Appendix 4.1-2: Health Risk Assessment

Kimley»Horn

TECHNICAL MEMORANDUM

To: Greg Tsujiuchi and Lisa Kranitz, City of Gardena

From: Olivia Chan

Date: July 12, 2023

Subject: **Normandie Crossing Specific Plan Project - Construction Health Risk Assessment Peer Review**

Kimley-Horn has conducted a follow-up third-party peer review of the Project's Construction Health Risk Assessment (Air Quality Dynamics, July 2023) on behalf of the City of Gardena to verify that Kimley-Horn's March 7, 2023 third-party peer review Technical Memo (TM) recommendations have been incorporated. The revised July 2023 report addressed the third-party peer review comments and thus is in compliance with the TM recommendations. The analysis, as revised, meets the applicable provisions of CEQA and the State CEQA Guidelines and is adequate for inclusion in the Project EIR.

Please do not hesitate to contact Olivia Chan at olivia.chan@kimley-horn.com with any questions.

July 7, 2023

Saiko Investment Corp.
1590 Rosecrans Avenue, Suite D-303
Manhattan Beach, California 90266
Attn: Fred Shaffer

Re: Normandie Crossing Specific Plan Project - Construction Health Risk Assessment

Mr. Shaffer:

Per your request, Air Quality Dynamics has prepared a health risk assessment (HRA) to quantify the impact of diesel particulate matter (DPM), which is identified as a toxic air contaminant pursuant to California Code of Regulations Section 93001, associated with the generation of off-road equipment emissions during construction of the proposed project. This was done to supplement the air quality analysis prepared by Ramboll which evaluated criteria pollutant exposures associated with project construction and operation.

The HRA quantifies both carcinogenic risks and noncarcinogenic hazards for the maximum exposed residential receptor adjoining the project site. To ensure a viable quantification of exposure, the technical approach used in the preparation of the HRA was composed of all relevant and appropriate assessment and dispersion modeling methodologies presented by the U.S. Environmental Protection Agency, California Environmental Protection Agency and South Coast Air Quality Management District (SCAQMD).

Results of the HRA showed carcinogenic risk and noncarcinogenic hazard estimates for the maximum exposed residential receptor did not exceed identified significance thresholds. The following discussion outlines the methodology utilized to conduct the HRA and summarizes the protocol used to evaluate DPM exposures.

Source Identification

The project proposes the development of a 7-story podium design residential apartment building comprised of 328 dwelling units totaling 241,109 square feet with 75 adjoining 3-story townhome units totaling 115,982 square feet resulting in a total of 403 dwelling units. Courtyards, pool and dog park amenities are additionally proposed.

The site is currently improved with 106,100 square feet of building space and adjoining parking accommodations. The project proposes removal of all existing improvements and related site preparation, grading and earthmoving activities to facilitate development of the site.

The project is located at 16829-16911 South Normandie Avenue on a 5.25 acre (228,559 square feet) parcel adjoining urban uses including multi-family residential buildings, commercial structures and single family dwellings.

It is anticipated that the project will begin and complete construction within a 38-month calendar period. Figure 1 presents an aerial photograph of the project location and adjoining community.

Figure 1
Site Location /Vicinity Aerial Photograph

Source Characterization

On-site construction emission estimates were based upon the Los Angeles-South Coast County profile generated by the California Emissions Estimator Model (CalEEMod Version 2020.4.0) prepared by Ramboll. CalEEMod is an emissions model which provides a uniform platform quantifying pollutant emissions associated with project construction and operation. The model is considered a comprehensive tool for quantifying air quality impacts from projects located throughout the State prepared under the auspices of the California Environmental Quality Act (CEQA).

In 1998, diesel exhaust emissions in the PM_{10} particle size range were identified by the State of California as a toxic air contaminant. As such, the off-road PM_{10} exhaust estimates reported by CalEEMod, which assumed diesel-powered construction equipment will meet EPA-certified Tier 4 Final emission standards, were used to assess DPM exposures. The emission rates for both winter and summer scenarios were found to be commensurate.

To assess localized impacts, construction phase, calendar year and number of days associated with on-site construction activity were identified to produce an average daily emission rate. Construction operations are reported to occur for 994 days over a 1160-day period (3.18 years) based upon a 6 day per week (313 days per year) operational schedule which accounts for concurrent phase activities during paving and architectural coating operations.

Table 1 provides a summary of estimated average daily particulate emissions associated with each identified construction phase and year. Attachment B presents the emission calculation worksheet used to quantify pollutant source strength. Excerpts from the CalEEMod output file which identify construction phase timelines and associated emission rates are provided in Attachment C.

Table 1
Average Daily Emissions/PM_{10}

Construction Phase/Year	Emissions (Lbs/Day)
Demolition/2024	0.0616
Site Preparation/2024	0.0621
Site Grading/Excavation/2024	0.0484
Townhome/Apartment Foundations/Garages/2024	0.0853
Townhome/Apartment Foundations/Garages/2025	0.0788
Townhome/Apartment Framing/Rough-in/2025	0.0788
Townhome/Apartment Framing/Rough-in/2026	0.0788
Paving/Architectural Coating/2026	0.0414
Paving/Architectural Coating/2027	0.0414
Average Emissions	**0.0671**

Exposure Quantification

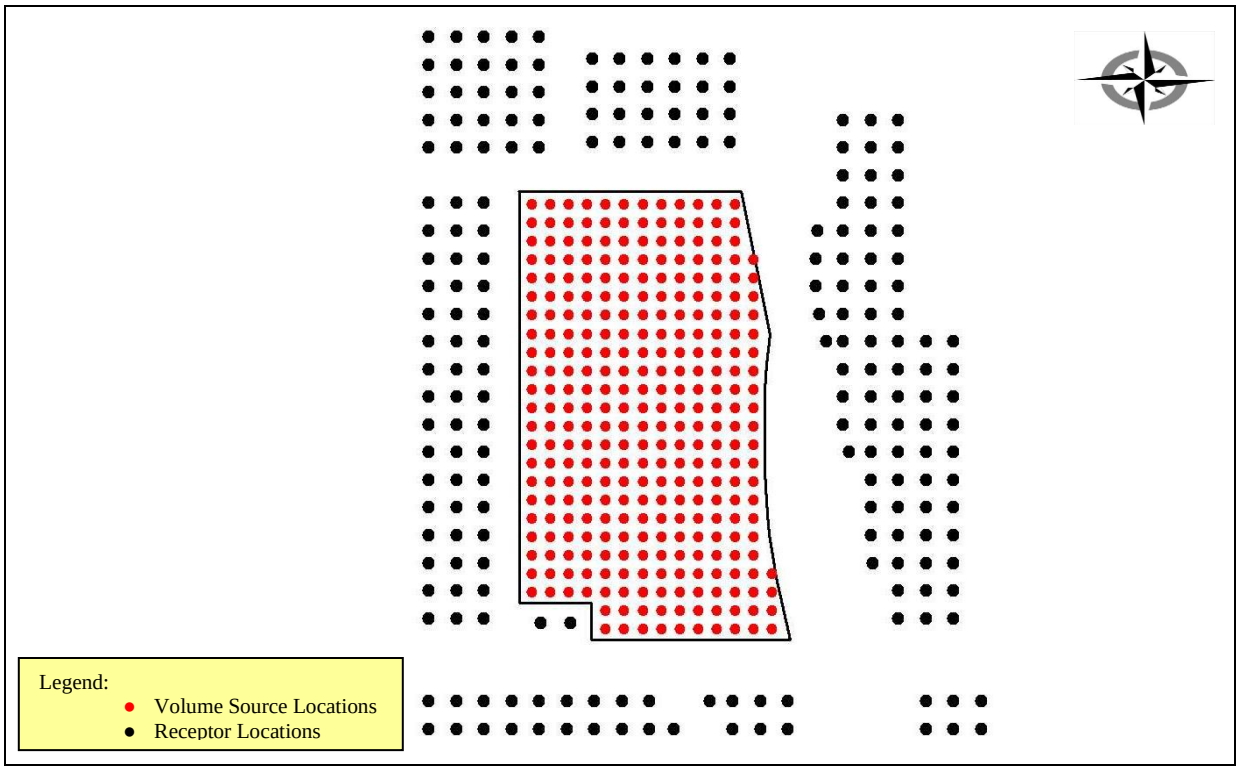
In order to assess the impact of DPM emissions, air quality modeling utilizing the American Meteorological Society (AMS)/EPA Regulatory Model (AERMOD) was performed. AERMOD is a steady-state Gaussian plume model applicable to directly emitted air pollutants that employs best state-of-practice parameterizations for characterizing meteorological influences and atmospheric dispersion. AERMOD is the U.S. Environmental Protection Agency's guideline model for the assessment of near-field pollutant dispersion.

The SCAQMD provides guidance (*Localized Significance Threshold Methodology*, July 2008) on the evaluation of localized air quality impacts to public agencies conducting environmental review of projects located within its jurisdiction. As such, source treatment outlined in the Localized Significance Threshold (LST) methodology was utilized whereby exhaust emissions from construction equipment were treated as a set of side-by-side elevated volume sources with a release height of five and an initial vertical (sigma z) dimension of 1.4 meters. The elevated source characterization accounts for a mid-range plume rise height associated with exhaust stack

emissions for typical off-road equipment inventories. Horizontal (sigma y) parameters were produced by dividing source separation distances by a standard deviation of 2.15.

To accommodate a Cartesian grid format, direction dependent calculations were obtained by identifying the universal transverse mercator (UTM) coordinates for each volume source location. UTM coordinates were also identified for residential receptors adjoining the project site. A flagpole receptor height of two meters was assumed and assigned to each receptor location. A graphical representation of the source-receptor grid network is presented in Figure 2.

Figure 2
Source-Receptor Grid Network



Refined air dispersion models require meteorological information to account for local atmospheric conditions. Due to their sensitivity to individual meteorological parameters such as wind speed and direction, the U.S. Environmental Protection Agency 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 Hawthorne Airport (Source Receptor Area 3) monitoring station which is located approximately 3.62 miles northwest of the project site was used to represent local weather conditions and prevailing winds.

In a manner consistent with SCAQMD guidance for the assessment of chronic exposures, maximum concentrations were produced by incorporating all five years of available meteorological data. A model scalar value of 1 was assigned to account for emissions generated during construction related activity corresponding to 8 hours per day as reported in the

CalEEMod construction profile from 8 a.m. to 4 p.m. (ending hours 9 to 16). A scalar value of 0 was used for non-operational hours. A copy of the AERMOD dispersion model output file is provided in Attachment D.

Risk Characterization

Carcinogenic compounds are not considered to have threshold levels (i.e., dose levels below which there are no risks). Any exposure, therefore, will have some associated risk. As a result, the SCAQMD has established a maximum incremental cancer risk which meets or exceeds a threshold of 10 in one million (10E-06) for projects prepared under CEQA. This threshold is also consistent with the State of California as a level posing no significant risk for exposures to carcinogens regulated under the Safe Drinking Water and Toxic Enforcement Act (Proposition 65).

Health risks associated with exposure to carcinogenic compounds can be defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. Under a deterministic approach (i.e., point estimate methodology), the cancer risk probability is determined by multiplying the chemical's annual concentration by its unit risk factor (URF). The URF is a measure of the carcinogenic potential of a chemical when a dose is received through the inhalation pathway. It represents an upper-bound estimate of the probability of contracting cancer as a result of continuous exposure to an ambient concentration of one microgram per cubic meter ($\mu g/m^3$) over a 70 year lifetime. The URF and corresponding cancer potency factor for DPM utilized in the assessment was obtained from the *Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values*.

A review of available guidance was conducted to determine applicability of the use of early life exposure adjustments to identified carcinogens. For risk assessments conducted under the auspices of The Air Toxics "Hot Spots" Information and Assessment Act (AB 2588, Connelly, Statutes of 1987; Health and Safety Code Section 44300 et seq.) a weighting factor is applied to all carcinogens regardless of purported mechanism of action. Notwithstanding, applicability of AB 2588 is limited to commercial and industrial operations. There are two broad classes of facilities subject to the AB 2588 Program: Core facilities and facilities identified within discrete industry-wide source categories. Core facilities subject to AB 2588 compliance are sources whose criteria pollutant emissions (particulate matter, oxides of sulfur, oxides of nitrogen and volatile organic compounds) are 25 tons per year or more as well as those facilities whose criteria pollutant emissions are 10 tons per year or more but less than 25 tons per year. Industry-wide source facilities are classified as smaller operations with relatively similar emission profiles (e.g., auto body shops, gas stations and dry cleaners using perchloroethylene). The off-road source emissions generated from the construction of the proposed project are not classified as core operations nor subject to industry-wide source evaluation.

Additionally, in comments presented to the SCAQMD Governing Board (Meeting Date: June 5, 2015, Agenda No. 28) relating to toxic air contaminant exposures under Rules 1401, 1401.1, 1402 and 212 revisions, use of the revised OEHHA guidelines and their applicability for projects

subject to CEQA as they relate to the incorporation of early-life exposure adjustments, it was reported that:

> The Proposed Amended Rules are separate from the CEQA significance thresholds. SCAQMD staff is currently evaluating how to implement the Revised OEHHA Guidelines under CEQA. The SCAQMD staff will evaluate a variety of options on how to evaluate health risks under the Revised OEHHA Guidelines under CEQA. The SCAQMD staff will conduct public workshops to gather input before bringing recommendations to the Governing Board.

To date, the SCAQMD, as a commenting agency, has not conducted public workshops nor developed policy relating to the applicability of applying the revised OEHHA guidance for projects prepared by other public/lead agencies subject to CEQA.

As such, the HRA relied upon U.S. Environmental Protection Agency guidance relating to the use of early life exposure adjustment factors (*Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens*, EPA/630/R-003F) whereby adjustment factors are only considered when carcinogens act "through the mutagenic mode of action." In 2006, the U.S. Environmental Protection Agency published a memorandum which provides guidance regarding the preparation of health risk assessments should carcinogenic compounds elicit a mutagenic mode of action (USEPA, 2006). As presented in the technical memorandum, numerous compounds were identified as having a mutagenic mode of action. For diesel particulates, polycyclic aromatic hydrocarbons (PAHs) and their derivatives, which are known to exhibit a mutagenic mode of action, comprise < 1% of the exhaust particulate mass. To date, the U.S. Environmental Protection Agency reports that whole diesel engine exhaust has not been shown to elicit a mutagenic mode of action (USEPA, 2018).

In addition, the California Department of Toxic Substances Control (DTSC) which is charged with protecting individuals and the environment from the effects of toxic substances and responsible for assessing, investigating and evaluating sensitive receptor populations to ensure that properties are free of contamination or that health protective remediation levels are achieved has adopted the U.S. Environmental Protection Agency's policy in the application of early life exposure adjustments and is consistent with the methodology considered in the assessment of residential exposures. As such, incorporation of early life exposure adjustments for exposures to DPM emissions in the quantification of carcinogenic risk for construction of the proposed project were not considered in the HRA.

To quantify dose, the procedure requires the incorporation of several discrete exposure variates. To account for upper-bound exposures associated with residential occupancies, lifetime risk values were adjusted to account for an exposure frequency of 313 days per year for a period of 3.18 years (i.e., 0.25 years for the third trimester, 2.0 years for ages 0 to 2 years and 0.93 years for the 2 to 9 year age group). Point estimates for daily breathing rates representing the 95th percentile of 361, 1090 and 861 L/kg-day for the identified age groups were utilized and incorporated into the following dose algorithm.

$$Dose_{air} = C_{air} \times \{BR/BW\} \times A \times EF \times 10^{-6}$$

Where:

$Dose_{air}$ = *dose through inhalation (mg/kg/day)*
C_{air} = *concentration of contaminant in air ($\mu g/m^3$)*
{BR/BW} = *daily breathing rate normalized to body weight (L/kg body weight/day)*
A = *inhalation absorption factor (unitless)*
EF = *exposure frequency (days/365 days)*
10^{-6} = *micrograms to milligrams conversion*

The above inhalation dose estimates and residential fractional time adjustments (i.e., 0.85 for the third trimester and ages 0 to 2 years and 0.72 for ages 2 to 16 years) were incorporated into the following equation to produce carcinogenic risk estimates for ages commensurate with the reported exposure durations.

$$Risk_{inh} = Dose_{air} \times CPF \times ED/AT \times FAH$$

Where:

$Risk_{inh}$ = *inhalation cancer risk*
$Dose_{air}$ = *daily inhalation dose (mg/kg/day)*
CPF = *inhalation cancer potency factor ($mg/kg/day^{-1}$)*
ED = *exposure duration for specified age group (years)*
AT = *averaging time (years)*
FAH = *fraction of time at home (unitless)*

Table 2 presents the carcinogenic risk estimate for the maximum exposed residential receptor. Attachment A, Tables A1 through A3, column b identify the predicted DPM concentration, columns f-h, present the URF, corresponding cancer potency factor and dose for each exposure scenario. The cancer risk estimate is presented in column i.

Table 2
Carcinogenic Risk / Maximum Exposed Residential Receptor

Age Group	Risk
Third Trimester	2.8E-08
0 to 2 years	4.9E-07
2 to 9 years	1.5E-07
Total	**6.6E-07**

Note: 6.6E-07 denotes an excess case of cancer of 6.6 in ten million (10,000,000) individuals exposed. The individual risk values by age group are rounded values. The total risk value represents the actual summation of risk for the identified occupancy.

As noted above, the carcinogenic risk for the maximum exposed residential receptor did not meet or exceed the significance threshold of 10 in one million (10E-06).

An evaluation of the potential noncancer effects of DPM exposure was also conducted. Under the point estimate approach, adverse health effects are evaluated by comparing the pollutant concentration with the appropriate Reference Exposure Level (REL). The chronic REL presented

in the *Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values* was considered in the assessment. There are no available acute/8-hour reference exposure levels for DPM.

To quantify noncarcinogenic impacts, the hazard index approach was used. The hazard index assumes that subthreshold exposures adversely affect a specific organ or organ system (i.e., toxicological endpoint). To calculate the hazard index, the pollutant concentration or dose is divided by its toxicity value. Should the total equal or exceed one (i.e., unity), a health hazard is presumed to exist. No exposure frequency or duration adjustments are considered for noncarcinogenic exposures.

For chronic noncarcinogenic effects, the hazard index for the respiratory endpoint totaled less than one for the maximum exposed residential receptor.

Table 3 presents the hazard index value for the maximum exposed residential receptor. Attachment A, Tables A1 through A3, column j presents the REL used in the evaluation of chronic noncarcinogenic exposure. The noncancer hazard index generated from off-road equipment activity is presented in column l.

Table 3
Noncarcinogenic Hazards / Maximum Exposed Residential Receptor

Receptor	Hazard
Residential	4.1E-03

Note: 4.1E-03 is commensurate with a numeric value of 0.0041.

Conclusion

Based upon the predicted carcinogenic risk and noncarcinogenic hazard estimates for the residential exposure scenario, the HRA demonstrates that construction of the proposed project will not result in unacceptable localized impacts.

I can be reached at (818) 703-3294 should you have any questions or require additional information.

Sincerely,

Bill Piazza

Attachment A: Carcinogenic Risk/Noncarcinogenic Hazard Calculation Worksheet
Attachment B: Emission Calculation Worksheet
Attachment C: CalEEMod Output File
Attachment D: Dispersion Model Output File
Attachment E: List of References

ATTACHMENT A

Carcinogenic Risk/Noncarcinogenic Hazard Calculation Worksheet

Table A1
Quantification of Carcinogenic Risks and Noncarcinogenic Hazard
Third Trimester Exposure Scenario / Maximum Exposed Residential Receptor

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazard		
					URF	CPF	DOSE	RISK	REL	RfD	RESP
	(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)
On-Site Exhaust	0.02059	2.06E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.4E-06	2.0E-08	5.0E+00	1.4E-03	4.1E-03
TOTAL								2.0E-08			4.1E-03

Note:

Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	313
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

Table A2
Quantification of Carcinogenic Risks and Noncarcinogenic Hazard
0 to 2 Year Exposure Scenario / Maximum Exposed Residential Receptor

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazard		
					URF	CPF	DOSE	RISK	REL	RfD	RESP
	(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)
On-Site Exhaust	0.02059	2.06E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-05	4.9E-07	5.0E+00	1.4E-03	4.1E-03
TOTAL								4.9E-07			4.1E-03

Note:

Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	313
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

Table A3
Quantification of Carcinogenic Risks and Noncarcinogenic Hazard
2 to 9 Year Exposure Scenario / Maximum Exposed Residential Receptor

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazard		
					URF	CPF	DOSE	RISK	REL	RfD	RESP
	(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)
On-Site Exhaust	0.02059	2.06E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-05	1.5E-07	5.0E+00	1.4E-03	4.1E-03
TOTAL								1.5E-07			4.1E-03

Note:

Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	313
exposure duration (years)	0.93
inhalation rate (L/kg-day))	861
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.72

ATTACHMENT B

Emission Calculation Worksheet

Emission Calculation Worksheet

Emissions	Phase	Start/End Dates	Lb/Day	# Days	Emissions
On-Site	Demolition	06/30/24 to 08/30/24	0.0616	53	3.2648
Exhaust PM10	Site Preparation	08/31/24 to 09/30/24	0.0621	26	1.6146
	Site Grading/Excavation	10/01/24 to 11/29/24	0.0484	52	2.5168
	Twnhouse/Apartment Foundations/Garages	11/30/24 to 12/31/24	0.0853	27	2.3031
	Twnhouse/Apartment Foundations/Garages	01/01/25 to 09/01/25	0.0788	209	16.4692
	Twnhouse/Apartment Framing/Rough-In	09/02/25 to 12/31/25	0.0788	104	8.1952
	Twnhouse/Apartment Framing/Rough-In	01/01/26 to 12/01/26	0.0788	287	22.6156
	Paving/Architectural Coating	12/02/26 to 12/31/26	0.0414	26	1.0754
	Paving/Architectural Coating	01/01/27 to 09/02/27	0.0414	210	8.6856
				994	66.7403
	Average Daily Construction (Lb/Day)				0.0671

Exhaust PM10			Combustion mass	Combustion g/s/source
	Combustion Sources	305	0.0671	3.4672E-06

ATTACHMENT C

CalEEMod Output File

DRAFT

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Normandie Crossing Specific Plan Project

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	328.00	Dwelling Unit	2.32	241,581.00	938
Condo/Townhouse	75.00	Dwelling Unit	2.93	115,982.00	215
Enclosed Parking with Elevator	559.00	Space	1.59	138,625.00	0
Recreational Swimming Pool	1.60	1000sqft	0.04	1,600.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	8			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	339.11	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SCE RPS in 2027

Land Use - Project-specific land use

Construction Phase - construction schedule based on project-specific information

Grading - soil export quantities based on project-specific data

Demolition -

Trips and VMT - construction trips based on project-specific information

Vehicle Trips - Project-specific trip rates

Woodstoves - no wood-burning fireplaces or woodstoves

Energy Use - No natural gas use for apartments, townhomes, or swimming pools; electricity use that accounts for the natural gas replacement in the residential dwelling units is included

Construction Off-road Equipment Mitigation - watering twice daily; Tier 4 for equipment greater than 50 hp

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	236.00
tblConstructionPhase	NumDays	230.00	236.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstructionPhase	NumDays	20.00	53.00
tblConstructionPhase	NumDays	20.00	52.00
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tblConstructionPhase	NumDays	10.00	26.00
tblConstructionPhase	NumDays	230.00	391.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	9/19/2025	9/2/2027
tblConstructionPhase	PhaseEndDate	7/25/2025	9/1/2025
tblConstructionPhase	PhaseEndDate	7/26/2024	8/30/2024
tblConstructionPhase	PhaseEndDate	9/6/2024	11/29/2024
tblConstructionPhase	PhaseEndDate	8/22/2025	9/2/2027
tblConstructionPhase	PhaseEndDate	8/9/2024	9/30/2024
tblConstructionPhase	PhaseStartDate	8/23/2025	12/2/2026
tblConstructionPhase	PhaseStartDate	9/7/2024	11/30/2024
tblConstructionPhase	PhaseStartDate	8/10/2024	10/1/2024
tblConstructionPhase	PhaseStartDate	7/26/2025	12/2/2026
tblConstructionPhase	PhaseStartDate	7/27/2024	8/31/2024
tblEnergyUse	LightingElect	741.44	1,233.99
tblEnergyUse	LightingElect	1,001.10	1,782.19
tblEnergyUse	NT24E	3,054.10	5,083.00
tblEnergyUse	NT24E	3,795.01	6,755.99
tblEnergyUse	NT24NG	5,516.00	0.00
tblEnergyUse	NT24NG	5,516.00	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblEnergyUse	T24E	38.29	63.73
tblEnergyUse	T24E	36.21	64.46
tblEnergyUse	T24NG	5,633.62	0.00
tblEnergyUse	T24NG	10,989.44	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	278.80	0.00
tblFireplaces	NumberGas	63.75	0.00
tblFireplaces	NumberNoFireplace	32.80	328.00
tblFireplaces	NumberNoFireplace	7.50	75.00
tblFireplaces	NumberWood	16.40	0.00
tblFireplaces	NumberWood	3.75	0.00
tblGrading	AcresOfGrading	52.00	20.00
tblGrading	AcresOfGrading	39.00	15.00
tblGrading	MaterialExported	0.00	10,000.00
tblLandUse	LandUseSquareFeet	328,000.00	241,581.00
tblLandUse	LandUseSquareFeet	75,000.00	115,982.00
tblLandUse	LandUseSquareFeet	223,600.00	138,625.00
tblLandUse	LotAcreage	8.63	2.32
tblLandUse	LotAcreage	4.69	2.93
tblLandUse	LotAcreage	5.03	1.59
tblProjectCharacteristics	CO2IntensityFactor	390.98	339.11
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	66.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	66.00	20.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblTripsAndVMT	WorkerTripNumber	15.00	30.00
tblTripsAndVMT	WorkerTripNumber	18.00	30.00
tblTripsAndVMT	WorkerTripNumber	15.00	30.00
tblTripsAndVMT	WorkerTripNumber	349.00	200.00
tblTripsAndVMT	WorkerTripNumber	15.00	150.00
tblTripsAndVMT	WorkerTripNumber	70.00	150.00
tblTripsAndVMT	WorkerTripNumber	349.00	300.00
tblVehicleTrips	ST_TR	4.91	3.89
tblVehicleTrips	ST_TR	8.14	7.12
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	SU_TR	4.09	3.24
tblVehicleTrips	SU_TR	6.28	5.49
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	WD_TR	5.44	4.31
tblVehicleTrips	WD_TR	7.32	6.40
tblVehicleTrips	WD_TR	28.82	0.00
tblWoodstoves	NumberCatalytic	16.40	0.00
tblWoodstoves	NumberCatalytic	3.75	0.00
tblWoodstoves	NumberNoncatalytic	16.40	0.00
tblWoodstoves	NumberNoncatalytic	3.75	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.7638	27.4836	22.4960	0.0509	19.0519	1.2325	20.2843	10.0968	1.1339	11.2307	0.0000	5,069.0665	5,069.0665	1.2038	0.3060	5,186.1405
2025	2.2926	13.8636	25.0062	0.0570	3.4814	0.5499	4.0313	0.9262	0.5169	1.4431	0.0000	5,612.6150	5,612.6150	0.6772	0.1202	5,665.3475
2026	11.6032	13.8029	24.7719	0.0561	3.4814	0.5489	4.0303	0.9262	0.5160	1.4422	0.0000	5,524.3968	5,524.3968	0.7996	0.1154	5,575.5820
2027	11.5560	11.0081	24.3159	0.0541	3.4814	0.4903	3.9717	0.9262	0.4553	1.3815	0.0000	5,376.8662	5,376.8662	0.7948	0.1113	5,429.8981
Maximum	**11.6032**	**27.4836**	**25.0062**	**0.0570**	**19.0519**	**1.2325**	**20.2843**	**10.0968**	**1.1339**	**11.2307**	**0.0000**	**5,612.6150**	**5,612.6150**	**1.2038**	**0.3060**	**5,665.3475**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.1734	5.7287	24.8628	0.0509	8.7789	0.1002	8.8441	4.5985	0.0991	4.6635	0.0000	5,069.0665	5,069.0665	1.2038	0.3060	5,186.1405
2025	1.4290	3.9667	26.5366	0.0570	3.4814	0.1011	3.5825	0.9262	0.0994	1.0256	0.0000	5,612.6150	5,612.6150	0.6772	0.1202	5,665.3475
2026	10.8274	3.9060	27.5129	0.0561	3.4814	0.1001	3.5815	0.9262	0.0985	1.0247	0.0000	5,524.3968	5,524.3968	0.7996	0.1154	5,575.5820
2027	10.7802	2.6251	27.0568	0.0541	3.4814	0.0616	3.5430	0.9262	0.0601	0.9863	0.0000	5,376.8662	5,376.8662	0.7948	0.1113	5,429.8981
Maximum	**10.8274**	**5.7287**	**27.5129**	**0.0570**	**8.7789**	**0.1011**	**8.8441**	**4.5985**	**0.0994**	**4.6635**	**0.0000**	**5,612.6150**	**5,612.6150**	**1.2038**	**0.3060**	**5,665.3475**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**14.20**	**75.47**	**-9.71**	**0.00**	**34.83**	**87.14**	**39.50**	**42.70**	**86.38**	**50.31**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	8.7550	0.3831	33.2736	1.7600e-003		0.1845	0.1845		0.1845	0.1845	0.0000	59.9893	59.9893	0.0577	0.0000	61.4305
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	5.3181	5.6063	52.9085	0.1176	14.0153	0.0842	14.0995	3.7337	0.0782	3.8119		12,005.4433	12,005.4433	0.8417	0.5207	12,181.6404
Total	**14.0730**	**5.9894**	**86.1821**	**0.1194**	**14.0153**	**0.2687**	**14.2840**	**3.7337**	**0.2627**	**3.9964**	**0.0000**	**12,065.4326**	**12,065.4326**	**0.8993**	**0.5207**	**12,243.0709**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	8.7550	0.3831	33.2736	1.7600e-003		0.1845	0.1845		0.1845	0.1845	0.0000	59.9893	59.9893	0.0577	0.0000	61.4305
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	5.3181	5.6063	52.9085	0.1176	14.0153	0.0842	14.0995	3.7337	0.0782	3.8119		12,005.4433	12,005.4433	0.8417	0.5207	12,181.6404
Total	**14.0730**	**5.9894**	**86.1821**	**0.1194**	**14.0153**	**0.2687**	**14.2840**	**3.7337**	**0.2627**	**3.9964**	**0.0000**	**12,065.4326**	**12,065.4326**	**0.8993**	**0.5207**	**12,243.0709**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/30/2024	8/30/2024	6	53	
2	Site Preparation	Site Preparation	8/31/2024	9/30/2024	6	26	
3	Site Grading/Excavation	Grading	10/1/2024	11/29/2024	6	52	
4	Twnhouse & Apartment Foundations and Garages	Building Construction	11/30/2024	9/1/2025	6	236	
5	Paving	Paving	12/2/2026	9/2/2027	6	236	
6	Architectural Coating	Architectural Coating	12/2/2026	9/2/2027	6	236	
7	Twnhouse & Apartment Framing/Rough-In	Building Construction	9/2/2025	12/1/2026	6	391	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 20

Acres of Paving: 1.59

Residential Indoor: 724,065; Residential Outdoor: 241,355; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 8,318 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Twnhouse & Apartment Foundations and Garages	Cranes	1	7.00	231	0.29
Demolition	Excavators	3	8.00	158	0.38

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Site Grading/Excavation	Excavators	1	8.00	158	0.38
Twnhouse & Apartment Foundations and Garages	Forklifts	3	8.00	89	0.20
Twnhouse & Apartment Foundations and Garages	Generator Sets	1	8.00	84	0.74
Site Grading/Excavation	Graders	1	8.00	187	0.41
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Grading/Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Twnhouse & Apartment Foundations and Garages	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Site Grading/Excavation	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Twnhouse & Apartment Foundations and Garages	Welders	1	8.00	46	0.45
Twnhouse & Apartment Framing/Rough-In	Cranes	1	7.00	231	0.29
Twnhouse & Apartment Framing/Rough-In	Forklifts	3	8.00	89	0.20
Twnhouse & Apartment Framing/Rough-In	Generator Sets	1	8.00	84	0.74
Twnhouse & Apartment Framing/Rough-In	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Twnhouse & Apartment Framing/Rough-In	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	30.00	20.00	525.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	30.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Grading/Excavation	6	30.00	20.00	1,250.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Twnhouse & Apartment Foundation	9	200.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	150.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	150.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Twnhouse & Apartment Framing/R	9	300.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1437	0.0000	2.1437	0.3246	0.0000	0.3246			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**2.1437**	**0.9602**	**3.1039**	**0.3246**	**0.8922**	**1.2168**		**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0200	1.3531	0.3558	5.7100e-003	0.1734	8.2400e-003	0.1816	0.0475	7.8800e-003	0.0554		628.2531	628.2531	0.0353	0.0998	658.8784
Vendor	0.0215	0.8054	0.3003	3.6700e-003	0.1281	3.9100e-003	0.1320	0.0369	3.7400e-003	0.0406		395.2287	395.2287	0.0134	0.0569	412.5305
Worker	0.0964	0.0660	0.9269	2.7300e-003	0.3353	1.9300e-003	0.3373	0.0889	1.7800e-003	0.0907		276.1769	276.1769	6.9500e-003	6.8800e-003	278.3994
Total	**0.1379**	**2.2245**	**1.5830**	**0.0121**	**0.6368**	**0.0141**	**0.6509**	**0.1734**	**0.0134**	**0.1868**		**1,299.6587**	**1,299.6587**	**0.0557**	**0.1636**	**1,349.8082**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9647	0.0000	0.9647	0.1461	0.0000	0.1461			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**0.4623**	**2.0032**	**23.2798**	**0.0388**	**0.9647**	**0.0616**	**1.0263**	**0.1461**	**0.0616**	**0.2077**	**0.0000**	**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0200	1.3531	0.3558	5.7100e-003	0.1734	8.2400e-003	0.1816	0.0475	7.8800e-003	0.0554		628.2531	628.2531	0.0353	0.0998	658.8784
Vendor	0.0215	0.8054	0.3003	3.6700e-003	0.1281	3.9100e-003	0.1320	0.0369	3.7400e-003	0.0406		395.2287	395.2287	0.0134	0.0569	412.5305
Worker	0.0964	0.0660	0.9269	2.7300e-003	0.3353	1.9300e-003	0.3373	0.0889	1.7800e-003	0.0907		276.1769	276.1769	6.9500e-003	6.8800e-003	278.3994
Total	**0.1379**	**2.2245**	**1.5830**	**0.0121**	**0.6368**	**0.0141**	**0.6509**	**0.1734**	**0.0134**	**0.1868**		**1,299.6587**	**1,299.6587**	**0.0557**	**0.1636**	**1,349.8082**

3.3 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.6781	0.0000	18.6781	9.9968	0.0000	9.9968			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**18.6781**	**1.2294**	**19.9074**	**9.9968**	**1.1310**	**11.1278**		**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.4500e-003	0.2416	0.0901	1.1000e-003	0.0384	1.1700e-003	0.0396	0.0111	1.1200e-003	0.0122		118.5686	118.5686	4.0200e-003	0.0171	123.7591
Worker	0.0964	0.0660	0.9269	2.7300e-003	0.3353	1.9300e-003	0.3373	0.0889	1.7800e-003	0.0907		276.1769	276.1769	6.9500e-003	6.8800e-003	278.3994
Total	**0.1029**	**0.3076**	**1.0169**	**3.8300e-003**	**0.3738**	**3.1000e-003**	**0.3769**	**0.1000**	**2.9000e-003**	**0.1029**		**394.7455**	**394.7455**	**0.0110**	**0.0240**	**402.1585**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.4051	0.0000	8.4051	4.4985	0.0000	4.4985			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**0.4656**	**2.0175**	**20.8690**	**0.0381**	**8.4051**	**0.0621**	**8.4672**	**4.4985**	**0.0621**	**4.5606**	**0.0000**	**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.4500e-003	0.2416	0.0901	1.1000e-003	0.0384	1.1700e-003	0.0396	0.0111	1.1200e-003	0.0122		118.5686	118.5686	4.0200e-003	0.0171	123.7591
Worker	0.0964	0.0660	0.9269	2.7300e-003	0.3353	1.9300e-003	0.3373	0.0889	1.7800e-003	0.0907		276.1769	276.1769	6.9500e-003	6.8800e-003	278.3994
Total	**0.1029**	**0.3076**	**1.0169**	**3.8300e-003**	**0.3738**	**3.1000e-003**	**0.3769**	**0.1000**	**2.9000e-003**	**0.1029**		**394.7455**	**394.7455**	**0.0110**	**0.0240**	**402.1585**

3.4 Site Grading/Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.4517	0.0000	6.4517	3.3576	0.0000	3.3576			0.0000			0.0000
Off-Road	1.6617	17.0310	14.7594	0.0297		0.7244	0.7244		0.6665	0.6665		2,873.0541	2,873.0541	0.9292		2,896.2842
Total	**1.6617**	**17.0310**	**14.7594**	**0.0297**	**6.4517**	**0.7244**	**7.1761**	**3.3576**	**0.6665**	**4.0240**		**2,873.0541**	**2,873.0541**	**0.9292**		**2,896.2842**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Site Grading/Excavation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0484	3.2836	0.8634	0.0139	0.4208	0.0200	0.4408	0.1154	0.0191	0.1345		1,524.6069	1,524.6069	0.0857	0.2422	1,598.9265
Vendor	0.0215	0.8054	0.3003	3.6700e-003	0.1281	3.9100e-003	0.1320	0.0369	3.7400e-003	0.0406		395.2287	395.2287	0.0134	0.0569	412.5305
Worker	0.0964	0.0660	0.9269	2.7300e-003	0.3353	1.9300e-003	0.3373	0.0889	1.7800e-003	0.0907		276.1769	276.1769	6.9500e-003	6.8800e-003	278.3994
Total	**0.1663**	**4.1550**	**2.0906**	**0.0203**	**0.8842**	**0.0258**	**0.9101**	**0.2412**	**0.0247**	**0.2658**		**2,196.0125**	**2,196.0125**	**0.1061**	**0.3060**	**2,289.8563**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9033	0.0000	2.9033	1.5109	0.0000	1.5109			0.0000			0.0000
Off-Road	0.3632	1.5737	17.7527	0.0297		0.0484	0.0484		0.0484	0.0484	0.0000	2,873.0541	2,873.0541	0.9292		2,896.2842
Total	**0.3632**	**1.5737**	**17.7527**	**0.0297**	**2.9033**	**0.0484**	**2.9517**	**1.5109**	**0.0484**	**1.5593**	**0.0000**	**2,873.0541**	**2,873.0541**	**0.9292**		**2,896.2842**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Site Grading/Excavation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0484	3.2836	0.8634	0.0139	0.4208	0.0200	0.4408	0.1154	0.0191	0.1345		1,524.6069	1,524.6069	0.0857	0.2422	1,598.9265
Vendor	0.0215	0.8054	0.3003	3.6700e-003	0.1281	3.9100e-003	0.1320	0.0369	3.7400e-003	0.0406		395.2287	395.2287	0.0134	0.0569	412.5305
Worker	0.0964	0.0660	0.9269	2.7300e-003	0.3353	1.9300e-003	0.3373	0.0889	1.7800e-003	0.0907		276.1769	276.1769	6.9500e-003	6.8800e-003	278.3994
Total	**0.1663**	**4.1550**	**2.0906**	**0.0203**	**0.8842**	**0.0258**	**0.9101**	**0.2412**	**0.0247**	**0.2658**		**2,196.0125**	**2,196.0125**	**0.1061**	**0.3060**	**2,289.8563**

3.5 Twnhouse & Apartment Foundations and Garages - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Twnhouse & Apartment Foundations and Garages - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0108	0.4027	0.1502	1.8300e-003	0.0641	1.9500e-003	0.0660	0.0184	1.8700e-003	0.0203		197.6143	197.6143	6.7100e-003	0.0285	206.2652
Worker	0.6428	0.4398	6.1790	0.0182	2.2355	0.0129	2.2484	0.5929	0.0119	0.6047		1,841.1792	1,841.1792	0.0463	0.0458	1,855.9958
Total	**0.6536**	**0.8425**	**6.3292**	**0.0201**	**2.2996**	**0.0148**	**2.3144**	**0.6113**	**0.0137**	**0.6250**		**2,038.7935**	**2,038.7935**	**0.0530**	**0.0743**	**2,062.2610**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5199	2.6115	17.6271	0.0270		0.0853	0.0853		0.0853	0.0853	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**0.5199**	**2.6115**	**17.6271**	**0.0270**		**0.0853**	**0.0853**		**0.0853**	**0.0853**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Twnhouse & Apartment Foundations and Garages - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0108	0.4027	0.1502	1.8300e-003	0.0641	1.9500e-003	0.0660	0.0184	1.8700e-003	0.0203		197.6143	197.6143	6.7100e-003	0.0285	206.2652
Worker	0.6428	0.4398	6.1790	0.0182	2.2355	0.0129	2.2484	0.5929	0.0119	0.6047		1,841.1792	1,841.1792	0.0463	0.0458	1,855.9958
Total	**0.6536**	**0.8425**	**6.3292**	**0.0201**	**2.2996**	**0.0148**	**2.3144**	**0.6113**	**0.0137**	**0.6250**		**2,038.7935**	**2,038.7935**	**0.0530**	**0.0743**	**2,062.2610**

3.5 Twnhouse & Apartment Foundations and Garages - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Twnhouse & Apartment Foundations and Garages - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0104	0.4008	0.1474	1.8000e-003	0.0641	1.9600e-003	0.0660	0.0184	1.8700e-003	0.0203		194.0625	194.0625	6.7500e-003	0.0280	202.5675
Worker	0.6029	0.3949	5.7511	0.0176	2.2355	0.0123	2.2478	0.5929	0.0113	0.6042		1,778.6771	1,778.6771	0.0418	0.0428	1,792.4762
Total	**0.6133**	**0.7957**	**5.8985**	**0.0194**	**2.2996**	**0.0142**	**2.3138**	**0.6113**	**0.0132**	**0.6245**		**1,972.7396**	**1,972.7396**	**0.0486**	**0.0708**	**1,995.0438**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5038	2.5728	17.6150	0.0270		0.0788	0.0788		0.0788	0.0788	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.5038**	**2.5728**	**17.6150**	**0.0270**		**0.0788**	**0.0788**		**0.0788**	**0.0788**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Twnhouse & Apartment Foundations and Garages - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0104	0.4008	0.1474	1.8000e-003	0.0641	1.9600e-003	0.0660	0.0184	1.8700e-003	0.0203		194.0625	194.0625	6.7500e-003	0.0280	202.5675
Worker	0.6029	0.3949	5.7511	0.0176	2.2355	0.0123	2.2478	0.5929	0.0113	0.6042		1,778.6771	1,778.6771	0.0418	0.0428	1,792.4762
Total	**0.6133**	**0.7957**	**5.8985**	**0.0194**	**2.2996**	**0.0142**	**2.3138**	**0.6113**	**0.0132**	**0.6245**		**1,972.7396**	**1,972.7396**	**0.0486**	**0.0708**	**1,995.0438**

3.6 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0101	0.3979	0.1453	1.7700e-003	0.0641	1.9500e-003	0.0660	0.0184	1.8700e-003	0.0203		190.4661	190.4661	6.8000e-003	0.0275	198.8219
Worker	0.4266	0.2687	4.0471	0.0128	1.6767	8.7100e-003	1.6854	0.4447	8.0200e-003	0.4527		1,293.4952	1,293.4952	0.0285	0.0302	1,303.2201
Total	**0.4368**	**0.6666**	**4.1924**	**0.0146**	**1.7407**	**0.0107**	**1.7514**	**0.4631**	**9.8900e-003**	**0.4730**		**1,483.9612**	**1,483.9612**	**0.0353**	**0.0577**	**1,502.0420**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2805**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0101	0.3979	0.1453	1.7700e-003	0.0641	1.9500e-003	0.0660	0.0184	1.8700e-003	0.0203		190.4661	190.4661	6.8000e-003	0.0275	198.8219
Worker	0.4266	0.2687	4.0471	0.0128	1.6767	8.7100e-003	1.6854	0.4447	8.0200e-003	0.4527		1,293.4952	1,293.4952	0.0285	0.0302	1,303.2201
Total	**0.4368**	**0.6666**	**4.1924**	**0.0146**	**1.7407**	**0.0107**	**1.7514**	**0.4631**	**9.8900e-003**	**0.4730**		**1,483.9612**	**1,483.9612**	**0.0353**	**0.0577**	**1,502.0420**

3.6 Paving - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9152**	**8.5816**	**14.5780**	**0.0228**		**0.4185**	**0.4185**		**0.3850**	**0.3850**		**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.8900e-003	0.3950	0.1436	1.7300e-003	0.0641	1.9400e-003	0.0660	0.0184	1.8600e-003	0.0203		186.7227	186.7227	6.8100e-003	0.0270	194.9241
Worker	0.4032	0.2455	3.8207	0.0124	1.6767	8.1800e-003	1.6848	0.4447	7.5200e-003	0.4522		1,257.6138	1,257.6138	0.0260	0.0287	1,266.8152
Total	**0.4131**	**0.6405**	**3.9644**	**0.0142**	**1.7407**	**0.0101**	**1.7508**	**0.4631**	**9.3800e-003**	**0.4725**		**1,444.3365**	**1,444.3365**	**0.0329**	**0.0556**	**1,461.7392**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2805**	**1.2154**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,206.7452**	**2,206.7452**	**0.7137**		**2,224.5878**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.8900e-003	0.3950	0.1436	1.7300e-003	0.0641	1.9400e-003	0.0660	0.0184	1.8600e-003	0.0203		186.7227	186.7227	6.8100e-003	0.0270	194.9241
Worker	0.4032	0.2455	3.8207	0.0124	1.6767	8.1800e-003	1.6848	0.4447	7.5200e-003	0.4522		1,257.6138	1,257.6138	0.0260	0.0287	1,266.8152
Total	**0.4131**	**0.6405**	**3.9644**	**0.0142**	**1.7407**	**0.0101**	**1.7508**	**0.4631**	**9.3800e-003**	**0.4725**		**1,444.3365**	**1,444.3365**	**0.0329**	**0.0556**	**1,461.7392**

3.7 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.6437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**9.8146**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0101	0.3979	0.1453	1.7700e-003	0.0641	1.9500e-003	0.0660	0.0184	1.8700e-003	0.0203		190.4661	190.4661	6.8000e-003	0.0275	198.8219
Worker	0.4266	0.2687	4.0471	0.0128	1.6767	8.7100e-003	1.6854	0.4447	8.0200e-003	0.4527		1,293.4952	1,293.4952	0.0285	0.0302	1,303.2201
Total	**0.4368**	**0.6666**	**4.1924**	**0.0146**	**1.7407**	**0.0107**	**1.7514**	**0.4631**	**9.8900e-003**	**0.4730**		**1,483.9612**	**1,483.9612**	**0.0353**	**0.0577**	**1,502.0420**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.6437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**9.6734**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0101	0.3979	0.1453	1.7700e-003	0.0641	1.9500e-003	0.0660	0.0184	1.8700e-003	0.0203		190.4661	190.4661	6.8000e-003	0.0275	198.8219
Worker	0.4266	0.2687	4.0471	0.0128	1.6767	8.7100e-003	1.6854	0.4447	8.0200e-003	0.4527		1,293.4952	1,293.4952	0.0285	0.0302	1,303.2201
Total	**0.4368**	**0.6666**	**4.1924**	**0.0146**	**1.7407**	**0.0107**	**1.7514**	**0.4631**	**9.8900e-003**	**0.4730**		**1,483.9612**	**1,483.9612**	**0.0353**	**0.0577**	**1,502.0420**

3.7 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.6437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**9.8146**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.8900e-003	0.3950	0.1436	1.7300e-003	0.0641	1.9400e-003	0.0660	0.0184	1.8600e-003	0.0203		186.7227	186.7227	6.8100e-003	0.0270	194.9241
Worker	0.4032	0.2455	3.8207	0.0124	1.6767	8.1800e-003	1.6848	0.4447	7.5200e-003	0.4522		1,257.6138	1,257.6138	0.0260	0.0287	1,266.8152
Total	**0.4131**	**0.6405**	**3.9644**	**0.0142**	**1.7407**	**0.0101**	**1.7508**	**0.4631**	**9.3800e-003**	**0.4725**		**1,444.3365**	**1,444.3365**	**0.0329**	**0.0556**	**1,461.7392**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.6437					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**9.6734**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.8900e-003	0.3950	0.1436	1.7300e-003	0.0641	1.9400e-003	0.0660	0.0184	1.8600e-003	0.0203		186.7227	186.7227	6.8100e-003	0.0270	194.9241
Worker	0.4032	0.2455	3.8207	0.0124	1.6767	8.1800e-003	1.6848	0.4447	7.5200e-003	0.4522		1,257.6138	1,257.6138	0.0260	0.0287	1,266.8152
Total	**0.4131**	**0.6405**	**3.9644**	**0.0142**	**1.7407**	**0.0101**	**1.7508**	**0.4631**	**9.3800e-003**	**0.4725**		**1,444.3365**	**1,444.3365**	**0.0329**	**0.0556**	**1,461.7392**

3.8 Twnhouse & Apartment Framing/Rough-In - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Twnhouse & Apartment Framing/Rough-In - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0208	0.8016	0.2949	3.6000e-003	0.1281	3.9200e-003	0.1320	0.0369	3.7500e-003	0.0406		388.1250	388.1250	0.0135	0.0560	405.1351
Worker	0.9044	0.5923	8.6267	0.0264	3.3533	0.0184	3.3717	0.8893	0.0169	0.9062		2,668.0157	2,668.0157	0.0627	0.0642	2,688.7144
Total	**0.9252**	**1.3939**	**8.9215**	**0.0300**	**3.4814**	**0.0223**	**3.5037**	**0.9262**	**0.0207**	**0.9469**		**3,056.1406**	**3,056.1406**	**0.0762**	**0.1202**	**3,093.8494**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5038	2.5728	17.6150	0.0270		0.0788	0.0788		0.0788	0.0788	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.5038**	**2.5728**	**17.6150**	**0.0270**		**0.0788**	**0.0788**		**0.0788**	**0.0788**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Twnhouse & Apartment Framing/Rough-In - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0208	0.8016	0.2949	3.6000e-003	0.1281	3.9200e-003	0.1320	0.0369	3.7500e-003	0.0406		388.1250	388.1250	0.0135	0.0560	405.1351
Worker	0.9044	0.5923	8.6267	0.0264	3.3533	0.0184	3.3717	0.8893	0.0169	0.9062		2,668.0157	2,668.0157	0.0627	0.0642	2,688.7144
Total	**0.9252**	**1.3939**	**8.9215**	**0.0300**	**3.4814**	**0.0223**	**3.5037**	**0.9262**	**0.0207**	**0.9469**		**3,056.1406**	**3,056.1406**	**0.0762**	**0.1202**	**3,093.8494**

3.8 Twnhouse & Apartment Framing/Rough-In - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Twnhouse & Apartment Framing/Rough-In - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0203	0.7958	0.2907	3.5300e-003	0.1281	3.9100e-003	0.1320	0.0369	3.7400e-003	0.0406		380.9321	380.9321	0.0136	0.0549	397.6438
Worker	0.8533	0.5374	8.0941	0.0256	3.3533	0.0174	3.3707	0.8893	0.0160	0.9054		2,586.9904	2,586.9904	0.0570	0.0605	2,606.4402
Total	**0.8735**	**1.3332**	**8.3848**	**0.0291**	**3.4814**	**0.0213**	**3.5027**	**0.9262**	**0.0198**	**0.9460**		**2,967.9225**	**2,967.9225**	**0.0706**	**0.1154**	**3,004.0839**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5038	2.5728	17.6150	0.0270		0.0788	0.0788		0.0788	0.0788	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.5038**	**2.5728**	**17.6150**	**0.0270**		**0.0788**	**0.0788**		**0.0788**	**0.0788**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.8 Twnhouse & Apartment Framing/Rough-In - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0203	0.7958	0.2907	3.5300e-003	0.1281	3.9100e-003	0.1320	0.0369	3.7400e-003	0.0406		380.9321	380.9321	0.0136	0.0549	397.6438
Worker	0.8533	0.5374	8.0941	0.0256	3.3533	0.0174	3.3707	0.8893	0.0160	0.9054		2,586.9904	2,586.9904	0.0570	0.0605	2,606.4402
Total	**0.8735**	**1.3332**	**8.3848**	**0.0291**	**3.4814**	**0.0213**	**3.5027**	**0.9262**	**0.0198**	**0.9460**		**2,967.9225**	**2,967.9225**	**0.0706**	**0.1154**	**3,004.0839**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

ATTACHMENT D

Dispersion Model Output File

```
**BEE-Line Software:  (Version 12.09) data input file
**  Model: AERMOD.EXE     Input File Creation Date: 7/5/2023  Time: 7:32:43 PM
NO ECHO


  *** 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    1155       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1155       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

 *** AERMOD - VERSION 22112  ***   *** Normandie Crossing Specific Plan Project                              ***        07/05/23
 *** AERMET - VERSION  16216 ***   *** Diesel Particulate (DPM) / Construction                              ***        19:32:45
                                                                                                                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   305 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9818605.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: OTHER

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:    305 Source(s);       1 Source Group(s); and     207 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    305 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 a total of     0 line(s)
                 and:      0 SWPOINT source(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216
```

**Output Options Selected:
Model Outputs Tables of 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) = 19.00 ; 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 = 3.7 MB of RAM.

**Input Runstream File: E:\WD Passport\normandie_gardena\model\SETUP4_2012-2016_OTHER.DTA
**Output Print File: E:\WD Passport\normandie_gardena\model\SETUP4_2012-2016_OTHER.LST

**File for Summary of Results: E:\WD Passport\normandie_gardena\model\SETUP4_2012-2016_OTHER.SUM

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	EMISSION RATE SCALAR VARY BY
C_1	0	0.34672E-05	379715.5	3749235.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_2	0	0.34672E-05	379723.5	3749235.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_3	0	0.34672E-05	379731.5	3749235.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_4	0	0.34672E-05	379739.5	3749235.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_5	0	0.34672E-05	379747.5	3749235.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_6	0	0.34672E-05	379755.5	3749235.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_7	0	0.34672E-05	379763.5	3749235.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_8	0	0.34672E-05	379771.5	3749235.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_9	0	0.34672E-05	379779.5	3749235.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_10	0	0.34672E-05	379787.5	3749235.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_11	0	0.34672E-05	379715.5	3749243.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_12	0	0.34672E-05	379723.5	3749243.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_13	0	0.34672E-05	379731.5	3749243.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_14	0	0.34672E-05	379739.5	3749243.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_15	0	0.34672E-05	379747.5	3749243.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_16	0	0.34672E-05	379755.5	3749243.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_17	0	0.34672E-05	379763.5	3749243.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_18	0	0.34672E-05	379771.5	3749243.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_19	0	0.34672E-05	379779.5	3749243.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_20	0	0.34672E-05	379787.5	3749243.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_21	0	0.34672E-05	379683.5	3749251.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_22	0	0.34672E-05	379691.5	3749251.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_23	0	0.34672E-05	379699.5	3749251.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_24	0	0.34672E-05	379707.5	3749251.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_25	0	0.34672E-05	379715.5	3749251.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_26	0	0.34672E-05	379723.5	3749251.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_27	0	0.34672E-05	379731.5	3749251.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_28	0	0.34672E-05	379739.5	3749251.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_29	0	0.34672E-05	379747.5	3749251.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_30	0	0.34672E-05	379755.5	3749251.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_31	0	0.34672E-05	379763.5	3749251.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_32	0	0.34672E-05	379771.5	3749251.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_33	0	0.34672E-05	379779.5	3749251.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_34	0	0.34672E-05	379787.5	3749251.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_35	0	0.34672E-05	379683.5	3749259.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_36	0	0.34672E-05	379691.5	3749259.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_37	0	0.34672E-05	379699.5	3749259.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_38	0	0.34672E-05	379707.5	3749259.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_39	0	0.34672E-05	379715.5	3749259.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_40	0	0.34672E-05	379723.5	3749259.3	8.0	5.00	3.72	1.40	YES	HROFDY

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	EMISSION RATE SCALAR VARY BY
C_41	0	0.34672E-05	379731.5	3749259.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_42	0	0.34672E-05	379739.5	3749259.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_43	0	0.34672E-05	379747.5	3749259.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_44	0	0.34672E-05	379755.5	3749259.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_45	0	0.34672E-05	379763.5	3749259.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_46	0	0.34672E-05	379771.5	3749259.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_47	0	0.34672E-05	379779.5	3749259.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_48	0	0.34672E-05	379787.5	3749259.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_49	0	0.34672E-05	379683.5	3749267.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_50	0	0.34672E-05	379691.5	3749267.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_51	0	0.34672E-05	379699.5	3749267.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_52	0	0.34672E-05	379707.5	3749267.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_53	0	0.34672E-05	379715.5	3749267.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_54	0	0.34672E-05	379723.5	3749267.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_55	0	0.34672E-05	379731.5	3749267.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_56	0	0.34672E-05	379739.5	3749267.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_57	0	0.34672E-05	379747.5	3749267.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_58	0	0.34672E-05	379755.5	3749267.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_59	0	0.34672E-05	379763.5	3749267.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_60	0	0.34672E-05	379771.5	3749267.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_61	0	0.34672E-05	379779.5	3749267.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_62	0	0.34672E-05	379683.5	3749275.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_63	0	0.34672E-05	379691.5	3749275.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_64	0	0.34672E-05	379699.5	3749275.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_65	0	0.34672E-05	379707.5	3749275.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_66	0	0.34672E-05	379715.5	3749275.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_67	0	0.34672E-05	379723.5	3749275.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_68	0	0.34672E-05	379731.5	3749275.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_69	0	0.34672E-05	379739.5	3749275.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_70	0	0.34672E-05	379747.5	3749275.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_71	0	0.34672E-05	379755.5	3749275.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_72	0	0.34672E-05	379763.5	3749275.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_73	0	0.34672E-05	379771.5	3749275.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_74	0	0.34672E-05	379779.5	3749275.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_75	0	0.34672E-05	379683.5	3749283.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_76	0	0.34672E-05	379691.5	3749283.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_77	0	0.34672E-05	379699.5	3749283.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_78	0	0.34672E-05	379707.5	3749283.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_79	0	0.34672E-05	379715.5	3749283.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_80	0	0.34672E-05	379723.5	3749283.3	8.0	5.00	3.72	1.40	YES	HROFDY

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	EMISSION RATE SCALAR VARY BY
C_81	0	0.34672E-05	379731.5	3749283.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_82	0	0.34672E-05	379739.5	3749283.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_83	0	0.34672E-05	379747.5	3749283.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_84	0	0.34672E-05	379755.5	3749283.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_85	0	0.34672E-05	379763.5	3749283.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_86	0	0.34672E-05	379771.5	3749283.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_87	0	0.34672E-05	379779.5	3749283.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_88	0	0.34672E-05	379683.5	3749291.3	8.0	5.00	3.72	1.40	YES	HROFDY

C_89	0	0.34672E-05	379691.5	3749291.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_90	0	0.34672E-05	379699.5	3749291.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_91	0	0.34672E-05	379707.5	3749291.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_92	0	0.34672E-05	379715.5	3749291.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_93	0	0.34672E-05	379723.5	3749291.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_94	0	0.34672E-05	379731.5	3749291.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_95	0	0.34672E-05	379739.5	3749291.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_96	0	0.34672E-05	379747.5	3749291.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_97	0	0.34672E-05	379755.5	3749291.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_98	0	0.34672E-05	379763.5	3749291.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_99	0	0.34672E-05	379771.5	3749291.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_100	0	0.34672E-05	379779.5	3749291.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_101	0	0.34672E-05	379683.5	3749299.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_102	0	0.34672E-05	379691.5	3749299.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_103	0	0.34672E-05	379699.5	3749299.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_104	0	0.34672E-05	379707.5	3749299.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_105	0	0.34672E-05	379715.5	3749299.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_106	0	0.34672E-05	379723.5	3749299.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_107	0	0.34672E-05	379731.5	3749299.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_108	0	0.34672E-05	379739.5	3749299.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_109	0	0.34672E-05	379747.5	3749299.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_110	0	0.34672E-05	379755.5	3749299.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_111	0	0.34672E-05	379763.5	3749299.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_112	0	0.34672E-05	379771.5	3749299.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_113	0	0.34672E-05	379779.5	3749299.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_114	0	0.34672E-05	379683.5	3749307.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_115	0	0.34672E-05	379691.5	3749307.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_116	0	0.34672E-05	379699.5	3749307.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_117	0	0.34672E-05	379707.5	3749307.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_118	0	0.34672E-05	379715.5	3749307.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_119	0	0.34672E-05	379723.5	3749307.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_120	0	0.34672E-05	379731.5	3749307.3	8.0	5.00	3.72	1.40	YES	HROFDY

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	EMISSION RATE SCALAR VARY BY
C_121	0	0.34672E-05	379739.5	3749307.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_122	0	0.34672E-05	379747.5	3749307.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_123	0	0.34672E-05	379755.5	3749307.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_124	0	0.34672E-05	379763.5	3749307.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_125	0	0.34672E-05	379771.5	3749307.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_126	0	0.34672E-05	379779.5	3749307.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_127	0	0.34672E-05	379683.5	3749315.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_128	0	0.34672E-05	379691.5	3749315.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_129	0	0.34672E-05	379699.5	3749315.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_130	0	0.34672E-05	379707.5	3749315.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_131	0	0.34672E-05	379715.5	3749315.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_132	0	0.34672E-05	379723.5	3749315.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_133	0	0.34672E-05	379731.5	3749315.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_134	0	0.34672E-05	379739.5	3749315.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_135	0	0.34672E-05	379747.5	3749315.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_136	0	0.34672E-05	379755.5	3749315.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_137	0	0.34672E-05	379763.5	3749315.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_138	0	0.34672E-05	379771.5	3749315.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_139	0	0.34672E-05	379779.5	3749315.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_140	0	0.34672E-05	379683.5	3749323.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_141	0	0.34672E-05	379691.5	3749323.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_142	0	0.34672E-05	379699.5	3749323.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_143	0	0.34672E-05	379707.5	3749323.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_144	0	0.34672E-05	379715.5	3749323.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_145	0	0.34672E-05	379723.5	3749323.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_146	0	0.34672E-05	379731.5	3749323.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_147	0	0.34672E-05	379739.5	3749323.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_148	0	0.34672E-05	379747.5	3749323.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_149	0	0.34672E-05	379755.5	3749323.3	8.0	5.00	3.72	1.40	YES	HROFDY

C_150	0	0.34672E-05	379763.5	3749323.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_151	0	0.34672E-05	379771.5	3749323.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_152	0	0.34672E-05	379779.5	3749323.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_153	0	0.34672E-05	379683.5	3749331.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_154	0	0.34672E-05	379691.5	3749331.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_155	0	0.34672E-05	379699.5	3749331.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_156	0	0.34672E-05	379707.5	3749331.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_157	0	0.34672E-05	379715.5	3749331.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_158	0	0.34672E-05	379723.5	3749331.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_159	0	0.34672E-05	379731.5	3749331.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_160	0	0.34672E-05	379739.5	3749331.3	8.0	5.00	3.72	1.40	YES	HROFDY

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	EMISSION RATE SCALAR VARY BY
C_161	0	0.34672E-05	379747.5	3749331.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_162	0	0.34672E-05	379755.5	3749331.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_163	0	0.34672E-05	379763.5	3749331.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_164	0	0.34672E-05	379771.5	3749331.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_165	0	0.34672E-05	379779.5	3749331.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_166	0	0.34672E-05	379683.5	3749339.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_167	0	0.34672E-05	379691.5	3749339.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_168	0	0.34672E-05	379699.5	3749339.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_169	0	0.34672E-05	379707.5	3749339.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_170	0	0.34672E-05	379715.5	3749339.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_171	0	0.34672E-05	379723.5	3749339.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_172	0	0.34672E-05	379731.5	3749339.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_173	0	0.34672E-05	379739.5	3749339.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_174	0	0.34672E-05	379747.5	3749339.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_175	0	0.34672E-05	379755.5	3749339.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_176	0	0.34672E-05	379763.5	3749339.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_177	0	0.34672E-05	379771.5	3749339.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_178	0	0.34672E-05	379779.5	3749339.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_179	0	0.34672E-05	379683.5	3749347.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_180	0	0.34672E-05	379691.5	3749347.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_181	0	0.34672E-05	379699.5	3749347.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_182	0	0.34672E-05	379707.5	3749347.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_183	0	0.34672E-05	379715.5	3749347.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_184	0	0.34672E-05	379723.5	3749347.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_185	0	0.34672E-05	379731.5	3749347.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_186	0	0.34672E-05	379739.5	3749347.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_187	0	0.34672E-05	379747.5	3749347.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_188	0	0.34672E-05	379755.5	3749347.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_189	0	0.34672E-05	379763.5	3749347.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_190	0	0.34672E-05	379771.5	3749347.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_191	0	0.34672E-05	379779.5	3749347.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_192	0	0.34672E-05	379683.5	3749355.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_193	0	0.34672E-05	379691.5	3749355.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_194	0	0.34672E-05	379699.5	3749355.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_195	0	0.34672E-05	379707.5	3749355.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_196	0	0.34672E-05	379715.5	3749355.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_197	0	0.34672E-05	379723.5	3749355.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_198	0	0.34672E-05	379731.5	3749355.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_199	0	0.34672E-05	379739.5	3749355.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_200	0	0.34672E-05	379747.5	3749355.3	8.0	5.00	3.72	1.40	YES	HROFDY

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

*** VOLUME SOURCE DATA ***

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

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE	SCALAR VARY BY
C_201	0	0.34672E-05	379755.5	3749355.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_202	0	0.34672E-05	379763.5	3749355.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_203	0	0.34672E-05	379771.5	3749355.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_204	0	0.34672E-05	379779.5	3749355.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_205	0	0.34672E-05	379683.5	3749363.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_206	0	0.34672E-05	379691.5	3749363.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_207	0	0.34672E-05	379699.5	3749363.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_208	0	0.34672E-05	379707.5	3749363.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_209	0	0.34672E-05	379715.5	3749363.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_210	0	0.34672E-05	379723.5	3749363.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_211	0	0.34672E-05	379731.5	3749363.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_212	0	0.34672E-05	379739.5	3749363.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_213	0	0.34672E-05	379747.5	3749363.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_214	0	0.34672E-05	379755.5	3749363.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_215	0	0.34672E-05	379763.5	3749363.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_216	0	0.34672E-05	379771.5	3749363.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_217	0	0.34672E-05	379779.5	3749363.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_218	0	0.34672E-05	379683.5	3749371.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_219	0	0.34672E-05	379691.5	3749371.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_220	0	0.34672E-05	379699.5	3749371.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_221	0	0.34672E-05	379707.5	3749371.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_222	0	0.34672E-05	379715.5	3749371.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_223	0	0.34672E-05	379723.5	3749371.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_224	0	0.34672E-05	379731.5	3749371.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_225	0	0.34672E-05	379739.5	3749371.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_226	0	0.34672E-05	379747.5	3749371.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_227	0	0.34672E-05	379755.5	3749371.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_228	0	0.34672E-05	379763.5	3749371.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_229	0	0.34672E-05	379771.5	3749371.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_230	0	0.34672E-05	379779.5	3749371.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_231	0	0.34672E-05	379683.5	3749379.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_232	0	0.34672E-05	379691.5	3749379.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_233	0	0.34672E-05	379699.5	3749379.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_234	0	0.34672E-05	379707.5	3749379.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_235	0	0.34672E-05	379715.5	3749379.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_236	0	0.34672E-05	379723.5	3749379.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_237	0	0.34672E-05	379731.5	3749379.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_238	0	0.34672E-05	379739.5	3749379.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_239	0	0.34672E-05	379747.5	3749379.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_240	0	0.34672E-05	379755.5	3749379.3	8.0	5.00	3.72	1.40	YES	HROFDY

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	EMISSION RATE SCALAR VARY BY
C_241	0	0.34672E-05	379763.5	3749379.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_242	0	0.34672E-05	379771.5	3749379.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_243	0	0.34672E-05	379779.5	3749379.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_244	0	0.34672E-05	379683.5	3749387.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_245	0	0.34672E-05	379691.5	3749387.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_246	0	0.34672E-05	379699.5	3749387.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_247	0	0.34672E-05	379707.5	3749387.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_248	0	0.34672E-05	379715.5	3749387.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_249	0	0.34672E-05	379723.5	3749387.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_250	0	0.34672E-05	379731.5	3749387.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_251	0	0.34672E-05	379739.5	3749387.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_252	0	0.34672E-05	379747.5	3749387.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_253	0	0.34672E-05	379755.5	3749387.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_254	0	0.34672E-05	379763.5	3749387.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_255	0	0.34672E-05	379771.5	3749387.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_256	0	0.34672E-05	379779.5	3749387.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_257	0	0.34672E-05	379683.5	3749395.3	8.0	5.00	3.72	1.40	YES	HROFDY

C_258	0	0.34672E-05	379691.5	3749395.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_259	0	0.34672E-05	379699.5	3749395.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_260	0	0.34672E-05	379707.5	3749395.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_261	0	0.34672E-05	379715.5	3749395.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_262	0	0.34672E-05	379723.5	3749395.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_263	0	0.34672E-05	379731.5	3749395.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_264	0	0.34672E-05	379739.5	3749395.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_265	0	0.34672E-05	379747.5	3749395.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_266	0	0.34672E-05	379755.5	3749395.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_267	0	0.34672E-05	379763.5	3749395.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_268	0	0.34672E-05	379771.5	3749395.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_269	0	0.34672E-05	379779.5	3749395.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_270	0	0.34672E-05	379683.5	3749403.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_271	0	0.34672E-05	379691.5	3749403.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_272	0	0.34672E-05	379699.5	3749403.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_273	0	0.34672E-05	379707.5	3749403.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_274	0	0.34672E-05	379715.5	3749403.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_275	0	0.34672E-05	379723.5	3749403.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_276	0	0.34672E-05	379731.5	3749403.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_277	0	0.34672E-05	379739.5	3749403.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_278	0	0.34672E-05	379747.5	3749403.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_279	0	0.34672E-05	379755.5	3749403.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_280	0	0.34672E-05	379763.5	3749403.3	8.0	5.00	3.72	1.40	YES	HROFDY

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	EMISSION RATE SCALAR VARY BY
C_281	0	0.34672E-05	379771.5	3749403.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_282	0	0.34672E-05	379683.5	3749411.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_283	0	0.34672E-05	379691.5	3749411.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_284	0	0.34672E-05	379699.5	3749411.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_285	0	0.34672E-05	379707.5	3749411.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_286	0	0.34672E-05	379715.5	3749411.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_287	0	0.34672E-05	379723.5	3749411.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_288	0	0.34672E-05	379731.5	3749411.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_289	0	0.34672E-05	379739.5	3749411.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_290	0	0.34672E-05	379747.5	3749411.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_291	0	0.34672E-05	379755.5	3749411.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_292	0	0.34672E-05	379763.5	3749411.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_293	0	0.34672E-05	379771.5	3749411.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_294	0	0.34672E-05	379683.5	3749419.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_295	0	0.34672E-05	379691.5	3749419.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_296	0	0.34672E-05	379699.5	3749419.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_297	0	0.34672E-05	379707.5	3749419.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_298	0	0.34672E-05	379715.5	3749419.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_299	0	0.34672E-05	379723.5	3749419.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_300	0	0.34672E-05	379731.5	3749419.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_301	0	0.34672E-05	379739.5	3749419.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_302	0	0.34672E-05	379747.5	3749419.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_303	0	0.34672E-05	379755.5	3749419.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_304	0	0.34672E-05	379763.5	3749419.3	8.0	5.00	3.72	1.40	YES	HROFDY
C_305	0	0.34672E-05	379771.5	3749419.3	8.0	5.00	3.72	1.40	YES	HROFDY

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

```
 ALL        C_1        , C_2        , C_3        , C_4        , C_5        , C_6        , C_7        , C_8        ,
            C_9        , C_10       , C_11       , C_12       , C_13       , C_14       , C_15       , C_16       ,
            C_17       , C_18       , C_19       , C_20       , C_21       , C_22       , C_23       , C_24       ,
            C_25       , C_26       , C_27       , C_28       , C_29       , C_30       , C_31       , C_32       ,
            C_33       , C_34       , C_35       , C_36       , C_37       , C_38       , C_39       , C_40       ,
            C_41       , C_42       , C_43       , C_44       , C_45       , C_46       , C_47       , C_48       ,
            C_49       , C_50       , C_51       , C_52       , C_53       , C_54       , C_55       , C_56       ,
            C_57       , C_58       , C_59       , C_60       , C_61       , C_62       , C_63       , C_64       ,
            C_65       , C_66       , C_67       , C_68       , C_69       , C_70       , C_71       , C_72       ,
            C_73       , C_74       , C_75       , C_76       , C_77       , C_78       , C_79       , C_80       ,
            C_81       , C_82       , C_83       , C_84       , C_85       , C_86       , C_87       , C_88       ,
            C_89       , C_90       , C_91       , C_92       , C_93       , C_94       , C_95       , C_96       ,
            C_97       , C_98       , C_99       , C_100      , C_101      , C_102      , C_103      , C_104      ,
            C_105      , C_106      , C_107      , C_108      , C_109      , C_110      , C_111      , C_112      ,
            C_113      , C_114      , C_115      , C_116      , C_117      , C_118      , C_119      , C_120      ,
            C_121      , C_122      , C_123      , C_124      , C_125      , C_126      , C_127      , C_128      ,
            C_129      , C_130      , C_131      , C_132      , C_133      , C_134      , C_135      , C_136      ,
            C_137      , C_138      , C_139      , C_140      , C_141      , C_142      , C_143      , C_144      ,
            C_145      , C_146      , C_147      , C_148      , C_149      , C_150      , C_151      , C_152      ,
            C_153      , C_154      , C_155      , C_156      , C_157      , C_158      , C_159      , C_160      ,

*** AERMOD - VERSION 22112  ***   *** Normandie Crossing Specific Plan Project                          ***        07/05/23
*** AERMET - VERSION  16216 ***   *** Diesel Particulate (DPM) / Construction                           ***        19:32:45
                                                                                                                PAGE  11

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


                                      *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                    SOURCE IDs
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            C_161      , C_162      , C_163      , C_164      , C_165      , C_166      , C_167      , C_168      ,
            C_169      , C_170      , C_171      , C_172      , C_173      , C_174      , C_175      , C_176      ,
            C_177      , C_178      , C_179      , C_180      , C_181      , C_182      , C_183      , C_184      ,
            C_185      , C_186      , C_187      , C_188      , C_189      , C_190      , C_191      , C_192      ,
            C_193      , C_194      , C_195      , C_196      , C_197      , C_198      , C_199      , C_200      ,
            C_201      , C_202      , C_203      , C_204      , C_205      , C_206      , C_207      , C_208      ,
            C_209      , C_210      , C_211      , C_212      , C_213      , C_214      , C_215      , C_216      ,
            C_217      , C_218      , C_219      , C_220      , C_221      , C_222      , C_223      , C_224      ,
            C_225      , C_226      , C_227      , C_228      , C_229      , C_230      , C_231      , C_232      ,
            C_233      , C_234      , C_235      , C_236      , C_237      , C_238      , C_239      , C_240      ,
            C_241      , C_242      , C_243      , C_244      , C_245      , C_246      , C_247      , C_248      ,
            C_249      , C_250      , C_251      , C_252      , C_253      , C_254      , C_255      , C_256      ,
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C_257 , C_258 , C_259 , C_260 , C_261 , C_262 , C_263 , C_264 ,

C_265 , C_266 , C_267 , C_268 , C_269 , C_270 , C_271 , C_272 ,

C_273 , C_274 , C_275 , C_276 , C_277 , C_278 , C_279 , C_280 ,

C_281 , C_282 , C_283 , C_284 , C_285 , C_286 , C_287 , C_288 ,

C_289 , C_290 , C_291 , C_292 , C_293 , C_294 , C_295 , C_296 ,

C_297 , C_298 , C_299 , C_300 , C_301 , C_302 , C_303 , C_304 ,

C_305 ,

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

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

URBAN ID	URBAN POP	SOURCE IDs

9818605. C_1 , C_2 , C_3 , C_4 , C_5 , C_6 , C_7 , C_8 ,

C_9 , C_10 , C_11 , C_12 , C_13 , C_14 , C_15 , C_16 ,

C_17 , C_18 , C_19 , C_20 , C_21 , C_22 , C_23 , C_24 ,

C_25 , C_26 , C_27 , C_28 , C_29 , C_30 , C_31 , C_32 ,

C_33 , C_34 , C_35 , C_36 , C_37 , C_38 , C_39 , C_40 ,

C_41 , C_42 , C_43 , C_44 , C_45 , C_46 , C_47 , C_48 ,

C_49 , C_50 , C_51 , C_52 , C_53 , C_54 , C_55 , C_56 ,

C_57 , C_58 , C_59 , C_60 , C_61 , C_62 , C_63 , C_64 ,

C_65 , C_66 , C_67 , C_68 , C_69 , C_70 , C_71 , C_72 ,

C_73 , C_74 , C_75 , C_76 , C_77 , C_78 , C_79 , C_80 ,

C_81 , C_82 , C_83 , C_84 , C_85 , C_86 , C_87 , C_88 ,

C_89 , C_90 , C_91 , C_92 , C_93 , C_94 , C_95 , C_96 ,

C_97 , C_98 , C_99 , C_100 , C_101 , C_102 , C_103 , C_104 ,

C_105 , C_106 , C_107 , C_108 , C_109 , C_110 , C_111 , C_112 ,

C_113 , C_114 , C_115 , C_116 , C_117 , C_118 , C_119 , C_120 ,

C_121 , C_122 , C_123 , C_124 , C_125 , C_126 , C_127 , C_128 ,

C_129 , C_130 , C_131 , C_132 , C_133 , C_134 , C_135 , C_136 ,

C_137 , C_138 , C_139 , C_140 , C_141 , C_142 , C_143 , C_144 ,

C_145 , C_146 , C_147 , C_148 , C_149 , C_150 , C_151 , C_152 ,

C_153 , C_154 , C_155 , C_156 , C_157 , C_158 , C_159 , C_160 ,

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

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

URBAN ID	URBAN POP	SOURCE IDs

C_161 , C_162 , C_163 , C_164 , C_165 , C_166 , C_167 , C_168 ,
C_169 , C_170 , C_171 , C_172 , C_173 , C_174 , C_175 , C_176 ,
C_177 , C_178 , C_179 , C_180 , C_181 , C_182 , C_183 , C_184 ,
C_185 , C_186 , C_187 , C_188 , C_189 , C_190 , C_191 , C_192 ,
C_193 , C_194 , C_195 , C_196 , C_197 , C_198 , C_199 , C_200 ,
C_201 , C_202 , C_203 , C_204 , C_205 , C_206 , C_207 , C_208 ,
C_209 , C_210 , C_211 , C_212 , C_213 , C_214 , C_215 , C_216 ,
C_217 , C_218 , C_219 , C_220 , C_221 , C_222 , C_223 , C_224 ,
C_225 , C_226 , C_227 , C_228 , C_229 , C_230 , C_231 , C_232 ,
C_233 , C_234 , C_235 , C_236 , C_237 , C_238 , C_239 , C_240 ,
C_241 , C_242 , C_243 , C_244 , C_245 , C_246 , C_247 , C_248 ,
C_249 , C_250 , C_251 , C_252 , C_253 , C_254 , C_255 , C_256 ,
C_257 , C_258 , C_259 , C_260 , C_261 , C_262 , C_263 , C_264 ,
C_265 , C_266 , C_267 , C_268 , C_269 , C_270 , C_271 , C_272 ,
C_273 , C_274 , C_275 , C_276 , C_277 , C_278 , C_279 , C_280 ,
C_281 , C_282 , C_283 , C_284 , C_285 , C_286 , C_287 , C_288 ,
C_289 , C_290 , C_291 , C_292 , C_293 , C_294 , C_295 , C_296 ,
C_297 , C_298 , C_299 , C_300 , C_301 , C_302 , C_303 , C_304 ,
C_305 ,

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_1 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_2 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_3 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_4 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_5 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_6 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_7 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_8 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_9 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_10 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_11 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_12 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_13 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_14 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_15 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_16 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_17 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_18 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_19 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_20 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_21 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_22 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_23 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_24 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_25 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_26 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_27 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_28 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_29 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_30 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_31 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_32 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_33 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_34 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_35 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_36 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_37 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_38 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_39 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_40 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_41 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_42 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_43 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_44 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_45 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_46 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_47 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_48 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_49 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_50 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_51 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_52 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_53 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_54 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_55 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_56 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_57 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_58 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_59 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_60 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_61 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_62 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_63 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_64 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_65 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_66 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_67 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_68 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_69 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_70 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_71 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_72 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_73 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_74 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_75 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_76 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_77 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_78 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_79 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_80 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_81 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_82 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_83 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_84 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_85 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_86 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_87 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_88 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_89 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_90 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_91 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_92 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_93 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_94 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_95 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_96 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_97 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_98 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_99 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_100 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_101 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_102 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_103 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_104 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_105 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_106 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_107 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_108 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_109 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_110 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_111 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_112 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_113 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_114 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_115 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_116 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_117 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_118 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_119 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_120 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_121 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_122 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_123 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_124 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_125 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_126 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_127 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_128 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_129 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_130 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_131 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_132 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_133 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_134 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_135 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_136 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_137 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_138 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_139 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_140 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_141 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_142 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_143 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_144 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_145 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_146 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_147 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_148 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_149 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_150 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_151 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_152 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_153 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_154 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_155 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_156 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_157 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_158 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_159 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_160 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_161 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_162 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_163 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_164 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_165 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_166 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_167 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_168 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_169 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_170 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_171 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_172 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_173 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_174 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_175 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_176 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_177 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_178 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_179 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_180 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_181 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_182 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_183 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_184 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_185 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_186 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_187 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_188 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_189 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_190 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_191 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_192 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_193 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_194 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_195 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_196 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_197 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_198 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_199 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_200 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_201 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_202 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_203 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_204 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_205 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_206 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_207 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_208 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_209 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_210 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_211 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_212 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_213 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_214 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_215 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_216 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_217 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_218 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_219 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_220 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_221 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_222 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_223 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_224 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_225 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_226 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_227 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_228 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00

19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_229 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_230 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_231 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_232 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_233 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_234 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_235 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_236 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_237 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_238 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_239 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_240 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_241 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_242 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_243 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_244 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_245 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_246 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_247 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_248 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_249 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_250 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_251 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_252 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_253 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_254 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_255 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_256 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_257 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_258 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_259 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_260 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_261 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_262 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_263 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_264 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_265 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_266 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_267 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_268 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_269 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_270 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_271 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_272 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_273 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_274 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_275 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_276 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_277 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_278 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_279 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_280 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_281 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_282 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_283 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_284 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_285 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_286 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_287 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_288 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_289 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_290 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_291 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_292 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_293 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_294 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_295 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_296 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_297 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_298 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_299 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_300 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = C_301 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_302 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_303 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_304 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = C_305 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

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

(379638.5,	3749192.0,	8.0,	8.0,	2.0);	(379650.5,	3749192.0,	8.0,	8.0,	2.0);
(379662.5,	3749192.0,	8.0,	8.0,	2.0);	(379674.5,	3749192.0,	8.0,	8.0,	2.0);
(379686.5,	3749192.0,	8.0,	8.0,	2.0);	(379698.5,	3749192.0,	8.0,	8.0,	2.0);
(379710.5,	3749192.0,	8.0,	8.0,	2.0);	(379722.5,	3749192.0,	8.0,	8.0,	2.0);
(379734.5,	3749192.0,	8.0,	8.0,	2.0);	(379745.0,	3749192.0,	8.0,	8.0,	2.0);
(379770.5,	3749192.0,	8.0,	8.0,	2.0);	(379782.5,	3749192.0,	8.0,	8.0,	2.0);
(379794.5,	3749192.0,	8.0,	8.0,	2.0);	(379854.5,	3749192.0,	8.0,	8.0,	2.0);
(379866.5,	3749192.0,	8.0,	8.0,	2.0);	(379878.5,	3749192.0,	8.0,	8.0,	2.0);
(379638.5,	3749204.0,	8.0,	8.0,	2.0);	(379650.5,	3749204.0,	8.0,	8.0,	2.0);
(379662.5,	3749204.0,	8.0,	8.0,	2.0);	(379674.5,	3749204.0,	8.0,	8.0,	2.0);
(379686.5,	3749204.0,	8.0,	8.0,	2.0);	(379698.5,	3749204.0,	8.0,	8.0,	2.0);
(379710.5,	3749204.0,	8.0,	8.0,	2.0);	(379722.5,	3749204.0,	8.0,	8.0,	2.0);
(379734.5,	3749204.0,	8.0,	8.0,	2.0);	(379760.5,	3749204.0,	8.0,	8.0,	2.0);
(379770.5,	3749204.0,	8.0,	8.0,	2.0);	(379782.5,	3749204.0,	8.0,	8.0,	2.0);
(379794.5,	3749204.0,	8.0,	8.0,	2.0);	(379854.5,	3749204.0,	8.0,	8.0,	2.0);
(379866.5,	3749204.0,	8.0,	8.0,	2.0);	(379878.5,	3749204.0,	8.0,	8.0,	2.0);
(379638.5,	3749240.0,	8.0,	8.0,	2.0);	(379650.5,	3749240.0,	8.0,	8.0,	2.0);
(379662.5,	3749240.0,	8.0,	8.0,	2.0);	(379842.5,	3749240.0,	8.0,	8.0,	2.0);
(379854.5,	3749240.0,	8.0,	8.0,	2.0);	(379866.5,	3749240.0,	8.0,	8.0,	2.0);
(379638.5,	3749252.0,	8.0,	8.0,	2.0);	(379650.5,	3749252.0,	8.0,	8.0,	2.0);
(379662.5,	3749252.0,	8.0,	8.0,	2.0);	(379842.5,	3749252.0,	8.0,	8.0,	2.0);
(379854.5,	3749252.0,	8.0,	8.0,	2.0);	(379866.5,	3749252.0,	8.0,	8.0,	2.0);
(379638.5,	3749264.0,	8.0,	8.0,	2.0);	(379650.5,	3749264.0,	8.0,	8.0,	2.0);
(379662.5,	3749264.0,	8.0,	8.0,	2.0);	(379831.5,	3749264.0,	8.0,	8.0,	2.0);
(379842.5,	3749264.0,	8.0,	8.0,	2.0);	(379854.5,	3749264.0,	8.0,	8.0,	2.0);
(379866.5,	3749264.0,	8.0,	8.0,	2.0);	(379638.5,	3749276.0,	8.0,	8.0,	2.0);
(379650.5,	3749276.0,	8.0,	8.0,	2.0);	(379662.5,	3749276.0,	8.0,	8.0,	2.0);
(379830.5,	3749276.0,	8.0,	8.0,	2.0);	(379842.5,	3749276.0,	8.0,	8.0,	2.0);
(379854.5,	3749276.0,	8.0,	8.0,	2.0);	(379866.5,	3749276.0,	8.0,	8.0,	2.0);
(379638.5,	3749288.0,	8.0,	8.0,	2.0);	(379650.5,	3749288.0,	8.0,	8.0,	2.0);
(379662.5,	3749288.0,	8.0,	8.0,	2.0);	(379830.5,	3749288.0,	8.0,	8.0,	2.0);
(379842.5,	3749288.0,	8.0,	8.0,	2.0);	(379854.5,	3749288.0,	8.0,	8.0,	2.0);
(379866.5,	3749288.0,	8.0,	8.0,	2.0);	(379638.5,	3749300.0,	8.0,	8.0,	2.0);
(379650.5,	3749300.0,	8.0,	8.0,	2.0);	(379662.5,	3749300.0,	8.0,	8.0,	2.0);
(379830.5,	3749300.0,	8.0,	8.0,	2.0);	(379842.5,	3749300.0,	8.0,	8.0,	2.0);
(379854.5,	3749300.0,	8.0,	8.0,	2.0);	(379866.5,	3749300.0,	8.0,	8.0,	2.0);
(379638.5,	3749312.0,	8.0,	8.0,	2.0);	(379650.5,	3749312.0,	8.0,	8.0,	2.0);
(379662.5,	3749312.0,	8.0,	8.0,	2.0);	(379821.0,	3749312.0,	8.0,	8.0,	2.0);
(379830.5,	3749312.0,	8.0,	8.0,	2.0);	(379842.5,	3749312.0,	8.0,	8.0,	2.0);
(379854.5,	3749312.0,	8.0,	8.0,	2.0);	(379866.5,	3749312.0,	8.0,	8.0,	2.0);
(379638.5,	3749324.0,	8.0,	8.0,	2.0);	(379650.5,	3749324.0,	8.0,	8.0,	2.0);
(379662.5,	3749324.0,	8.0,	8.0,	2.0);	(379818.5,	3749324.0,	8.0,	8.0,	2.0);
(379830.5,	3749324.0,	8.0,	8.0,	2.0);	(379842.5,	3749324.0,	8.0,	8.0,	2.0);
(379854.5,	3749324.0,	8.0,	8.0,	2.0);	(379866.5,	3749324.0,	8.0,	8.0,	2.0);
(379638.5,	3749336.0,	8.0,	8.0,	2.0);	(379650.5,	3749336.0,	8.0,	8.0,	2.0);

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

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

(379662.5,	3749336.0,	8.0,	8.0,	2.0);	(379818.5,	3749336.0,	8.0,	8.0,	2.0);
(379830.5,	3749336.0,	8.0,	8.0,	2.0);	(379842.5,	3749336.0,	8.0,	8.0,	2.0);
(379854.5,	3749336.0,	8.0,	8.0,	2.0);	(379866.5,	3749336.0,	8.0,	8.0,	2.0);
(379638.5,	3749348.0,	8.0,	8.0,	2.0);	(379650.5,	3749348.0,	8.0,	8.0,	2.0);
(379662.5,	3749348.0,	8.0,	8.0,	2.0);	(379818.5,	3749348.0,	8.0,	8.0,	2.0);
(379830.5,	3749348.0,	8.0,	8.0,	2.0);	(379842.5,	3749348.0,	8.0,	8.0,	2.0);
(379854.5,	3749348.0,	8.0,	8.0,	2.0);	(379866.5,	3749348.0,	8.0,	8.0,	2.0);
(379638.5,	3749360.0,	8.0,	8.0,	2.0);	(379650.5,	3749360.0,	8.0,	8.0,	2.0);
(379662.5,	3749360.0,	8.0,	8.0,	2.0);	(379811.0,	3749360.0,	8.0,	8.0,	2.0);
(379818.5,	3749360.0,	8.0,	8.0,	2.0);	(379830.5,	3749360.0,	8.0,	8.0,	2.0);
(379842.5,	3749360.0,	8.0,	8.0,	2.0);	(379854.5,	3749360.0,	8.0,	8.0,	2.0);
(379866.5,	3749360.0,	8.0,	8.0,	2.0);	(379638.5,	3749372.0,	8.0,	8.0,	2.0);
(379650.5,	3749372.0,	8.0,	8.0,	2.0);	(379662.5,	3749372.0,	8.0,	8.0,	2.0);
(379808.0,	3749372.0,	8.0,	8.0,	2.0);	(379818.5,	3749372.0,	8.0,	8.0,	2.0);
(379830.5,	3749372.0,	8.0,	8.0,	2.0);	(379842.5,	3749372.0,	8.0,	8.0,	2.0);
(379638.5,	3749384.0,	8.0,	8.0,	2.0);	(379650.5,	3749384.0,	8.0,	8.0,	2.0);
(379662.5,	3749384.0,	8.0,	8.0,	2.0);	(379806.5,	3749384.0,	8.0,	8.0,	2.0);
(379818.5,	3749384.0,	8.0,	8.0,	2.0);	(379830.5,	3749384.0,	8.0,	8.0,	2.0);
(379842.5,	3749384.0,	8.0,	8.0,	2.0);	(379638.5,	3749396.0,	8.0,	8.0,	2.0);
(379650.5,	3749396.0,	8.0,	8.0,	2.0);	(379662.5,	3749396.0,	8.0,	8.0,	2.0);
(379806.5,	3749396.0,	8.0,	8.0,	2.0);	(379818.5,	3749396.0,	8.0,	8.0,	2.0);
(379830.5,	3749396.0,	8.0,	8.0,	2.0);	(379842.5,	3749396.0,	8.0,	8.0,	2.0);
(379638.5,	3749408.0,	8.0,	8.0,	2.0);	(379650.5,	3749408.0,	8.0,	8.0,	2.0);
(379662.5,	3749408.0,	8.0,	8.0,	2.0);	(379807.5,	3749408.0,	8.0,	8.0,	2.0);
(379818.5,	3749408.0,	8.0,	8.0,	2.0);	(379830.5,	3749408.0,	8.0,	8.0,	2.0);
(379842.5,	3749408.0,	8.0,	8.0,	2.0);	(379638.5,	3749420.0,	8.0,	8.0,	2.0);
(379650.5,	3749420.0,	8.0,	8.0,	2.0);	(379662.5,	3749420.0,	8.0,	8.0,	2.0);
(379818.5,	3749420.0,	8.0,	8.0,	2.0);	(379830.5,	3749420.0,	8.0,	8.0,	2.0);
(379842.5,	3749420.0,	8.0,	8.0,	2.0);	(379818.5,	3749432.0,	8.0,	8.0,	2.0);
(379830.5,	3749432.0,	8.0,	8.0,	2.0);	(379842.5,	3749432.0,	8.0,	8.0,	2.0);
(379638.5,	3749444.0,	8.0,	8.0,	2.0);	(379650.5,	3749444.0,	8.0,	8.0,	2.0);
(379662.5,	3749444.0,	8.0,	8.0,	2.0);	(379674.5,	3749444.0,	8.0,	8.0,	2.0);
(379686.5,	3749444.0,	8.0,	8.0,	2.0);	(379818.5,	3749444.0,	8.0,	8.0,	2.0);
(379830.5,	3749444.0,	8.0,	8.0,	2.0);	(379842.5,	3749444.0,	8.0,	8.0,	2.0);
(379638.5,	3749456.0,	8.0,	8.0,	2.0);	(379650.5,	3749456.0,	8.0,	8.0,	2.0);
(379662.5,	3749456.0,	8.0,	8.0,	2.0);	(379674.5,	3749456.0,	8.0,	8.0,	2.0);
(379686.5,	3749456.0,	8.0,	8.0,	2.0);	(379818.5,	3749456.0,	8.0,	8.0,	2.0);
(379830.5,	3749456.0,	8.0,	8.0,	2.0);	(379842.5,	3749456.0,	8.0,	8.0,	2.0);
(379638.5,	3749468.0,	8.0,	8.0,	2.0);	(379650.5,	3749468.0,	8.0,	8.0,	2.0);
(379662.5,	3749468.0,	8.0,	8.0,	2.0);	(379674.5,	3749468.0,	8.0,	8.0,	2.0);
(379686.5,	3749468.0,	8.0,	8.0,	2.0);	(379638.5,	3749480.0,	8.0,	8.0,	2.0);
(379650.5,	3749480.0,	8.0,	8.0,	2.0);	(379662.5,	3749480.0,	8.0,	8.0,	2.0);
(379674.5,	3749480.0,	8.0,	8.0,	2.0);	(379686.5,	3749480.0,	8.0,	8.0,	2.0);
(379638.5,	3749492.0,	8.0,	8.0,	2.0);	(379650.5,	3749492.0,	8.0,	8.0,	2.0);
(379662.5,	3749492.0,	8.0,	8.0,	2.0);	(379674.5,	3749492.0,	8.0,	8.0,	2.0);

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

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

(379686.5,	3749492.0,	8.0,	8.0,	2.0);	(379700.0,	3749238.0,	8.0,	8.0,	2.0);
(379687.3,	3749238.0,	8.0,	8.0,	2.0);	(379709.5,	3749446.5,	8.0,	8.0,	2.0);
(379721.5,	3749446.5,	8.0,	8.0,	2.0);	(379733.5,	3749446.5,	8.0,	8.0,	2.0);
(379745.5,	3749446.5,	8.0,	8.0,	2.0);	(379757.5,	3749446.5,	8.0,	8.0,	2.0);
(379769.5,	3749446.5,	8.0,	8.0,	2.0);	(379709.5,	3749458.5,	8.0,	8.0,	2.0);
(379721.5,	3749458.5,	8.0,	8.0,	2.0);	(379733.5,	3749458.5,	8.0,	8.0,	2.0);
(379745.5,	3749458.5,	8.0,	8.0,	2.0);	(379757.5,	3749458.5,	8.0,	8.0,	2.0);
(379769.5,	3749458.5,	8.0,	8.0,	2.0);	(379709.5,	3749470.5,	8.0,	8.0,	2.0);
(379721.5,	3749470.5,	8.0,	8.0,	2.0);	(379733.5,	3749470.5,	8.0,	8.0,	2.0);
(379745.5,	3749470.5,	8.0,	8.0,	2.0);	(379757.5,	3749470.5,	8.0,	8.0,	2.0);
(379769.5,	3749470.5,	8.0,	8.0,	2.0);	(379709.5,	3749482.5,	8.0,	8.0,	2.0);

(379721.5, 3749482.5, 8.0, 8.0, 2.0); (379733.5, 3749482.5, 8.0, 8.0, 2.0);
(379745.5, 3749482.5, 8.0, 8.0, 2.0); (379757.5, 3749482.5, 8.0, 8.0, 2.0);
(379769.5, 3749482.5, 8.0, 8.0, 2.0);

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

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

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

1.54, 3.09, 5.14, 8.23, 10.80,

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

Surface file: E:\WD Passport\normandie_gardena\metdata\KHHR_v9.SFC Met Version: 16216
Profile file: E:\WD Passport\normandie_gardena\metdata\KHHR_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3167 Upper air station no.: 3190
Name: NRTHORP FLD/HATHRN MUNICIPAL AIRPORT, CA 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	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	1.00	0.00	0.	7.9	283.8	2.0
12	01	01	1	02	-2.1	0.068	-9.000	-9.000	-999.	43.	13.3	0.24	2.79	1.00	0.53	305.	7.9	283.1	2.0
12	01	01	1	03	-9.0	0.127	-9.000	-9.000	-999.	109.	20.8	0.24	2.79	1.00	1.18	323.	7.9	282.5	2.0
12	01	01	1	04	-2.2	0.068	-9.000	-9.000	-999.	43.	13.3	0.24	2.79	1.00	0.53	296.	7.9	282.0	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	1.00	0.00	0.	7.9	281.4	2.0
12	01	01	1	06	-6.0	0.103	-9.000	-9.000	-999.	80.	16.7	0.24	2.79	1.00	0.97	321.	7.9	281.4	2.0
12	01	01	1	07	-4.3	0.088	-9.000	-9.000	-999.	63.	14.4	0.24	2.79	1.00	0.82	313.	7.9	280.4	2.0
12	01	01	1	08	15.7	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	0.55	0.00	0.	7.9	281.4	2.0
12	01	01	1	09	35.7	0.115	0.353	0.013	45.	93.	-3.8	0.24	2.79	0.32	0.63	179.	7.9	285.4	2.0
12	01	01	1	10	109.0	0.141	0.727	0.009	128.	127.	-2.3	0.24	2.79	0.24	0.70	170.	7.9	289.2	2.0
12	01	01	1	11	164.4	0.149	1.186	0.005	370.	138.	-1.8	0.24	2.79	0.21	0.70	222.	7.9	297.0	2.0
12	01	01	1	12	191.7	0.163	1.525	0.005	672.	158.	-2.1	0.24	2.79	0.20	0.79	12.	7.9	299.9	2.0
12	01	01	1	13	191.3	0.170	1.819	0.005	1144.	168.	-2.3	0.24	2.79	0.20	0.84	260.	7.9	300.9	2.0
12	01	01	1	14	161.6	0.344	1.852	0.005	1428.	483.	-22.7	0.24	2.79	0.21	2.49	260.	7.9	298.8	2.0
12	01	01	1	15	105.0	0.367	1.638	0.005	1521.	534.	-42.8	0.24	2.79	0.24	2.84	292.	7.9	293.8	2.0
12	01	01	1	16	29.7	0.383	1.079	0.005	1539.	570.	-172.5	0.24	2.79	0.33	3.22	276.	7.9	290.4	2.0
12	01	01	1	17	-24.8	0.287	-9.000	-9.000	-999.	374.	90.3	0.24	2.79	0.59	2.52	284.	7.9	289.2	2.0
12	01	01	1	18	-26.7	0.269	-9.000	-9.000	-999.	336.	79.8	0.24	2.79	1.00	2.38	285.	7.9	287.5	2.0
12	01	01	1	19	-10.2	0.137	-9.000	-9.000	-999.	133.	22.7	0.24	2.79	1.00	1.26	287.	7.9	287.5	2.0
12	01	01	1	20	-6.2	0.106	-9.000	-9.000	-999.	83.	17.2	0.24	2.79	1.00	0.99	303.	7.9	287.0	2.0
12	01	01	1	21	-7.6	0.117	-9.000	-9.000	-999.	96.	19.1	0.24	2.79	1.00	1.09	326.	7.9	286.4	2.0
12	01	01	1	22	-6.8	0.110	-9.000	-9.000	-999.	88.	18.0	0.24	2.79	1.00	1.03	297.	7.9	285.9	2.0
12	01	01	1	23	-19.9	0.200	-9.000	-9.000	-999.	214.	43.9	0.24	2.79	1.00	1.79	290.	7.9	285.9	2.0
12	01	01	1	24	-19.6	0.196	-9.000	-9.000	-999.	209.	42.3	0.24	2.79	1.00	1.76	282.	7.9	285.9	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 -999. -99.00   283.8   99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)

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

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   C_1   , C_2   , C_3   , C_4   , C_5   ,
C_6   , C_7   , C_8   , C_9   , C_10   , C_11   , C_12   , C_13   ,
C_14   , C_15   , C_16   , C_17   , C_18   , C_19   , C_20   , C_21   ,
C_22   , C_23   , C_24   , C_25   , C_26   , C_27   , C_28   , . . .   ,

*** 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
379638.50	3749192.00	0.00179	379650.50	3749192.00	0.00203
379662.50	3749192.00	0.00231	379674.50	3749192.00	0.00261
379686.50	3749192.00	0.00293	379698.50	3749192.00	0.00325
379710.50	3749192.00	0.00355	379722.50	3749192.00	0.00378
379734.50	3749192.00	0.00392	379745.00	3749192.00	0.00396
379770.50	3749192.00	0.00373	379782.50	3749192.00	0.00349
379794.50	3749192.00	0.00320	379854.50	3749192.00	0.00203
379866.50	3749192.00	0.00188	379878.50	3749192.00	0.00174
379638.50	3749204.00	0.00210	379650.50	3749204.00	0.00244
379662.50	3749204.00	0.00284	379674.50	3749204.00	0.00330
379686.50	3749204.00	0.00381	379698.50	3749204.00	0.00435
379710.50	3749204.00	0.00487	379722.50	3749204.00	0.00530
379734.50	3749204.00	0.00557	379760.50	3749204.00	0.00558
379770.50	3749204.00	0.00537	379782.50	3749204.00	0.00497
379794.50	3749204.00	0.00447	379854.50	3749204.00	0.00261
379866.50	3749204.00	0.00238	379878.50	3749204.00	0.00218
379638.50	3749240.00	0.00342	379650.50	3749240.00	0.00435
379662.50	3749240.00	0.00571	379842.50	3749240.00	0.00664
379854.50	3749240.00	0.00557	379866.50	3749240.00	0.00477
379638.50	3749252.00	0.00395	379650.50	3749252.00	0.00517
379662.50	3749252.00	0.00711	379842.50	3749252.00	0.00814
379854.50	3749252.00	0.00674	379866.50	3749252.00	0.00570
379638.50	3749264.00	0.00446	379650.50	3749264.00	0.00595
379662.50	3749264.00	0.00841	379831.50	3749264.00	0.01139
379842.50	3749264.00	0.00940	379854.50	3749264.00	0.00778
379866.50	3749264.00	0.00657	379638.50	3749276.00	0.00491
379650.50	3749276.00	0.00662	379662.50	3749276.00	0.00941
379830.50	3749276.00	0.01262	379842.50	3749276.00	0.01036
379854.50	3749276.00	0.00864	379866.50	3749276.00	0.00732
379638.50	3749288.00	0.00528	379650.50	3749288.00	0.00714
379662.50	3749288.00	0.01013	379830.50	3749288.00	0.01334
379842.50	3749288.00	0.01106	379854.50	3749288.00	0.00931
379866.50	3749288.00	0.00793	379638.50	3749300.00	0.00557
379650.50	3749300.00	0.00753	379662.50	3749300.00	0.01063
379830.50	3749300.00	0.01388	379842.50	3749300.00	0.01160
379854.50	3749300.00	0.00983	379866.50	3749300.00	0.00842
379638.50	3749312.00	0.00578	379650.50	3749312.00	0.00779
379662.50	3749312.00	0.01095	379821.00	3749312.00	0.01660
379830.50	3749312.00	0.01429	379842.50	3749312.00	0.01200
379854.50	3749312.00	0.01022	379866.50	3749312.00	0.00880

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

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   C_1   , C_2   , C_3   , C_4   , C_5   ,
C_6   , C_7   , C_8   , C_9   , C_10   , C_11   , C_12   , C_13   ,
C_14   , C_15   , C_16   , C_17   , C_18   , C_19   , C_20   , C_21   ,
C_22   , C_23   , C_24   , C_25   , C_26   , C_27   , C_28   , . . .   ,

*** 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
379638.50	3749324.00	0.00592	379650.50	3749324.00	0.00796
379662.50	3749324.00	0.01115	379818.50	3749324.00	0.01759
379830.50	3749324.00	0.01457	379842.50	3749324.00	0.01228
379854.50	3749324.00	0.01049	379866.50	3749324.00	0.00907
379638.50	3749336.00	0.00599	379650.50	3749336.00	0.00804
379662.50	3749336.00	0.01123	379818.50	3749336.00	0.01773
379830.50	3749336.00	0.01473	379842.50	3749336.00	0.01245
379854.50	3749336.00	0.01067	379866.50	3749336.00	0.00925
379638.50	3749348.00	0.00599	379650.50	3749348.00	0.00803
379662.50	3749348.00	0.01121	379818.50	3749348.00	0.01775
379830.50	3749348.00	0.01477	379842.50	3749348.00	0.01250
379854.50	3749348.00	0.01074	379866.50	3749348.00	0.00933
379638.50	3749360.00	0.00592	379650.50	3749360.00	0.00793
379662.50	3749360.00	0.01108	379811.00	3749360.00	0.01993
379818.50	3749360.00	0.01761	379830.50	3749360.00	0.01467
379842.50	3749360.00	0.01243	379854.50	3749360.00	0.01069
379866.50	3749360.00	0.00930	379638.50	3749372.00	0.00578
379650.50	3749372.00	0.00773	379662.50	3749372.00	0.01081
379808.00	3749372.00	0.02059	379818.50	3749372.00	0.01729
379830.50	3749372.00	0.01440	379842.50	3749372.00	0.01220
379638.50	3749384.00	0.00555	379650.50	3749384.00	0.00742
379662.50	3749384.00	0.01039	379806.50	3749384.00	0.02041
379818.50	3749384.00	0.01668	379830.50	3749384.00	0.01389
379842.50	3749384.00	0.01178	379638.50	3749396.00	0.00524
379650.50	3749396.00	0.00697	379662.50	3749396.00	0.00975
379806.50	3749396.00	0.01907	379818.50	3749396.00	0.01562
379830.50	3749396.00	0.01305	379842.50	3749396.00	0.01111
379638.50	3749408.00	0.00484	379650.50	3749408.00	0.00637
379662.50	3749408.00	0.00882	379807.50	3749408.00	0.01663
379818.50	3749408.00	0.01403	379830.50	3749408.00	0.01185
379842.50	3749408.00	0.01018	379638.50	3749420.00	0.00437
379650.50	3749420.00	0.00563	379662.50	3749420.00	0.00757
379818.50	3749420.00	0.01201	379830.50	3749420.00	0.01034
379842.50	3749420.00	0.00902	379818.50	3749432.00	0.00980
379830.50	3749432.00	0.00867	379842.50	3749432.00	0.00774
379638.50	3749444.00	0.00334	379650.50	3749444.00	0.00403
379662.50	3749444.00	0.00490	379674.50	3749444.00	0.00593
379686.50	3749444.00	0.00696	379818.50	3749444.00	0.00768
379830.50	3749444.00	0.00703	379842.50	3749444.00	0.00644
379638.50	3749456.00	0.00288	379650.50	3749456.00	0.00336

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

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C_1 , C_2 , C_3 , C_4 , C_5 ,
C_6 , C_7 , C_8 , C_9 , C_10 , C_11 , C_12 , C_13 ,
C_14 , C_15 , C_16 , C_17 , C_18 , C_19 , C_20 , C_21 ,
C_22 , C_23 , C_24 , C_25 , C_26 , C_27 , C_28 , . . . ,

*** 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
379662.50	3749456.00	0.00392	379674.50	3749456.00	0.00451
379686.50	3749456.00	0.00508	379818.50	3749456.00	0.00590
379830.50	3749456.00	0.00558	379842.50	3749456.00	0.00525
379638.50	3749468.00	0.00247	379650.50	3749468.00	0.00281
379662.50	3749468.00	0.00317	379674.50	3749468.00	0.00353
379686.50	3749468.00	0.00387	379638.50	3749480.00	0.00212
379650.50	3749480.00	0.00236	379662.50	3749480.00	0.00260
379674.50	3749480.00	0.00284	379686.50	3749480.00	0.00304
379638.50	3749492.00	0.00183	379650.50	3749492.00	0.00200
379662.50	3749492.00	0.00217	379674.50	3749492.00	0.00232
379686.50	3749492.00	0.00245	379700.00	3749238.00	0.01232
379687.30	3749238.00	0.00970	379709.50	3749446.50	0.00802

379721.50	3749446.50	0.00871	379733.50	3749446.50	0.00924
379745.50	3749446.50	0.00952	379757.50	3749446.50	0.00953
379769.50	3749446.50	0.00928	379709.50	3749458.50	0.00557
379721.50	3749458.50	0.00591	379733.50	3749458.50	0.00617
379745.50	3749458.50	0.00633	379757.50	3749458.50	0.00637
379769.50	3749458.50	0.00630	379709.50	3749470.50	0.00411
379721.50	3749470.50	0.00427	379733.50	3749470.50	0.00439
379745.50	3749470.50	0.00447	379757.50	3749470.50	0.00449
379769.50	3749470.50	0.00448	379709.50	3749482.50	0.00316
379721.50	3749482.50	0.00324	379733.50	3749482.50	0.00329
379745.50	3749482.50	0.00332	379757.50	3749482.50	0.00333
379769.50	3749482.50	0.00332			

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

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.02059 AT	(379808.00, 3749372.00, 8.00, 8.00, 2.00)	DC	
	2ND HIGHEST VALUE IS	0.02041 AT	(379806.50, 3749384.00, 8.00, 8.00, 2.00)	DC	
	3RD HIGHEST VALUE IS	0.01993 AT	(379811.00, 3749360.00, 8.00, 8.00, 2.00)	DC	
	4TH HIGHEST VALUE IS	0.01907 AT	(379806.50, 3749396.00, 8.00, 8.00, 2.00)	DC	
	5TH HIGHEST VALUE IS	0.01775 AT	(379818.50, 3749348.00, 8.00, 8.00, 2.00)	DC	
	6TH HIGHEST VALUE IS	0.01773 AT	(379818.50, 3749336.00, 8.00, 8.00, 2.00)	DC	
	7TH HIGHEST VALUE IS	0.01761 AT	(379818.50, 3749360.00, 8.00, 8.00, 2.00)	DC	
	8TH HIGHEST VALUE IS	0.01759 AT	(379818.50, 3749324.00, 8.00, 8.00, 2.00)	DC	
	9TH HIGHEST VALUE IS	0.01729 AT	(379818.50, 3749372.00, 8.00, 8.00, 2.00)	DC	
	10TH HIGHEST VALUE IS	0.01668 AT	(379818.50, 3749384.00, 8.00, 8.00, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR

DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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 1474 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1223 Calm Hours Identified

A Total of 251 Missing Hours Identified (0.57 Percent)

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

******** WARNING MESSAGES ********
ME W186 1155 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1155 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

ATTACHMENT E

List of References

1. California Air Pollution Control Officers Association (CAPCOA), 1987. *Toxic Air Pollutant Source Assessment Manual for California Air Pollution Control Districts and Applicants for Air Pollution Control District Permits*, prepared by Interagency Workshop Group, (Revised) December 1989.

2. California Air Resources Board, 1998. Findings of the Scientific Review Panel on THE REPORT ON DIESEL EXHAUST as adopted at the Panel's April 22, 1998, Meeting.

3. California Air Resources Board and the Office of Environmental Health Hazard Assessment, 1998. Executive Summary For the "Proposed Identification of Diesel Exhaust as a Toxic Air Contaminant".

4. California Air Resources Board, 1997. *Methods for Assessing Area Source Emissions in California: Volume III* (Revised).

5. California Air Resources Board, 2005. *Air Quality and Land Use Handbook: A Community Health Perspective*.

6. California Air Resources Board, 2020. *Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values*.

7. California Code of Regulations, Title 22, Section 12703.

8. California Code of Regulations, Section 93001.

9. California Department of Toxic Substances Control (DTSC), 2022. *Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC-SLs)*.

10. California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, 2015. The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments.

11. California Health and Safety Code, Section 44360.

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