_I10_33     0   0.18710E-06  451688.0 3771185.0   324.5     0.00     9.30
2.29     YES
 E_S_6_I10_34     0   0.18710E-06  451688.0 3771165.0   324.2     0.00     9.30
2.29     YES
 E_S_6_I10_35     0   0.18710E-06  451688.0 3771145.0   323.9     0.00     9.30
2.29     YES
 E_S_6_I10_36     0   0.18710E-06  451688.0 3771125.0   323.7     0.00     9.30
2.29     YES
 E_S_6_I10_37     0   0.18710E-06  451688.0 3771105.0   323.4     0.00     9.30
2.29     YES
 E_S_6_I10_38     0   0.18710E-06  451688.0 3771085.0   323.1     0.00     9.30
2.29     YES
 E_S_6_I10_39     0   0.18710E-06  451688.0 3771065.0   322.9     0.00     9.30
2.29     YES
 E_S_6_I10_40     0   0.18710E-06  451688.0 3771045.0   322.6     0.00     9.30
2.29     YES
 E_S_6_I10_41     0   0.18710E-06  451688.0 3771025.0   322.3     0.00     9.30
2.29     YES
 E_S_6_I10_42     0   0.18710E-06  451688.0 3771005.0   322.1     0.00     9.30
2.29     YES
 E_S_6_I10_43     0   0.18710E-06  451688.0 3770985.0   321.8     0.00     9.30
2.29     YES
 E_S_6_I10_44     0   0.18710E-06  451688.0 3770965.0   321.5     0.00     9.30
2.29     YES
 E_S_6_I10_45     0   0.18710E-06  451688.0 3770945.0   321.3     0.00     9.30
2.29     YES
 E_S_6_I10_46     0   0.18710E-06  451688.0 3770925.0   321.0     0.00     9.30
2.29     YES
 E_S_6_I10_47     0   0.18710E-06  451688.0 3770905.0   320.7     0.00     9.30
2.29     YES
 E_S_6_I10_48     0   0.18710E-06  451688.0 3770885.0   320.5     0.00     9.30
2.29     YES
 E_S_6_I10_49     0   0.18710E-06  451688.0 3770865.0   320.2     0.00     9.30
2.29     YES
 E_S_6_I10_50     0   0.18710E-06  451688.0 3770845.0   319.9     0.00     9.30
2.29     YES
 E_S_6_I10_51     0   0.18710E-06  451688.0 3770825.0   319.7     0.00     9.30
2.29     YES
 E_S_6_I10_52     0   0.18710E-06  451688.0 3770805.0   319.4     0.00     9.30
2.29     YES
 E_S_6_I10_53     0   0.18710E-06  451688.0 3770785.0   319.1     0.00     9.30
2.29     YES
 E_S_6_I10_54     0   0.18710E-06  451688.0 3770765.0   318.8     0.00     9.30
2.29     YES
 E_S_6_I10_55     0   0.18710E-06  451688.0 3770745.0   318.6     0.00     9.30
2.29     YES
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 E_S_6_I10_56     0   0.18710E-06  451688.0 3770725.0   318.3     0.00     9.30
2.29     YES
 E_S_6_I10_57     0   0.18710E-06  451688.0 3770705.0   318.0     0.00     9.30
2.29     YES
 E_S_6_I10_58     0   0.18710E-06  451688.0 3770685.0   317.8     0.00     9.30
2.29     YES
 E_S_6_I10_59     0   0.18710E-06  451688.0 3770665.0   317.5     0.00     9.30
2.29     YES
 E_S_6_I10_60     0   0.18710E-06  451688.0 3770645.0   317.2     0.00     9.30
2.29     YES
 E_S_6_I10_61     0   0.18710E-06  451688.0 3770625.0   317.0     0.00     9.30
2.29     YES
 E_S_6_I10_62     0   0.18710E-06  451688.0 3770605.0   316.7     0.00     9.30
2.29     YES
 E_S_6_I10_63     0   0.18710E-06  451688.0 3770585.0   316.4     0.00     9.30
2.29     YES
 E_S_6_I10_64     0   0.18710E-06  451688.0 3770565.0   316.2     0.00     9.30
2.29     YES
 E_S_6_I10_65     0   0.18710E-06  451688.0 3770545.0   315.9     0.00     9.30
2.29     YES
 E_S_6_I10_66     0   0.18710E-06  451688.0 3770525.0   315.6     0.00     9.30
2.29     YES
 E_S_6_I10_67     0   0.18710E-06  451688.0 3770505.0   315.4     0.00     9.30
2.29     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***      14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 E_S_6_I10_68     0   0.18710E-06  451688.0 3770485.0   315.1     0.00     9.30
2.29     YES
 E_S_6_I10_69     0   0.18710E-06  451688.0 3770465.0   314.8     0.00     9.30
2.29     YES
 E_S_6_I10_70     0   0.18710E-06  451688.0 3770445.0   314.6     0.00     9.30
2.29     YES
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 E_S_6_I10_71     0   0.18710E-06  451688.0 3770425.0   314.3     0.00     9.30
2.29     YES
 E_S_6_I10_72     0   0.18710E-06  451688.0 3770405.0   314.0     0.00     9.30
2.29     YES
 E_S_6_I10_73     0   0.18710E-06  451688.0 3770385.0   313.8     0.00     9.30
2.29     YES
 E_S_6_I10_74     0   0.18710E-06  451688.0 3770365.0   313.5     0.00     9.30
2.29     YES
 E_S_6_I10_75     0   0.18710E-06  451688.0 3770345.0   313.2     0.00     9.30
2.29     YES
 E_S_6_I10_76     0   0.18710E-06  451688.0 3770325.0   313.0     0.00     9.30
2.29     YES
 E_S_6_I10_77     0   0.18710E-06  451688.0 3770305.0   312.7     0.00     9.30
2.29     YES
 E_S_6_I10_78     0   0.18710E-06  451688.0 3770285.0   312.4     0.00     9.30
2.29     YES
 E_S_6_I10_79     0   0.18710E-06  451688.0 3770265.0   312.2     0.00     9.30
2.29     YES
 E_S_6_I10_80     0   0.18710E-06  451688.0 3770245.0   311.9     0.00     9.30
2.29     YES
 E_S_6_I10_81     0   0.18710E-06  451688.0 3770225.0   311.6     0.00     9.30
2.29     YES
 E_S_6_I10_82     0   0.18710E-06  451688.0 3770205.0   311.4     0.00     9.30
2.29     YES
 E_S_6_I10_83     0   0.18710E-06  451688.0 3770185.0   311.1     0.00     9.30
2.29     YES
 E_S_6_I10_84     0   0.18710E-06  451688.0 3770165.0   310.8     0.00     9.30
2.29     YES
 E_S_6_I10_85     0   0.18710E-06  451688.0 3770145.0   310.6     0.00     9.30
2.29     YES
 E_S_6_I10_86     0   0.18710E-06  451688.0 3770125.0   310.3     0.00     9.30
2.29     YES
 E_S_6_I10_87     0   0.18710E-06  451688.0 3770105.0   310.0     0.00     9.30
2.29     YES
 E_S_6_I10_88     0   0.18710E-06  451688.0 3770085.0   309.8     0.00     9.30
2.29     YES
 E_S_6_I10_89     0   0.18710E-06  451688.0 3770065.0   309.5     0.00     9.30
2.29     YES
 E_S_6_I10_90     0   0.18710E-06  451688.0 3770045.0   309.2     0.00     9.30
2.29     YES
 E_S_6_I10_91     0   0.18710E-06  451688.0 3770025.0   309.0     0.00     9.30
2.29     YES
 E_S_6_I10_92     0   0.18710E-06  451688.0 3770005.0   308.7     0.00     9.30
2.29     YES
 E_S_6_I10_93     0   0.18710E-06  451688.0 3769985.0   308.4     0.00     9.30
2.29     YES
 E_S_6_I10_94     0   0.18710E-06  451688.0 3769965.0   308.2     0.00     9.30
2.29     YES
 E_S_6_I10_95     0   0.18710E-06  451688.0 3769945.0   307.9     0.00     9.30
2.29     YES
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 E_S_6_I10_96     0   0.18710E-06  451688.0 3769925.0   307.6     0.00     9.30
2.29     YES
 E_S_6_I10_97     0   0.18710E-06  451688.0 3769905.0   307.4     0.00     9.30
2.29     YES
 E_S_6_I10_98     0   0.18710E-06  451688.0 3769885.0   307.1     0.00     9.30
2.29     YES
 E_S_6_I10_99     0   0.18710E-06  451688.0 3769865.0   306.8     0.00     9.30
2.29     YES
 E_S_6_10_100     0   0.18710E-06  451688.0 3769845.0   306.6     0.00     9.30
2.29     YES
 E_S_6_10_101     0   0.18710E-06  451688.0 3769825.0   306.3     0.00     9.30
2.29     YES
 E_S_6_10_102     0   0.18710E-06  451688.0 3769805.0   306.0     0.00     9.30
2.29     YES
 4_E_SB_1         0   0.56120E-07  450956.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_SB_2         0   0.56120E-07  450980.0 3770873.0   318.0     0.00    11.16
2.33     YES
 4_E_SB_3         0   0.56120E-07  451004.0 3770873.0   318.1     0.00    11.16
2.33     YES
 4_E_SB_4         0   0.56120E-07  451028.0 3770873.0   318.1     0.00    11.16
2.33     YES
 4_E_SB_5         0   0.56120E-07  451052.0 3770873.0   318.2     0.00    11.16
2.33     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***      14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 4_E_SB_6         0   0.56120E-07  451076.0 3770873.0   318.2     0.00    11.16
2.33     YES
 4_E_SB_7         0   0.56120E-07  451100.0 3770873.0   318.3     0.00    11.16
2.33     YES
 4_E_SB_8         0   0.56120E-07  451124.0 3770873.0   318.3     0.00    11.16
2.33     YES
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 4_E_SB_9         0   0.56120E-07  451148.0 3770873.0   318.4     0.00    11.16
2.33     YES
 4_E_SB_10        0   0.56120E-07  451172.0 3770873.0   318.4     0.00    11.16
2.33     YES
 4_E_SB_11        0   0.56120E-07  451196.0 3770873.0   318.5     0.00    11.16
2.33     YES
 4_E_SB_12        0   0.56120E-07  451220.0 3770873.0   318.5     0.00    11.16
2.33     YES
 4_E_SB_13        0   0.56120E-07  451244.0 3770873.0   318.6     0.00    11.16
2.33     YES
 4_E_SB_14        0   0.56120E-07  451268.0 3770873.0   318.6     0.00    11.16
2.33     YES
 4_E_SB_15        0   0.56120E-07  451292.0 3770873.0   318.6     0.00    11.16
2.33     YES
 4_E_SB_16        0   0.56120E-07  451316.0 3770873.0   318.7     0.00    11.16
2.33     YES
 4_E_SB_17        0   0.56120E-07  451340.0 3770873.0   318.7     0.00    11.16
2.33     YES
 4_E_SB_18        0   0.56120E-07  451364.0 3770873.0   318.8     0.00    11.16
2.33     YES
 4_E_SB_19        0   0.56120E-07  451388.0 3770873.0   318.8     0.00    11.16
2.33     YES
 4_E_SB_20        0   0.56120E-07  451412.0 3770873.0   318.9     0.00    11.16
2.33     YES
 4_E_SB_21        0   0.56120E-07  451436.0 3770873.0   318.9     0.00    11.16
2.33     YES
 4_E_SB_22        0   0.56120E-07  451460.0 3770873.0   319.0     0.00    11.16
2.33     YES
 4_E_SB_23        0   0.56120E-07  451484.0 3770873.0   319.0     0.00    11.16
2.33     YES
 4_E_SB_24        0   0.56120E-07  451508.0 3770873.0   319.1     0.00    11.16
2.33     YES
 4_E_SB_25        0   0.56120E-07  451532.0 3770873.0   319.1     0.00    11.16
2.33     YES
 4_E_SB_26        0   0.56120E-07  451556.0 3770873.0   319.2     0.00    11.16
2.33     YES
 4_E_SB_27        0   0.56120E-07  451580.0 3770873.0   319.2     0.00    11.16
2.33     YES
 4_E_SB_28        0   0.56120E-07  451604.0 3770873.0   319.2     0.00    11.16
2.33     YES
 4_E_SB_29        0   0.56120E-07  451628.0 3770873.0   319.3     0.00    11.16
2.33     YES
 4_E_SB_30        0   0.56120E-07  451652.0 3770873.0   319.3     0.00    11.16
2.33     YES
 4_E_SB_31        0   0.56120E-07  451676.0 3770873.0   319.4     0.00    11.16
2.33     YES
 4_E_SB_32        0   0.56120E-07  451700.0 3770873.0   319.4     0.00    11.16
2.33     YES
 4_E_SB_33        0   0.56120E-07  451724.0 3770873.0   319.5     0.00    11.16
2.33     YES
```

```
 4_E_SB_34        0   0.56120E-07  451748.0 3770873.0   319.5     0.00    11.16
2.33     YES
 4_E_SB_35        0   0.56120E-07  451772.0 3770873.0   319.6     0.00    11.16
2.33     YES
 4_E_SB_36        0   0.56120E-07  451796.0 3770873.0   319.6     0.00    11.16
2.33     YES
 4_E_SB_37        0   0.56120E-07  451820.0 3770873.0   319.7     0.00    11.16
2.33     YES
 4_E_SB_38        0   0.56120E-07  451844.0 3770873.0   319.7     0.00    11.16
2.33     YES
 4_E_SB_39        0   0.56120E-07  451868.0 3770873.0   319.8     0.00    11.16
2.33     YES
 4_E_SB_40        0   0.56120E-07  451892.0 3770873.0   319.8     0.00    11.16
2.33     YES
 4_E_SB_41        0   0.56120E-07  451916.0 3770873.0   319.8     0.00    11.16
2.33     YES
 4_E_SB_42        0   0.56120E-07  451940.0 3770873.0   319.9     0.00    11.16
2.33     YES
 4_E_SB_43        0   0.56120E-07  451964.0 3770873.0   319.9     0.00    11.16
2.33     YES
 4_E_SB_44        0   0.56120E-07  451988.0 3770873.0   320.0     0.00    11.16
2.33     YES
 4_E_SB_45        0   0.56120E-07  452012.0 3770873.0   320.0     0.00    11.16
2.33     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 4_E_SB_46        0   0.56120E-07  452036.0 3770873.0   320.1     0.00    11.16
2.33     YES
 4_E_SB_47        0   0.56120E-07  452060.0 3770873.0   320.1     0.00    11.16
2.33     YES
 4_E_SB_48        0   0.56120E-07  452084.0 3770873.0   320.2     0.00    11.16
2.33     YES
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 4_E_SB_49        0   0.56120E-07  452108.0 3770873.0   320.2     0.00    11.16
2.33     YES
 4_E_SB_50        0   0.56120E-07  452132.0 3770873.0   320.3     0.00    11.16
2.33     YES
 4_E_SB_51        0   0.56120E-07  452156.0 3770873.0   320.3     0.00    11.16
2.33     YES
 4_E_SB_52        0   0.56120E-07  452180.0 3770873.0   320.4     0.00    11.16
2.33     YES
 4_E_SB_53        0   0.56120E-07  452204.0 3770873.0   320.4     0.00    11.16
2.33     YES
 4_E_SB_54        0   0.56120E-07  452228.0 3770873.0   320.4     0.00    11.16
2.33     YES
 4_E_SB_55        0   0.56120E-07  452252.0 3770873.0   320.5     0.00    11.16
2.33     YES
 4_E_SB_56        0   0.56120E-07  452276.0 3770873.0   320.5     0.00    11.16
2.33     YES
 4_E_SB_57        0   0.56120E-07  452300.0 3770873.0   320.6     0.00    11.16
2.33     YES
 4_E_SB_58        0   0.56120E-07  452324.0 3770873.0   320.6     0.00    11.16
2.33     YES
 4_E_SB_59        0   0.56120E-07  452348.0 3770873.0   320.7     0.00    11.16
2.33     YES
 4_E_SB_60        0   0.56120E-07  452372.0 3770873.0   320.7     0.00    11.16
2.33     YES
 4_E_SB_61        0   0.56120E-07  452396.0 3770873.0   320.8     0.00    11.16
2.33     YES
 4_E_SB_62        0   0.56120E-07  452420.0 3770873.0   320.8     0.00    11.16
2.33     YES
 4_E_SB_63        0   0.56120E-07  452444.0 3770873.0   320.9     0.00    11.16
2.33     YES
 4_E_SB_64        0   0.56120E-07  452468.0 3770873.0   320.9     0.00    11.16
2.33     YES
 4_E_SB_65        0   0.56120E-07  452492.0 3770873.0   321.0     0.00    11.16
2.33     YES
 4_E_SB_66        0   0.56120E-07  452516.0 3770873.0   321.0     0.00    11.16
2.33     YES
 4_W_I15_1        0   0.73210E-06  450547.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_2        0   0.73210E-06  450523.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_3        0   0.73210E-06  450499.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_4        0   0.73210E-06  450475.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_5        0   0.73210E-06  450451.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_6        0   0.73210E-06  450427.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_7        0   0.73210E-06  450403.0 3770885.0   318.0     0.00    11.16
2.33     YES
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 4_W_I15_8        0   0.73210E-06  450379.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_9        0   0.73210E-06  450355.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_10       0   0.73210E-06  450331.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_11       0   0.73210E-06  450307.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_12       0   0.73210E-06  450283.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_13       0   0.73210E-06  450259.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_14       0   0.73210E-06  450235.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_15       0   0.73210E-06  450211.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_16       0   0.73210E-06  450187.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_17       0   0.73210E-06  450163.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_18       0   0.73210E-06  450139.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_19       0   0.73210E-06  450115.0 3770885.0   318.0     0.00    11.16
2.33     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***      14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 4_W_I15_20       0   0.73210E-06  450091.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_21       0   0.73210E-06  450067.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_22       0   0.73210E-06  450043.0 3770885.0   318.0     0.00    11.16
2.33     YES
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 4_W_I15_23       0   0.73210E-06  450019.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_24       0   0.73210E-06  449995.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_25       0   0.73210E-06  449971.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_26       0   0.73210E-06  449947.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_27       0   0.73210E-06  449923.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_28       0   0.73210E-06  449899.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_29       0   0.73210E-06  449875.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_30       0   0.73210E-06  449851.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_31       0   0.73210E-06  449827.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_32       0   0.73210E-06  449803.0 3770885.0   318.0     0.00    11.16
2.33     YES
 4_W_I15_33       0   0.73210E-06  449779.0 3770885.0   318.0     0.00    11.16
2.33     YES
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                         ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                              SOURCE IDs
 -----------                                              ----------


  ALL        IDLE_A_1    , IDLE_A_2    , IDLE_A_3    , IDLE_A_4    , IDLE_A_5    ,
IDLE_A_6    , IDLE_A_7    , IDLE_A_8    ,

             IDLE_A_9    , IDLE_A_10   , IDLE_B_1    , IDLE_B_2    , IDLE_B_3    ,
IDLE_B_4    , IDLE_B_5    , IDLE_B_6    ,

             IDLE_B_7    , IDLE_B_8    , IDLE_B_9    , IDLE_B_10   , IDLE_B_11   ,
IDLE_B_12   , IDLE_B_13   , IDLE_B_14   ,

             IDLE_C_1    , IDLE_C_2    , IDLE_C_3    , IDLE_C_4    , IDLE_C_5    ,
IDLE_C_6    , IDLE_C_7    , IDLE_C_8    ,
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             IDLE_C_9    , IDLE_C_10   , IDLE_C_11   , IDLE_C_12   , IDLE_C_13   ,
IDLE_C_14   , IDLE_C_15   , IDLE_C_16   ,

             IDLE_C_17   , IDLE_C_18   , IDLE_C_19   , IDLE_C_20   , IDLE_C_21   ,
IDLE_C_22   , IDLE_C_23   , IDLE_D_1    ,

             IDLE_D_2    , IDLE_D_3    , IDLE_D_4    , IDLE_D_5    , IDLE_D_6    ,
IDLE_D_7    , IDLE_D_8    , IDLE_D_9    ,

             IDLE_D_10   , IDLE_D_11   , IDLE_D_12   , IDLE_D_13   , IDLE_D_14   ,
IDLE_D_15   , IDLE_D_16   , IDLE_D_17   ,

             IDLE_D_18   , IDLE_D_19   , IDLE_D_20   , IDLE_D_21   , IDLE_D_22   ,
IDLE_D_23   , T_1         , T_2         ,

             T_3         , T_4         , T_5         , T_6         , T_7         ,
T_8         , T_9         , T_10        ,

             T_11        , T_12        , T_13        , T_14        , T_15        ,
T_16        , T_17        , T_18        ,

             T_19        , T_20        , T_21        , T_22        , T_23        ,
T_24        , T_25        , T_26        ,

             T_27        , T_28        , T_29        , T_30        , T_31        ,
T_32        , T_33        , T_34        ,

             T_35        , T_36        , T_37        , T_38        , T_39        ,
T_40        , T_41        , T_42        ,

             T_43        , T_44        , T_45        , T_46        , T_47        ,
T_48        , T_49        , T_50        ,

             T_51        , T_52        , T_53        , T_54        , T_55        ,
T_56        , T_57        , T_58        ,

             T_59        , T_60        , T_61        , T_62        , T_63        ,
T_64        , T_65        , T_66        ,

             T_67        , T_68        , T_69        , T_70        , T_71        ,
T_72        , T_73        , T_74        ,

             T_75        , T_76        , T_77        , T_78        , T_79        ,
T_80        , T_81        , T_82        ,

             T_83        , T_84        , T_85        , T_86        , T_87        ,
T_88        , T_89        , T_90        ,
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                           ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
```

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	T_91 , T_92 , T_93 , T_94 , T_95 , T_96 , T_97 , T_98 ,
	T_99 , T_100 , T_101 , T_102 , T_103 , T_104 , T_105 , T_106 ,
	T_107 , T_108 , T_109 , T_110 , T_111 , T_112 , T_113 , T_114 ,
	T_115 , T_116 , T_117 , T_118 , T_119 , T_120 , T_121 , T_122 ,
	T_123 , T_124 , T_125 , T_126 , T_127 , T_128 , T_129 , T_130 ,
	T_131 , T_132 , T_133 , T_134 , T_135 , T_136 , T_137 , T_138 ,
	T_139 , T_140 , T_141 , T_142 , T_143 , T_144 , T_145 , T_146 ,
	T_147 , T_148 , T_149 , T_150 , T_151 , T_152 , T_153 , T_154 ,
	T_155 , T_156 , T_157 , T_158 , T_159 , T_160 , T_161 , T_162 ,
	T_163 , FH_E_I15_1 , FH_E_I15_2 , FH_E_I15_3 , FH_E_I15_4 , FH_E_I15_5 , FH_E_I15_6 , FH_E_I15_7 ,
	FH_E_I15_8 , FH_E_I15_9 , FH_E_I15_10 , FH_E_I15_11 , FH_E_I15_12 , FH_E_I15_13 , FH_E_I15_14 , FH_E_I15_15 ,
	FH_E_I15_16 , FH_E_I15_17 , FH_E_I15_18 , FH_E_I15_19 , FH_E_I15_20 , FH_E_I15_21 , FH_E_I15_22 , FH_E_I15_23 ,
	FH_E_I15_24 , FH_E_I15_25 , FH_E_I15_26 , E_S_FH_1 , E_S_FH_2 ,

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E_S_FH_3    , E_S_FH_4    , E_S_FH_5    ,

             E_S_FH_6    , E_S_FH_7    , E_S_FH_8    , E_S_FH_9    , E_S_FH_10   ,
E_S_FH_11   , E_S_FH_12   , E_S_FH_13   ,

             E_S_FH_14   , E_S_FH_15   , E_S_FH_16   , E_S_FH_17   , E_S_FH_18   ,
E_S_FH_19   , E_S_FH_20   , E_S_FH_21   ,

             E_S_FH_22   , E_S_FH_23   , E_S_FH_24   , E_S_FH_25   , E_S_FH_26   ,
E_S_FH_27   , E_S_FH_28   , E_S_FH_29   ,

             E_S_FH_30   , E_S_FH_31   , E_S_FH_32   , E_S_FH_33   , E_S_FH_34   ,
E_S_FH_35   , E_S_FH_36   , E_S_FH_37   ,

             E_S_FH_38   , E_S_FH_39   , E_S_FH_40   , E_S_FH_41   , E_S_FH_42   ,
E_S_FH_43   , E_S_FH_44   , E_S_FH_45   ,

             E_S_FH_46   , E_S_FH_47   , E_S_FH_48   , E_S_FH_49   , E_S_FH_50   ,
E_S_FH_51   , E_S_FH_52   , E_S_FH_53   ,

             E_S_FH_54   , E_S_FH_55   , E_S_FH_56   , E_S_FH_57   , E_S_FH_58   ,
E_S_FH_59   , E_S_FH_60   , E_S_FH_61   ,
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                           ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                                  SOURCE IDs
 -----------                                                  ----------


             E_S_FH_62   , E_S_FH_63   , E_S_FH_64   , E_S_FH_65   , E_S_FH_66   ,
E_S_FH_67   , E_S_FH_68   , E_S_FH_69   ,

             E_S_FH_70   , E_S_FH_71   , E_S_FH_72   , E_S_FH_73   , E_S_FH_74   ,
E_S_FH_75   , E_S_FH_76   , E_S_FH_77   ,

             E_S_FH_78   , E_S_FH_79   , E_S_FH_80   , E_S_FH_81   , E_S_FH_82   ,
E_S_FH_83   , E_S_FH_84   , E_S_FH_85   ,

             E_S_FH_86   , E_S_FH_87   , E_S_FH_88   , E_S_FH_89   , E_S_FH_90   ,
E_S_FH_91   , E_S_FH_92   , E_S_FH_93   ,
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             E_S_FH_94   , E_S_FH_95   , E_S_FH_96   , E_S_FH_97   , E_S_FH_98   ,
E_S_FH_99   , E_S_FH_100  , E_S_FH_101  ,

             E_S_FH_102  , E_S_FH_103  , E_S_FH_104  , E_S_FH_105  , E_S_FH_106  ,
E_S_FH_107  , E_S_FH_108  , E_S_FH_109  ,

             E_S_FH_110  , E_S_FH_111  , 6_W_E_1     , 6_W_E_2     , 6_W_E_3     ,
6_W_E_4     , 6_W_E_5     , 6_W_E_6     ,

             6_W_E_7     , 6_W_E_8     , 6_W_E_9     , 6_W_E_10    , 6_W_E_11    ,
6_W_E_12    , 6_W_E_13    , 6_W_E_14    ,

             6_W_E_15    , 6_W_E_16    , 6_W_E_17    , 6_W_E_18    , 6_W_E_19    ,
6_W_E_20    , 6_W_E_21    , 6_W_E_22    ,

             6_W_E_23    , 6_W_E_24    , 6_W_E_25    , 6_W_E_26    , 6_W_E_27    ,
6_W_E_28    , 6_W_E_29    , 6_W_E_30    ,

             6_W_E_31    , 6_W_E_32    , 6_W_E_33    , 6_W_E_34    , 6_W_E_35    ,
6_W_E_36    , 6_W_E_37    , SB_W_E_1    ,

             SB_W_E_2    , SB_W_E_3    , SB_W_E_4    , SB_W_E_5    , SB_W_E_6    ,
SB_W_E_7    , SB_W_E_8    , SB_W_E_9    ,

             SB_W_E_10   , SB_W_E_11   , SB_W_E_12   , SB_W_E_13   , SB_W_E_14   ,
SB_W_E_15   , SB_W_E_16   , SB_W_E_17   ,

             SB_W_E_18   , SB_W_E_19   , SB_W_E_20   , SB_W_E_21   , SB_W_E_22   ,
SB_W_E_23   , SB_W_E_24   , SB_W_E_25   ,

             SB_W_E_26   , SB_W_E_27   , SB_W_E_28   , SB_W_E_29   , SB_W_E_30   ,
SB_W_E_31   , SB_W_E_32   , SB_W_E_33   ,

             SB_W_E_34   , 4_W_E_1     , 4_W_E_2     , 4_W_E_3     , 4_W_E_4     ,
4_W_E_5     , 4_W_E_6     , 4_W_E_7     ,

             4_W_E_8     , 4_W_E_9     , 4_W_E_10    , 4_W_E_11    , 4_W_E_12    ,
4_W_E_13    , 4_W_E_14    , 4_W_E_15    ,

             4_W_E_16    , 4_W_E_17    , 4_W_E_18    , 4_W_E_19    , 4_W_E_20    ,
4_W_E_21    , 4_W_E_22    , 4_W_E_23    ,

             4_W_E_24    , 4_W_E_25    , 4_W_E_26    , 4_W_E_27    , 4_W_E_28    ,
4_W_E_29    , 4_W_E_30    , 4_W_E_31    ,

             4_W_E_32    , E_N_4_I10_1 , E_N_4_I10_2 , E_N_4_I10_3 , E_N_4_I10_4 ,
E_N_4_I10_5 , E_N_4_I10_6 , E_N_4_I10_7 ,
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                           ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
```

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

E_N_4_I10_8 , E_N_4_I10_9 , E_N_4_I10_10, E_N_4_I10_11, E_N_4_I10_12, E_N_4_I10_13, E_N_4_I10_14, E_N_4_I10_15,

E_N_4_I10_16, E_N_4_I10_17, E_N_4_I10_18, E_N_4_I10_19, E_N_4_I10_20, E_N_4_I10_21, E_N_4_I10_22, E_N_4_I10_23,

E_N_4_I10_24, E_N_4_I10_25, E_N_4_I10_26, E_N_4_I10_27, E_N_4_I10_28, E_N_4_I10_29, E_N_4_I10_30, E_N_4_I10_31,

E_N_4_I10_32, E_N_4_I10_33, E_N_4_I10_34, E_N_4_I10_35, E_N_4_I10_36, E_N_4_I10_37, E_N_4_I10_38, E_N_4_I10_39,

E_N_4_I10_40, E_N_4_I10_41, E_N_4_I10_42, E_N_4_I10_43, E_N_4_I10_44, E_N_4_I10_45, E_N_4_I10_46, E_N_4_I10_47,

E_N_4_I10_48, E_N_4_I10_49, E_N_4_I10_50, E_N_4_I10_51, E_N_4_I10_52, E_N_4_I10_53, E_N_4_I10_54, 4_E_I15_1 ,

4_E_I15_2 , 4_E_I15_3 , 4_E_I15_4 , 4_E_I15_5 , 4_E_I15_6 , 4_E_I15_7 , 4_E_I15_8 , 4_E_I15_9 ,

4_E_I15_10 , 4_E_I15_11 , 4_E_I15_12 , 4_E_I15_13 , 4_E_I15_14 , 4_E_I15_15 , 4_E_I15_16 , 4_E_I15_17 ,

4_E_I15_18 , 4_E_I15_19 , 4_E_I15_20 , 4_E_I15_21 , 4_E_I15_22 , 4_E_I15_23 , 4_E_I15_24 , 4_E_I15_25 ,

4_E_I15_26 , 4_E_I15_27 , 4_E_I15_28 , 4_E_I15_29 , 4_E_I15_30 , 4_E_I15_31 , 4_E_I15_32 , 4_E_I15_33 ,

FH_W_I15_1 , FH_W_I15_2 , FH_W_I15_3 , FH_W_I15_4 , FH_W_I15_5 , FH_W_I15_6 , FH_W_I15_7 , FH_W_I15_8 ,

FH_W_I15_9 , FH_W_I15_10 , FH_W_I15_11 , FH_W_I15_12 , FH_W_I15_13 , FH_W_I15_14 , FH_W_I15_15 , FH_W_I15_16 ,

FH_W_I15_17 , FH_W_I15_18 , FH_W_I15_19 , FH_W_I15_20 , FH_W_I15_21 ,

```
FH_W_I15_22 , FH_W_I15_23 , FH_W_I15_24 ,

             FH_W_I15_25 , E_N_FH_1    , E_N_FH_2    , E_N_FH_3    , E_N_FH_4    ,
E_N_FH_5    , E_N_FH_6    , E_N_FH_7    ,

             E_N_FH_8    , E_N_FH_9    , E_N_FH_10   , E_N_FH_11   , E_N_FH_12   ,
E_N_FH_13   , E_N_FH_14   , E_N_FH_15   ,

             E_N_FH_16   , E_N_FH_17   , E_N_FH_18   , E_N_FH_19   , E_N_FH_20   ,
E_N_FH_21   , E_N_FH_22   , E_N_FH_23   ,

             E_N_FH_24   , E_N_FH_25   , E_N_FH_26   , E_N_FH_27   , E_N_FH_28   ,
E_N_FH_29   , E_N_FH_30   , E_N_FH_31   ,

             E_N_FH_32   , E_N_FH_33   , E_N_FH_34   , E_N_FH_35   , E_N_FH_36   ,
E_N_FH_37   , E_N_FH_38   , E_N_FH_39   ,

             E_N_FH_40   , E_N_FH_41   , E_N_FH_42   , E_N_FH_43   , E_N_FH_44   ,
E_N_FH_45   , E_N_FH_46   , E_N_FH_47   ,

             E_N_FH_48   , E_N_FH_49   , E_N_FH_50   , E_N_FH_51   , E_N_FH_52   ,
E_N_FH_53   , E_N_FH_54   , E_N_FH_55   ,
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                           ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                                  SOURCE IDs
 -----------                                                  ----------


             E_N_FH_56   , E_N_FH_57   , E_N_FH_58   , E_N_FH_59   , E_N_FH_60   ,
E_N_FH_61   , E_N_FH_62   , E_N_FH_63   ,

             E_N_FH_64   , E_N_FH_65   , E_N_FH_66   , E_N_FH_67   , E_N_FH_68   ,
E_N_FH_69   , E_N_FH_70   , E_N_FH_71   ,

             E_N_FH_72   , E_N_FH_73   , E_N_FH_74   , E_N_FH_75   , E_N_FH_76   ,
E_N_FH_77   , E_N_FH_78   , E_N_FH_79   ,

             E_N_FH_80   , E_N_FH_81   , E_N_FH_82   , E_N_FH_83   , E_N_FH_84   ,
E_N_FH_85   , E_N_FH_86   , E_N_FH_87   ,
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             E_N_FH_88   , E_N_FH_89   , E_N_FH_90   , E_N_FH_91   , E_N_FH_92   ,
E_N_FH_93   , E_N_FH_94   , E_N_FH_95   ,

             E_N_FH_96   , E_N_FH_97   , E_N_FH_98   , E_N_FH_99   , E_N_FH_100  ,
E_N_FH_101  , E_N_FH_102  , E_N_FH_103  ,

             E_N_FH_104  , E_N_FH_105  , E_N_FH_106  , E_N_FH_107  , E_N_FH_108  ,
E_N_FH_109  , E_N_FH_110  , E_N_FH_111  ,

             6_E_E_1     , 6_E_E_2     , 6_E_E_3     , 6_E_E_4     , 6_E_E_5     ,
6_E_E_6     , 6_E_E_7     , 6_E_E_8     ,

             6_E_E_9     , 6_E_E_10    , 6_E_E_11    , 6_E_E_12    , 6_E_E_13    ,
6_E_E_14    , 6_E_E_15    , 6_E_E_16    ,

             6_E_E_17    , 6_E_E_18    , 6_E_E_19    , 6_E_E_20    , 6_E_E_21    ,
6_E_E_22    , 6_E_E_23    , 6_E_E_24    ,

             6_E_E_25    , 6_E_E_26    , 6_E_E_27    , 6_E_E_28    , 6_E_E_29    ,
6_E_E_30    , 6_E_E_31    , 6_E_E_32    ,

             6_E_E_33    , 6_E_E_34    , 6_E_E_35    , 6_E_E_36    , 6_E_E_37    ,
E_S_6_I10_1 , E_S_6_I10_2 , E_S_6_I10_3 ,

             E_S_6_I10_4 , E_S_6_I10_5 , E_S_6_I10_6 , E_S_6_I10_7 , E_S_6_I10_8 ,
E_S_6_I10_9 , E_S_6_I10_10, E_S_6_I10_11,

             E_S_6_I10_12, E_S_6_I10_13, E_S_6_I10_14, E_S_6_I10_15, E_S_6_I10_16,
E_S_6_I10_17, E_S_6_I10_18, E_S_6_I10_19,

             E_S_6_I10_20, E_S_6_I10_21, E_S_6_I10_22, E_S_6_I10_23, E_S_6_I10_24,
E_S_6_I10_25, E_S_6_I10_26, E_S_6_I10_27,

             E_S_6_I10_28, E_S_6_I10_29, E_S_6_I10_30, E_S_6_I10_31, E_S_6_I10_32,
E_S_6_I10_33, E_S_6_I10_34, E_S_6_I10_35,

             E_S_6_I10_36, E_S_6_I10_37, E_S_6_I10_38, E_S_6_I10_39, E_S_6_I10_40,
E_S_6_I10_41, E_S_6_I10_42, E_S_6_I10_43,

             E_S_6_I10_44, E_S_6_I10_45, E_S_6_I10_46, E_S_6_I10_47, E_S_6_I10_48,
E_S_6_I10_49, E_S_6_I10_50, E_S_6_I10_51,

             E_S_6_I10_52, E_S_6_I10_53, E_S_6_I10_54, E_S_6_I10_55, E_S_6_I10_56,
E_S_6_I10_57, E_S_6_I10_58, E_S_6_I10_59,

             E_S_6_I10_60, E_S_6_I10_61, E_S_6_I10_62, E_S_6_I10_63, E_S_6_I10_64,
E_S_6_I10_65, E_S_6_I10_66, E_S_6_I10_67,
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                           ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
```

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

E_S_6_I10_68, E_S_6_I10_69, E_S_6_I10_70, E_S_6_I10_71, E_S_6_I10_72, E_S_6_I10_73, E_S_6_I10_74, E_S_6_I10_75,

E_S_6_I10_76, E_S_6_I10_77, E_S_6_I10_78, E_S_6_I10_79, E_S_6_I10_80, E_S_6_I10_81, E_S_6_I10_82, E_S_6_I10_83,

E_S_6_I10_84, E_S_6_I10_85, E_S_6_I10_86, E_S_6_I10_87, E_S_6_I10_88, E_S_6_I10_89, E_S_6_I10_90, E_S_6_I10_91,

E_S_6_I10_92, E_S_6_I10_93, E_S_6_I10_94, E_S_6_I10_95, E_S_6_I10_96, E_S_6_I10_97, E_S_6_I10_98, E_S_6_I10_99,

E_S_6_10_100, E_S_6_10_101, E_S_6_10_102, 4_E_SB_1 , 4_E_SB_2 , 4_E_SB_3 , 4_E_SB_4 , 4_E_SB_5 ,

4_E_SB_6 , 4_E_SB_7 , 4_E_SB_8 , 4_E_SB_9 , 4_E_SB_10 , 4_E_SB_11 , 4_E_SB_12 , 4_E_SB_13 ,

4_E_SB_14 , 4_E_SB_15 , 4_E_SB_16 , 4_E_SB_17 , 4_E_SB_18 , 4_E_SB_19 , 4_E_SB_20 , 4_E_SB_21 ,

4_E_SB_22 , 4_E_SB_23 , 4_E_SB_24 , 4_E_SB_25 , 4_E_SB_26 , 4_E_SB_27 , 4_E_SB_28 , 4_E_SB_29 ,

4_E_SB_30 , 4_E_SB_31 , 4_E_SB_32 , 4_E_SB_33 , 4_E_SB_34 , 4_E_SB_35 , 4_E_SB_36 , 4_E_SB_37 ,

4_E_SB_38 , 4_E_SB_39 , 4_E_SB_40 , 4_E_SB_41 , 4_E_SB_42 , 4_E_SB_43 , 4_E_SB_44 , 4_E_SB_45 ,

4_E_SB_46 , 4_E_SB_47 , 4_E_SB_48 , 4_E_SB_49 , 4_E_SB_50 , 4_E_SB_51 , 4_E_SB_52 , 4_E_SB_53 ,

4_E_SB_54 , 4_E_SB_55 , 4_E_SB_56 , 4_E_SB_57 , 4_E_SB_58 , 4_E_SB_59 , 4_E_SB_60 , 4_E_SB_61 ,

4_E_SB_62 , 4_E_SB_63 , 4_E_SB_64 , 4_E_SB_65 , 4_E_SB_66 ,

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4_W_I15_1   , 4_W_I15_2   , 4_W_I15_3   ,

             4_W_I15_4   , 4_W_I15_5   , 4_W_I15_6   , 4_W_I15_7   , 4_W_I15_8   ,
4_W_I15_9   , 4_W_I15_10  , 4_W_I15_11  ,

             4_W_I15_12  , 4_W_I15_13  , 4_W_I15_14  , 4_W_I15_15  , 4_W_I15_16  ,
4_W_I15_17  , 4_W_I15_18  , 4_W_I15_19  ,

             4_W_I15_20  , 4_W_I15_21  , 4_W_I15_22  , 4_W_I15_23  , 4_W_I15_24  ,
4_W_I15_25  , 4_W_I15_26  , 4_W_I15_27  ,

             4_W_I15_28  , 4_W_I15_29  , 4_W_I15_30  , 4_W_I15_31  , 4_W_I15_32  ,
4_W_I15_33  ,
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                         ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                  SOURCE IDs
  --------   ---------                                  ----------


              2035210.   IDLE_A_1    , IDLE_A_2    , IDLE_A_3    , IDLE_A_4    ,
IDLE_A_5    , IDLE_A_6    , IDLE_A_7    ,
 IDLE_A_8    ,

             IDLE_A_9    , IDLE_A_10   , IDLE_B_1    , IDLE_B_2    , IDLE_B_3    ,
IDLE_B_4    , IDLE_B_5    , IDLE_B_6    ,

             IDLE_B_7    , IDLE_B_8    , IDLE_B_9    , IDLE_B_10   , IDLE_B_11   ,
IDLE_B_12   , IDLE_B_13   , IDLE_B_14   ,

             IDLE_C_1    , IDLE_C_2    , IDLE_C_3    , IDLE_C_4    , IDLE_C_5    ,
IDLE_C_6    , IDLE_C_7    , IDLE_C_8    ,

             IDLE_C_9    , IDLE_C_10   , IDLE_C_11   , IDLE_C_12   , IDLE_C_13   ,
IDLE_C_14   , IDLE_C_15   , IDLE_C_16   ,

             IDLE_C_17   , IDLE_C_18   , IDLE_C_19   , IDLE_C_20   , IDLE_C_21   ,
IDLE_C_22   , IDLE_C_23   , IDLE_D_1    ,

             IDLE_D_2    , IDLE_D_3    , IDLE_D_4    , IDLE_D_5    , IDLE_D_6    ,
IDLE_D_7    , IDLE_D_8    , IDLE_D_9    ,
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             IDLE_D_10   , IDLE_D_11   , IDLE_D_12   , IDLE_D_13   , IDLE_D_14   ,
IDLE_D_15   , IDLE_D_16   , IDLE_D_17   ,

             IDLE_D_18   , IDLE_D_19   , IDLE_D_20   , IDLE_D_21   , IDLE_D_22   ,
IDLE_D_23   , T_1         , T_2         ,

             T_3         , T_4         , T_5         , T_6         , T_7         ,
T_8         , T_9         , T_10        ,

             T_11        , T_12        , T_13        , T_14        , T_15        ,
T_16        , T_17        , T_18        ,

             T_19        , T_20        , T_21        , T_22        , T_23        ,
T_24        , T_25        , T_26        ,

             T_27        , T_28        , T_29        , T_30        , T_31        ,
T_32        , T_33        , T_34        ,

             T_35        , T_36        , T_37        , T_38        , T_39        ,
T_40        , T_41        , T_42        ,

             T_43        , T_44        , T_45        , T_46        , T_47        ,
T_48        , T_49        , T_50        ,

             T_51        , T_52        , T_53        , T_54        , T_55        ,
T_56        , T_57        , T_58        ,

             T_59        , T_60        , T_61        , T_62        , T_63        ,
T_64        , T_65        , T_66        ,

             T_67        , T_68        , T_69        , T_70        , T_71        ,
T_72        , T_73        , T_74        ,

             T_75        , T_76        , T_77        , T_78        , T_79        ,
T_80        , T_81        , T_82        ,

             T_83        , T_84        , T_85        , T_86        , T_87        ,
T_88        , T_89        , T_90        ,
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                         ***       14:09:25

                                   PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***
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  URBAN ID   URBAN POP                                        SOURCE IDs
  --------   ---------                                        ----------


             T_91        , T_92        , T_93        , T_94        , T_95        ,
T_96         , T_97         , T_98         ,

             T_99        , T_100       , T_101       , T_102       , T_103       ,
T_104        , T_105        , T_106        ,

             T_107       , T_108       , T_109       , T_110       , T_111       ,
T_112        , T_113        , T_114        ,

             T_115       , T_116       , T_117       , T_118       , T_119       ,
T_120        , T_121        , T_122        ,

             T_123       , T_124       , T_125       , T_126       , T_127       ,
T_128        , T_129        , T_130        ,

             T_131       , T_132       , T_133       , T_134       , T_135       ,
T_136        , T_137        , T_138        ,

             T_139       , T_140       , T_141       , T_142       , T_143       ,
T_144        , T_145        , T_146        ,

             T_147       , T_148       , T_149       , T_150       , T_151       ,
T_152        , T_153        , T_154        ,

             T_155       , T_156       , T_157       , T_158       , T_159       ,
T_160        , T_161        , T_162        ,

             T_163       , FH_E_I15_1  , FH_E_I15_2  , FH_E_I15_3  , FH_E_I15_4  ,
FH_E_I15_5   , FH_E_I15_6   , FH_E_I15_7   ,

             FH_E_I15_8  , FH_E_I15_9  , FH_E_I15_10 , FH_E_I15_11 , FH_E_I15_12 ,
FH_E_I15_13 , FH_E_I15_14 , FH_E_I15_15 ,

             FH_E_I15_16 , FH_E_I15_17 , FH_E_I15_18 , FH_E_I15_19 , FH_E_I15_20 ,
FH_E_I15_21 , FH_E_I15_22 , FH_E_I15_23 ,

             FH_E_I15_24 , FH_E_I15_25 , FH_E_I15_26 , E_S_FH_1    , E_S_FH_2    ,
E_S_FH_3    , E_S_FH_4    , E_S_FH_5    ,

             E_S_FH_6    , E_S_FH_7    , E_S_FH_8    , E_S_FH_9    , E_S_FH_10   ,
E_S_FH_11   , E_S_FH_12   , E_S_FH_13   ,

             E_S_FH_14   , E_S_FH_15   , E_S_FH_16   , E_S_FH_17   , E_S_FH_18   ,
E_S_FH_19   , E_S_FH_20   , E_S_FH_21   ,
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```
             E_S_FH_22   , E_S_FH_23   , E_S_FH_24   , E_S_FH_25   , E_S_FH_26   ,
E_S_FH_27   , E_S_FH_28   , E_S_FH_29   ,

             E_S_FH_30   , E_S_FH_31   , E_S_FH_32   , E_S_FH_33   , E_S_FH_34   ,
E_S_FH_35   , E_S_FH_36   , E_S_FH_37   ,

             E_S_FH_38   , E_S_FH_39   , E_S_FH_40   , E_S_FH_41   , E_S_FH_42   ,
E_S_FH_43   , E_S_FH_44   , E_S_FH_45   ,

             E_S_FH_46   , E_S_FH_47   , E_S_FH_48   , E_S_FH_49   , E_S_FH_50   ,
E_S_FH_51   , E_S_FH_52   , E_S_FH_53   ,

             E_S_FH_54   , E_S_FH_55   , E_S_FH_56   , E_S_FH_57   , E_S_FH_58   ,
E_S_FH_59   , E_S_FH_60   , E_S_FH_61   ,
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                           ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                  SOURCE IDs
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             E_S_FH_62   , E_S_FH_63   , E_S_FH_64   , E_S_FH_65   , E_S_FH_66   ,
E_S_FH_67   , E_S_FH_68   , E_S_FH_69   ,

             E_S_FH_70   , E_S_FH_71   , E_S_FH_72   , E_S_FH_73   , E_S_FH_74   ,
E_S_FH_75   , E_S_FH_76   , E_S_FH_77   ,

             E_S_FH_78   , E_S_FH_79   , E_S_FH_80   , E_S_FH_81   , E_S_FH_82   ,
E_S_FH_83   , E_S_FH_84   , E_S_FH_85   ,

             E_S_FH_86   , E_S_FH_87   , E_S_FH_88   , E_S_FH_89   , E_S_FH_90   ,
E_S_FH_91   , E_S_FH_92   , E_S_FH_93   ,

             E_S_FH_94   , E_S_FH_95   , E_S_FH_96   , E_S_FH_97   , E_S_FH_98   ,
E_S_FH_99   , E_S_FH_100  , E_S_FH_101  ,

             E_S_FH_102  , E_S_FH_103  , E_S_FH_104  , E_S_FH_105  , E_S_FH_106  ,
E_S_FH_107  , E_S_FH_108  , E_S_FH_109  ,

             E_S_FH_110  , E_S_FH_111  , 6_W_E_1     , 6_W_E_2     , 6_W_E_3     ,
6_W_E_4     , 6_W_E_5     , 6_W_E_6     ,
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             6_W_E_7     , 6_W_E_8     , 6_W_E_9     , 6_W_E_10    , 6_W_E_11    ,
6_W_E_12    , 6_W_E_13    , 6_W_E_14    ,

             6_W_E_15    , 6_W_E_16    , 6_W_E_17    , 6_W_E_18    , 6_W_E_19    ,
6_W_E_20    , 6_W_E_21    , 6_W_E_22    ,

             6_W_E_23    , 6_W_E_24    , 6_W_E_25    , 6_W_E_26    , 6_W_E_27    ,
6_W_E_28    , 6_W_E_29    , 6_W_E_30    ,

             6_W_E_31    , 6_W_E_32    , 6_W_E_33    , 6_W_E_34    , 6_W_E_35    ,
6_W_E_36    , 6_W_E_37    , SB_W_E_1    ,

             SB_W_E_2    , SB_W_E_3    , SB_W_E_4    , SB_W_E_5    , SB_W_E_6    ,
SB_W_E_7    , SB_W_E_8    , SB_W_E_9    ,

             SB_W_E_10   , SB_W_E_11   , SB_W_E_12   , SB_W_E_13   , SB_W_E_14   ,
SB_W_E_15   , SB_W_E_16   , SB_W_E_17   ,

             SB_W_E_18   , SB_W_E_19   , SB_W_E_20   , SB_W_E_21   , SB_W_E_22   ,
SB_W_E_23   , SB_W_E_24   , SB_W_E_25   ,

             SB_W_E_26   , SB_W_E_27   , SB_W_E_28   , SB_W_E_29   , SB_W_E_30   ,
SB_W_E_31   , SB_W_E_32   , SB_W_E_33   ,

             SB_W_E_34   , 4_W_E_1     , 4_W_E_2     , 4_W_E_3     , 4_W_E_4     ,
4_W_E_5     , 4_W_E_6     , 4_W_E_7     ,

             4_W_E_8     , 4_W_E_9     , 4_W_E_10    , 4_W_E_11    , 4_W_E_12    ,
4_W_E_13    , 4_W_E_14    , 4_W_E_15    ,

             4_W_E_16    , 4_W_E_17    , 4_W_E_18    , 4_W_E_19    , 4_W_E_20    ,
4_W_E_21    , 4_W_E_22    , 4_W_E_23    ,

             4_W_E_24    , 4_W_E_25    , 4_W_E_26    , 4_W_E_27    , 4_W_E_28    ,
4_W_E_29    , 4_W_E_30    , 4_W_E_31    ,

             4_W_E_32    , E_N_4_I10_1 , E_N_4_I10_2 , E_N_4_I10_3 , E_N_4_I10_4 ,
E_N_4_I10_5 , E_N_4_I10_6 , E_N_4_I10_7 ,
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                         ***        14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


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

URBAN ID	URBAN POP	SOURCE IDs

E_N_4_I10_8 , E_N_4_I10_9 , E_N_4_I10_10, E_N_4_I10_11, E_N_4_I10_12, E_N_4_I10_13, E_N_4_I10_14, E_N_4_I10_15,

E_N_4_I10_16, E_N_4_I10_17, E_N_4_I10_18, E_N_4_I10_19, E_N_4_I10_20, E_N_4_I10_21, E_N_4_I10_22, E_N_4_I10_23,

E_N_4_I10_24, E_N_4_I10_25, E_N_4_I10_26, E_N_4_I10_27, E_N_4_I10_28, E_N_4_I10_29, E_N_4_I10_30, E_N_4_I10_31,

E_N_4_I10_32, E_N_4_I10_33, E_N_4_I10_34, E_N_4_I10_35, E_N_4_I10_36, E_N_4_I10_37, E_N_4_I10_38, E_N_4_I10_39,

E_N_4_I10_40, E_N_4_I10_41, E_N_4_I10_42, E_N_4_I10_43, E_N_4_I10_44, E_N_4_I10_45, E_N_4_I10_46, E_N_4_I10_47,

E_N_4_I10_48, E_N_4_I10_49, E_N_4_I10_50, E_N_4_I10_51, E_N_4_I10_52, E_N_4_I10_53, E_N_4_I10_54, 4_E_I15_1 ,

4_E_I15_2 , 4_E_I15_3 , 4_E_I15_4 , 4_E_I15_5 , 4_E_I15_6 , 4_E_I15_7 , 4_E_I15_8 , 4_E_I15_9 ,

4_E_I15_10 , 4_E_I15_11 , 4_E_I15_12 , 4_E_I15_13 , 4_E_I15_14 , 4_E_I15_15 , 4_E_I15_16 , 4_E_I15_17 ,

4_E_I15_18 , 4_E_I15_19 , 4_E_I15_20 , 4_E_I15_21 , 4_E_I15_22 , 4_E_I15_23 , 4_E_I15_24 , 4_E_I15_25 ,

4_E_I15_26 , 4_E_I15_27 , 4_E_I15_28 , 4_E_I15_29 , 4_E_I15_30 , 4_E_I15_31 , 4_E_I15_32 , 4_E_I15_33 ,

FH_W_I15_1 , FH_W_I15_2 , FH_W_I15_3 , FH_W_I15_4 , FH_W_I15_5 , FH_W_I15_6 , FH_W_I15_7 , FH_W_I15_8 ,

FH_W_I15_9 , FH_W_I15_10 , FH_W_I15_11 , FH_W_I15_12 , FH_W_I15_13 , FH_W_I15_14 , FH_W_I15_15 , FH_W_I15_16 ,

FH_W_I15_17 , FH_W_I15_18 , FH_W_I15_19 , FH_W_I15_20 , FH_W_I15_21 , FH_W_I15_22 , FH_W_I15_23 , FH_W_I15_24 ,

FH_W_I15_25 , E_N_FH_1 , E_N_FH_2 , E_N_FH_3 , E_N_FH_4 , E_N_FH_5 , E_N_FH_6 , E_N_FH_7 ,

E_N_FH_8 , E_N_FH_9 , E_N_FH_10 , E_N_FH_11 , E_N_FH_12 , E_N_FH_13 , E_N_FH_14 , E_N_FH_15 ,

E_N_FH_16 , E_N_FH_17 , E_N_FH_18 , E_N_FH_19 , E_N_FH_20 ,
E_N_FH_21 , E_N_FH_22 , E_N_FH_23 ,

E_N_FH_24 , E_N_FH_25 , E_N_FH_26 , E_N_FH_27 , E_N_FH_28 ,
E_N_FH_29 , E_N_FH_30 , E_N_FH_31 ,

E_N_FH_32 , E_N_FH_33 , E_N_FH_34 , E_N_FH_35 , E_N_FH_36 ,
E_N_FH_37 , E_N_FH_38 , E_N_FH_39 ,

E_N_FH_40 , E_N_FH_41 , E_N_FH_42 , E_N_FH_43 , E_N_FH_44 ,
E_N_FH_45 , E_N_FH_46 , E_N_FH_47 ,

E_N_FH_48 , E_N_FH_49 , E_N_FH_50 , E_N_FH_51 , E_N_FH_52 ,
E_N_FH_53 , E_N_FH_54 , E_N_FH_55 ,

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

E_N_FH_56 , E_N_FH_57 , E_N_FH_58 , E_N_FH_59 , E_N_FH_60 ,
E_N_FH_61 , E_N_FH_62 , E_N_FH_63 ,

E_N_FH_64 , E_N_FH_65 , E_N_FH_66 , E_N_FH_67 , E_N_FH_68 ,
E_N_FH_69 , E_N_FH_70 , E_N_FH_71 ,

E_N_FH_72 , E_N_FH_73 , E_N_FH_74 , E_N_FH_75 , E_N_FH_76 ,
E_N_FH_77 , E_N_FH_78 , E_N_FH_79 ,

E_N_FH_80 , E_N_FH_81 , E_N_FH_82 , E_N_FH_83 , E_N_FH_84 ,
E_N_FH_85 , E_N_FH_86 , E_N_FH_87 ,

E_N_FH_88 , E_N_FH_89 , E_N_FH_90 , E_N_FH_91 , E_N_FH_92 ,
E_N_FH_93 , E_N_FH_94 , E_N_FH_95 ,

E_N_FH_96 , E_N_FH_97 , E_N_FH_98 , E_N_FH_99 , E_N_FH_100 ,
E_N_FH_101 , E_N_FH_102 , E_N_FH_103 ,

E_N_FH_104 , E_N_FH_105 , E_N_FH_106 , E_N_FH_107 , E_N_FH_108 ,
E_N_FH_109 , E_N_FH_110 , E_N_FH_111 ,

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             6_E_E_1     , 6_E_E_2     , 6_E_E_3     , 6_E_E_4     , 6_E_E_5     ,
6_E_E_6     , 6_E_E_7     , 6_E_E_8     ,

             6_E_E_9     , 6_E_E_10    , 6_E_E_11    , 6_E_E_12    , 6_E_E_13    ,
6_E_E_14    , 6_E_E_15    , 6_E_E_16    ,

             6_E_E_17    , 6_E_E_18    , 6_E_E_19    , 6_E_E_20    , 6_E_E_21    ,
6_E_E_22    , 6_E_E_23    , 6_E_E_24    ,

             6_E_E_25    , 6_E_E_26    , 6_E_E_27    , 6_E_E_28    , 6_E_E_29    ,
6_E_E_30    , 6_E_E_31    , 6_E_E_32    ,

             6_E_E_33    , 6_E_E_34    , 6_E_E_35    , 6_E_E_36    , 6_E_E_37    ,
E_S_6_I10_1 , E_S_6_I10_2 , E_S_6_I10_3 ,

             E_S_6_I10_4 , E_S_6_I10_5 , E_S_6_I10_6 , E_S_6_I10_7 , E_S_6_I10_8 ,
E_S_6_I10_9 , E_S_6_I10_10, E_S_6_I10_11,

             E_S_6_I10_12, E_S_6_I10_13, E_S_6_I10_14, E_S_6_I10_15, E_S_6_I10_16,
E_S_6_I10_17, E_S_6_I10_18, E_S_6_I10_19,

             E_S_6_I10_20, E_S_6_I10_21, E_S_6_I10_22, E_S_6_I10_23, E_S_6_I10_24,
E_S_6_I10_25, E_S_6_I10_26, E_S_6_I10_27,

             E_S_6_I10_28, E_S_6_I10_29, E_S_6_I10_30, E_S_6_I10_31, E_S_6_I10_32,
E_S_6_I10_33, E_S_6_I10_34, E_S_6_I10_35,

             E_S_6_I10_36, E_S_6_I10_37, E_S_6_I10_38, E_S_6_I10_39, E_S_6_I10_40,
E_S_6_I10_41, E_S_6_I10_42, E_S_6_I10_43,

             E_S_6_I10_44, E_S_6_I10_45, E_S_6_I10_46, E_S_6_I10_47, E_S_6_I10_48,
E_S_6_I10_49, E_S_6_I10_50, E_S_6_I10_51,

             E_S_6_I10_52, E_S_6_I10_53, E_S_6_I10_54, E_S_6_I10_55, E_S_6_I10_56,
E_S_6_I10_57, E_S_6_I10_58, E_S_6_I10_59,

             E_S_6_I10_60, E_S_6_I10_61, E_S_6_I10_62, E_S_6_I10_63, E_S_6_I10_64,
E_S_6_I10_65, E_S_6_I10_66, E_S_6_I10_67,
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                           ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***
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URBAN ID	URBAN POP	SOURCE IDs

E_S_6_I10_68, E_S_6_I10_69, E_S_6_I10_70, E_S_6_I10_71, E_S_6_I10_72, E_S_6_I10_73, E_S_6_I10_74, E_S_6_I10_75,

E_S_6_I10_76, E_S_6_I10_77, E_S_6_I10_78, E_S_6_I10_79, E_S_6_I10_80, E_S_6_I10_81, E_S_6_I10_82, E_S_6_I10_83,

E_S_6_I10_84, E_S_6_I10_85, E_S_6_I10_86, E_S_6_I10_87, E_S_6_I10_88, E_S_6_I10_89, E_S_6_I10_90, E_S_6_I10_91,

E_S_6_I10_92, E_S_6_I10_93, E_S_6_I10_94, E_S_6_I10_95, E_S_6_I10_96, E_S_6_I10_97, E_S_6_I10_98, E_S_6_I10_99,

E_S_6_10_100, E_S_6_10_101, E_S_6_10_102, 4_E_SB_1 , 4_E_SB_2 , 4_E_SB_3 , 4_E_SB_4 , 4_E_SB_5 ,

4_E_SB_6 , 4_E_SB_7 , 4_E_SB_8 , 4_E_SB_9 , 4_E_SB_10 , 4_E_SB_11 , 4_E_SB_12 , 4_E_SB_13 ,

4_E_SB_14 , 4_E_SB_15 , 4_E_SB_16 , 4_E_SB_17 , 4_E_SB_18 , 4_E_SB_19 , 4_E_SB_20 , 4_E_SB_21 ,

4_E_SB_22 , 4_E_SB_23 , 4_E_SB_24 , 4_E_SB_25 , 4_E_SB_26 , 4_E_SB_27 , 4_E_SB_28 , 4_E_SB_29 ,

4_E_SB_30 , 4_E_SB_31 , 4_E_SB_32 , 4_E_SB_33 , 4_E_SB_34 , 4_E_SB_35 , 4_E_SB_36 , 4_E_SB_37 ,

4_E_SB_38 , 4_E_SB_39 , 4_E_SB_40 , 4_E_SB_41 , 4_E_SB_42 , 4_E_SB_43 , 4_E_SB_44 , 4_E_SB_45 ,

4_E_SB_46 , 4_E_SB_47 , 4_E_SB_48 , 4_E_SB_49 , 4_E_SB_50 , 4_E_SB_51 , 4_E_SB_52 , 4_E_SB_53 ,

4_E_SB_54 , 4_E_SB_55 , 4_E_SB_56 , 4_E_SB_57 , 4_E_SB_58 , 4_E_SB_59 , 4_E_SB_60 , 4_E_SB_61 ,

4_E_SB_62 , 4_E_SB_63 , 4_E_SB_64 , 4_E_SB_65 , 4_E_SB_66 , 4_W_I15_1 , 4_W_I15_2 , 4_W_I15_3 ,

4_W_I15_4 , 4_W_I15_5 , 4_W_I15_6 , 4_W_I15_7 , 4_W_I15_8 , 4_W_I15_9 , 4_W_I15_10 , 4_W_I15_11 ,

4_W_I15_12 , 4_W_I15_13 , 4_W_I15_14 , 4_W_I15_15 , 4_W_I15_16 , 4_W_I15_17 , 4_W_I15_18 , 4_W_I15_19 ,

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             4_W_I15_20  , 4_W_I15_21  , 4_W_I15_22  , 4_W_I15_23  , 4_W_I15_24  ,
4_W_I15_25  , 4_W_I15_26  , 4_W_I15_27  ,

             4_W_I15_28  , 4_W_I15_29  , 4_W_I15_30  , 4_W_I15_31  , 4_W_I15_32  ,
4_W_I15_33  ,
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

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

     ( 451723.0, 3773367.0,     357.0,     357.0,       0.0);         ( 451723.0,
3773460.0,     358.0,     358.0,       0.0);
     ( 451723.0, 3773553.0,     359.0,     359.0,       0.0);         ( 451723.0,
3773645.0,     361.0,     361.0,       0.0);
     ( 451723.0, 3773738.0,     362.0,     362.0,       0.0);         ( 451723.0,
3773831.0,     363.0,     363.0,       0.0);
     ( 451723.0, 3773924.0,     364.0,     364.0,       0.0);         ( 451882.0,
3774117.0,     371.0,     371.0,       0.0);
     ( 451002.0, 3771711.0,     331.0,     331.0,       0.0);         ( 451034.0,
3771266.0,     324.0,     324.0,       0.0);
     ( 451139.0, 3770802.0,     320.0,     320.0,       0.0);         ( 450769.0,
3770802.0,     318.0,     318.0,       0.0);
     ( 450375.0, 3770784.0,     326.0,     326.0,       0.0);         ( 450496.0,
3770991.0,     321.0,     321.0,       0.0);
     ( 450496.0, 3771264.0,     325.0,     325.0,       0.0);         ( 450383.0,
3771528.0,     338.0,     338.0,       0.0);
     ( 450532.0, 3771723.0,     335.0,     335.0,       0.0);         ( 450327.0,
3771924.0,     338.0,     338.0,       0.0);
     ( 451236.0, 3774186.0,     369.0,     369.0,       0.0);         ( 452019.0,
3774734.0,     377.0,     377.0,       0.0);
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

                                       *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                          (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

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1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

                NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.



                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
                                                            (METERS/SEC)

                                                 1.54,   3.09,   5.14,   8.23,
10.80,
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                        ***       14:09:25

                                   PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

                                    *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file:   KONT_V9_ADJU\KONT_V9.SFC
                  Met Version:  16216
   Profile file:   KONT_V9_ADJU\KONT_V9.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:     3102                 Upper air station no.:     3190
                  Name: UNKNOWN                                    Name: UNKNOWN

                  Year:   2012                                     Year:   2012
```

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-16.4	0.171	-9.000	-9.000	-999.	170.	32.3	0.09	1.12	1.00	2.03	43.	7.9	285.9	2.0
12	01	01	1	02	-18.8	0.194	-9.000	-9.000	-999.	205.	41.3	0.09	1.12	1.00	2.28	34.	7.9	285.4	2.0
12	01	01	1	03	-17.8	0.182	-9.000	-9.000	-999.	187.	36.5	0.09	1.12	1.00	2.15	24.	7.9	282.0	2.0
12	01	01	1	04	-9.4	0.128	-9.000	-9.000	-999.	110.	19.6	0.09	1.12	1.00	1.55	41.	7.9	283.1	2.0
12	01	01	1	05	-16.9	0.173	-9.000	-9.000	-999.	173.	33.0	0.09	1.12	1.00	2.05	39.	7.9	280.4	2.0
12	01	01	1	06	-8.0	0.117	-9.000	-9.000	-999.	97.	17.8	0.09	1.12	1.00	1.43	21.	7.9	282.0	2.0
12	01	01	1	07	-7.6	0.115	-9.000	-9.000	-999.	93.	17.4	0.09	1.12	1.00	1.40	31.	7.9	282.5	2.0
12	01	01	1	08	-13.6	0.184	-9.000	-9.000	-999.	190.	40.5	0.09	1.12	0.54	2.16	34.	7.9	284.2	2.0
12	01	01	1	09	28.4	0.126	0.300	0.011	33.	108.	-6.2	0.09	1.12	0.32	1.03	29.	7.9	289.2	2.0
12	01	01	1	10	79.8	0.133	0.607	0.010	99.	116.	-2.6	0.09	1.12	0.25	0.94	173.	7.9	292.5	2.0
12	01	01	1	11	115.8	0.137	0.932	0.006	246.	121.	-2.0	0.09	1.12	0.22	0.92	172.	7.9	295.4	2.0
12	01	01	1	12	133.7	0.139	1.197	0.005	453.	125.	-1.8	0.09	1.12	0.21	0.92	146.	7.9	297.5	2.0
12	01	01	1	13	133.2	0.160	1.354	0.005	657.	153.	-2.7	0.09	1.12	0.21	1.14	117.	7.9	299.9	2.0
12	01	01	1	14	113.5	0.159	1.454	0.005	955.	151.	-3.1	0.09	1.12	0.23	1.16	285.	7.9	300.9	2.0
12	01	01	1	15	76.2	0.166	1.350	0.005	1138.	163.	-5.3	0.09	1.12	0.26	1.33	72.	7.9	302.0	2.0
12	01	01	1	16	23.5	0.175	0.925	0.005	1183.	175.	-19.9	0.09	1.12	0.35	1.65	107.	7.9	301.4	2.0
12	01	01	1	17	-6.1	0.107	-9.000	-9.000	-999.	86.	18.0	0.09	1.12	0.63	1.31	107.	7.9	298.1	2.0
12	01	01	1	18	-11.1	0.141	-9.000	-9.000	-999.	127.	22.1	0.09	1.12	1.00	1.69	86.	7.9	293.1	2.0
12	01	01	1	19	-3.2	0.076	-9.000	-9.000	-999.	51.	11.8	0.09	1.12	1.00	0.91	64.	7.9	292.0	2.0
12	01	01	1	20	-2.3	0.066	-9.000	-9.000	-999.	41.	11.2	0.09	1.12	1.00	0.74	73.	7.9	288.8	2.0
12	01	01	1	21	-10.0	0.133	-9.000	-9.000	-999.	116.	20.5	0.09	1.12	1.00	1.60	14.	7.9	288.1	2.0
12	01	01	1	22	-19.4	0.201	-9.000	-9.000	-999.	216.	44.5	0.09	1.12	1.00	2.36	22.	7.9	287.5	2.0
12	01	01	1	23	-23.7	0.246	-9.000	-9.000	-999.	293.	66.5	0.09	1.12						

```
1.00    2.86   40.    7.9  287.0    2.0
 12 01 01   1 24  -12.3  0.147 -9.000 -9.000 -999.  139.     23.8  0.09   1.12
1.00    1.76   40.    7.9  283.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    7.9 1   43.    2.03   286.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                          ***       12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                        ***       14:09:25

                                  PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     IDLE_A_1    , IDLE_A_2
 , IDLE_A_3    , IDLE_A_4    , IDLE_A_5    ,
                 IDLE_A_6    , IDLE_A_7    , IDLE_A_8    , IDLE_A_9    , IDLE_A_10
 , IDLE_B_1    , IDLE_B_2    , IDLE_B_3    ,
                 IDLE_B_4    , IDLE_B_5    , IDLE_B_6    , IDLE_B_7    , IDLE_B_8
 , IDLE_B_9    , IDLE_B_10   , IDLE_B_11   ,
                 IDLE_B_12   , IDLE_B_13   , IDLE_B_14   , IDLE_C_1    , IDLE_C_2
 , IDLE_C_3    , IDLE_C_4    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         451723.00    3773367.00        0.00089                        451723.00
3773460.00        0.00088
         451723.00    3773553.00        0.00087                        451723.00
3773645.00        0.00085
         451723.00    3773738.00        0.00085                        451723.00
3773831.00        0.00084
         451723.00    3773924.00        0.00084                        451882.00
3774117.00        0.00026
         451002.00    3771711.00        0.01202                        451034.00
3771266.00        0.01321
         451139.00    3770802.00        0.00287                        450769.00
```

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***

** CONC OF OTHER   IN MICROGRAMS/M**3
**

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01321 AT (451034.00, 3771266.00, 324.00, 324.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.01202 AT (451002.00, 3771711.00, 331.00, 331.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00639 AT (450496.00, 3771264.00, 325.00, 325.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00592 AT (450496.00, 3770991.00, 321.00, 321.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00468 AT (450532.00, 3771723.00, 335.00, 335.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00398 AT (450769.00, 3770802.00, 318.00, 318.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00287 AT (451139.00, 3770802.00, 320.00, 320.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00284 AT (450375.00, 3770784.00, 326.00, 326.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00277 AT (450383.00, 3771528.00, 338.00, 338.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00126 AT (450327.00, 3771924.00,		

```
338.00,   338.00,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   *** BRIDGE POINT RANCHO CUCAMONGA
                         ***        12/21/20
 *** AERMET - VERSION  16216 ***   *** DIESEL PARTICULATE MATTER (DPM)
                          ***       14:09:25

                                    PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of         1628 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of         1278 Calm Hours Identified

 A Total of          350 Missing Hours Identified (  0.80 Percent)


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


    ********   WARNING MESSAGES   ********
 ME W186    1949       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    1949       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

AVERAGE EMISSION FACTOR REFRIGERATED
San Bernardino 2022

Speed	LHD1	MHD	HHD
0	0.356236	0.114036	0.01588
5	0.031861	0.052929	0.04181
25	0.011555	0.026796	0.01757

Speed	Weighted Average Emissions
0	**0.14444**
5	**0.03961**
25	**0.01652**

AVERAGE EMISSION FACTOR UNREFRIGERATED
San Bernardino 2022

Speed	LHD1	MHD	HHD
0	0.356236	0.114036	0.01588
5	0.031861	0.052929	0.04181
25	0.011555	0.026796	0.01757

Speed	Weighted Average Emissions
0	**0.09277**
5	**0.04248**
25	**0.01850**

Emission Rates - 2022 Emission Factors

	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates [d] (g/second)
Onsite Idle A (Building 2 northern loading docks)	33			0.0928	0.76	8.785E-06
Onsite Idle B (Building 2 southern loading docks)	33			0.0928	0.76	8.785E-06
Onsite Idle C (Building 1 eastern loading docks)	61			0.0928	1.41	1.631E-05
Onsite Idle D (Building 1 western loading docks)	61			0.0928	1.41	1.631E-05
Onsite Travel (including Project truck traffic on Street A)	374	757.60	0.04248		32.18	3.725E-04
Foothill Blvd. East to Etiwanda Ave. from I-15 / 10% Inbound	19	9.06	0.01850		0.17	1.941E-06
Etiwanda Ave. South to 6th St. from Foothill Blvd. / 10% Inbound	19	25.80	0.01850		0.48	5.523E-06
6th St. West from Etiwanda Ave. / 10% Inbound	19	8.60	0.01850		0.16	1.841E-06
San Bernardino Ave. West to Etiwanda Avenue / 5% Inbound	9	4.74	0.01850		0.09	1.015E-06
4th St. West from Etiwanda Ave. 60% Inbound	112	53.54	0.01850		0.99	1.146E-05
Etiwanda Ave. North to 4th St. from I-10 / 55% Inbound	103	69.02	0.01850		1.28	1.478E-05
4th St. East from I-15 / 30% Inbound	56	27.61	0.01850		0.51	5.911E-06
Foothill Blvd. West from Etiwanda Ave. to I-15 / 10% Outbound	19	8.71	0.01850		0.16	1.866E-06
Etiwanda Ave. North from 6th St. to Foothill Blvd. / 10% Outbound	19	25.80	0.01850		0.48	5.523E-06
6th St. East to Etiwanda Ave. / 30% Outbound	56	25.80	0.01850		0.48	5.523E-06
Etiwanda Ave. South from 6th St. to I-10 / 20% Outbound	37	47.41	0.01850		0.88	1.015E-05
4th St. East to San Berardino Ave. / 5% Outbound	9	9.20	0.01850		0.17	1.970E-06
4th St. West to I15 / 65% Outbound	122	59.82	0.01850		1.11	1.281E-05

a Vehicle miles traveled are for modeled truck route only.

b Emission rates determined using EMFAC 2017. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

c This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes.

Emission Rates - 2022 Emission Factors

	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates [d] (g/second)
Onsite Idle A (Building 2 northern loading docks)	14			0.1444	2.57	2.977E-05
Onsite Idle B (Building 2 southern loading docks)	14			0.1444	2.57	2.977E-05
Onsite Idle C (Building 1 eastern loading docks)	26			0.1444	4.78	5.528E-05
Onsite Idle D (Building 1 western loading docks)	26			0.1444	4.78	5.528E-05
Onsite Travel (including Project truck traffic on Street A)	162	328.16	0.03961		16.86	1.951E-04
Foothill Blvd. East to Etiwanda Ave. from I-15 / 10% Inbound	8	3.93	0.01652		0.11	1.279E-06
Etiwanda Ave. South to 6th St. from Foothill Blvd. / 10% Inbound	8	11.17	0.01652		0.31	3.640E-06
6th St. West from Etiwanda Ave. / 10% Inbound	8	3.72	0.01652		0.10	1.213E-06
San Bernardino Ave. West to Etiwanda Avenue / 5% Inbound	4	2.05	0.01652		0.06	6.689E-07
4th St. West from Etiwanda Ave. 60% Inbound	49	23.19	0.01652		0.66	7.620E-06
Etiwanda Ave. North to 4th St. from I-10 / 55% Inbound	45	29.90	0.01652		0.85	9.830E-06
4th St. East from I-15 / 30% Inbound	24	11.96	0.01652		0.34	3.895E-06
Foothill Blvd. West from Etiwanda Ave. to I-15 / 10% Outbound	8	3.77	0.01652		0.11	1.230E-06
Etiwanda Ave. North from 6th St. to Foothill Blvd. / 10% Outbound	8	11.17	0.01652		0.31	3.640E-06
6th St. East to Etiwanda Ave. / 30% Outbound	24	11.17	0.01652		0.31	3.640E-06
Etiwanda Ave. South from 6th St. to I-10 / 20% Outbound	16	20.54	0.01652		0.58	6.689E-06
4th St. East to San Berardino Ave. / 5% Outbound	4	3.99	0.01652		0.11	1.298E-06
4th St. West to I-15 / 65% Outbound	53	25.91	0.01652		0.73	8.507E-06

a Vehicle miles traveled are for modeled truck route only.

b Emission rates determined using EMFAC 2017. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

c This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes.

d This column includes TRU emissions expressed in grams per hour. All TRUs are assumed to idle on-site for 30 minutes in addition to the off-site travel-related emissions.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_rate
2022	Annual	San Bernardino (SC)	HHDT	Dsl	60	70	RUNEX	5	PM10	0.045082
2022	Annual	San Bernardino (SC)	HHDT	Dsl	60	70	RUNEX	25	PM10	0.018946
2022	Annual	San Bernardino (SC)	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.070615
2022	Annual	San Bernardino (SC)	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.02561
2022	Annual	San Bernardino (SC)	MHDT	Dsl	60	70	RUNEX	5	PM10	0.05814
2022	Annual	San Bernardino (SC)	MHDT	Dsl	60	70	RUNEX	25	PM10	0.029434
2022	Annual	San Bernardino (SC)	HHDT	Dsl			IDLEX		PM10	0.017119
2022	Annual	San Bernardino (SC)	LHDT1	Dsl			IDLEX		PM10	0.789532
2022	Annual	San Bernardino (SC)	MHDT	Dsl			IDLEX		PM10	0.125262

EMFAC2017 (v1.0.2) Emissions Inventory
Region Type: County
Region: SAN BERNARDINO
Calendar Year: 2022
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Y	Vehicle Ca	Model Yea	Speed	Fuel	Population
SAN BERNARDINO	2022	HHDT	Aggregate	Aggregate	GAS	5.738391
SAN BERNARDINO	2022	HHDT	Aggregate	Aggregate	DSL	14883.97
SAN BERNARDINO	2022	HHDT	Aggregate	Aggregate	NG	1157.768
SAN BERNARDINO	2022	LHDT1	Aggregate	Aggregate	GAS	14369.53
SAN BERNARDINO	2022	LHDT1	Aggregate	Aggregate	DSL	11813.96
SAN BERNARDINO	2022	MHDT	Aggregate	Aggregate	GAS	1426.666
SAN BERNARDINO	2022	MHDT	Aggregate	Aggregate	DSL	14492.29

HHDT% GAS/NG	0.072504
HHDT% DSL	0.927496
LHDT1% GAS	0.548801
LHDT1% DSL	0.451199
MHDT% GAS	0.089621
MHDT% DSL	0.910379

TRU Type	TRU - Instate Trailer TRU
Number of Units	44
Operating Time Each Unit	1

TRU Type	TRU - Instate Truck TRU
Number of Units	37
Operating Time Each Unit	1

TRU Type	Emissions Pounds per Day						Annual
	ROG	NO_x	CO	SOX	PM10	PM2.5	MT CO_2
TRU - Instate Trailer TRU	0.18	1.48	2.26	0.00	0.02	0.02	34.82
TRU - Instate Truck TRU	0.07	0.72	0.60	0.00	0.03	0.03	14.39
Total	**0.26**	**2.20**	**2.86**	**0.00**	**0.05**	**0.05**	**49.21**

APPENDIX 2.2:

RISK CALCULATIONS

Table 1
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
-0.25 to 0 Age Bin Exposure Scenario

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
Trucks	0.00089	8.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.1E-07	9.82E-09	5.0E+00	1.4E-03	1.8E-04							
TOTAL								9.82E-09			1.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g. teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	0.25
inhalation rate (L/kg-day))	361
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.85
age sensitivity factor (age third trimester	10

Table 2
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
0-2 Age Bin Exposure Scenario

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
Trucks	0.00089	8.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.3E-07	2.37E-07	5.0E+00	1.4E-03	1.8E-04							
TOTAL								2.37E-07			1.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g. teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	2
inhalation rate (L/kg-day))	1090
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.85
age sensitivity factor (0 to 2 years old)	10

Table 3
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
2-16 Age Bin Exposure Scenario

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
Trucks	0.00089	8.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.4E-07	2.88E-07	5.0E+00	1.4E-03	1.8E-04							
TOTAL								2.88E-07			1.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g. teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	14
inhalation rate (L/kg-day))	745
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.72
age sensitivity factor (ages 2 to 16 years o	3

Table 4
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
16-30 Age Bin Exposure Scenario

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
Trucks	0.00089	8.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.9E-07	4.38E-08	5.0E+00	1.4E-03	1.8E-04							
TOTAL								4.38E-08			1.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g. teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

5.79E-07

0.58

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	14
inhalation rate (L/kg-day))	335
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.73
age sensitivity factor (ages 16 to 30 years (	1

Table 5
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
Worker Exposure Scenario

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
Trucks	0.01321	1.32E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.6E-06	9.84E-07	5.0E+00	1.4E-03	2.6E-03							
TOTAL								9.84E-07 0.98			2.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g. teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	250
exposure duration (years)	25
inhalation rate (L/kg-day))	290
inhalation absorption factor	1
averaging time (years)	70

Table 6
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
School Child Exposure Scenario

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	($mg/kg/day$)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
Trucks	0.00025	2.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.2E-08	4.13E-08	5.0E+00	1.4E-03	5.0E-05							
TOTAL								4.13E-08 0.04			5.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g. teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	180
exposure duration (years)	10
inhalation rate (L/kg-day))	745
inhalation absorption factor	1
averaging time (years)	70
age sensitivity factor (0 to 2 years old)	3