Appendix C:

Air Quality Analysis

This page intentionally left blank.

Air Quality Analysis for the Southeastern San Diego and Encanto Neighborhoods Community Plan Updates, San Diego, California

Project No. 386029

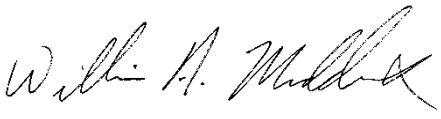
SCH No. 2014051075

Prepared for

City of San Diego
Development Services Department
1222 First Avenue
San Diego, CA 92101
Contact: Myra Herrmann

Prepared by

RECON Environmental, Inc.
1927 Fifth Avenue
San Diego, CA 92101-2358
P 619.308.9333 F 619.308.9334
RECON Number 6514
June 24, 2015



William A. Maddux, Senior Air Quality Specialist

THIS PAGE IS INTENTIONALLY BLANK.

TABLE OF CONTENTS

TABLE OF CONTENTS (cont.)

FIGURES

TABLES

ATTACHMENTS

Acronyms

°F	degrees Fahrenheit
µg/m^3	micrograms per cubic meter
AAQS	Ambient air quality standards
AB	Assembly Bill
ADT	average daily traffic
AQIP	Air Quality Improvement Program
BACT	best available control technology
BW	Body weight
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalGreen	California Green Building Standards
CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CO	carbon monoxide
CPU	Community Plan Update
DBR	Daily breathing rate
DPM	diesel-exhaust particulate matter
HRA	health risk assessment
I-5	Interstate 5
L/kg	Liter per kilogram
LOS	level of service
MCAS	Marine Corps Air Station
MEIR	maximally exposed individual resident
MEIW	maximally exposed individual worker
mg/kg-d	milligrams of dose per kilogram of body weight each day
mg/L	milligrams per liter
mph	miles per hour
NAAQS	national ambient air quality standards
NO_2	nitrogen dioxide
NWS	National Weather Service
O_3	ozone
OEHHA	Office of Environmental Health Hazard Assessment
Pb	Lead
PF	potency risk factor
PM_{10}	particulate matter with an aerodynamic diameter of 10 microns or less
$PM_{2.5}$	particulate matter with an aerodynamic diameter of 2.5 microns or less
PMI	point of maximum impact
ppb	parts per billion
ppm	parts per million
RAQS	Regional Air Quality Strategy
REL	Reference Exposure Level
ROG	reactive organic gases
SANDAG	San Diego Association of Governments
SCAB	South Coast Air Basin
SCAQMD	South Coast Air Quality Management District

SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SIP	State Implementation Plan
SMAQMD	Sacramento Metropolitan Air Quality Management District
SO_2	Sulfur dioxide
SR	State Route
TCM	Transportation Control Measures
USC	United States Code
U.S. EPA	United States Environmental Protection Agency
VOCs	volatile organic compound

Executive Summary

This report evaluates potential local and regional air quality impacts associated with the Community Plan Updates (CPUs) for the Southeastern San Diego and Encanto Neighborhoods communities. The existing Southeastern San Diego Community Plan, which includes both the Southeastern San Diego and Encanto Neighborhoods CPU areas, was originally adopted in 1969 and comprehensively updated in 1987. In order to facilitate greater focus on each community, separate community plans are being prepared through this update process and are collectively referred to as the "CPUs" or "Plans" or "draft Plans." This update will ensure consistency of the CPUs with the City of San Diego General Plan (General Plan) and incorporate relevant policies from it, as well as provide a long-range, comprehensive policy framework for growth and development in the two communities through 2035.

The CPUs provide detailed neighborhood-specific land use, development regulations (zoning) that are consistent with city-wide zoning classifications, development design guidelines, and numerous other mobility and public realm guidelines, incentives, and programs to revitalize the urban core in accordance with the general goals stated in the General Plan. The CPUs would additionally serve as the basis for guiding a variety of other actions, such as parkland acquisitions and transportation improvements.

This report evaluates potential local and regional air quality impacts by comparing the existing air pollutant emissions in planning areas to the future emissions associated with the proposed land use plan for the CPUs. This report also evaluates potential carbon monoxide (CO) hotspots.

Consistency with Regional Plans

The applicable regional air quality plans in the San Diego Air Basin (SDAB) are the San Diego County Air Pollution Control District (SDAPCD) Regional Air Quality Strategy (RAQS) and the State Implementation Plan (SIP). The SIP includes strategies and tactics to be used to attain and maintain acceptable air quality in the whole state based on a basin-by-basin plan. These strategies include establishing annual air emission budgets for the area. In the SDAB, this list of strategies is contained in the RAQS. The Rules and Regulations for the SDAPCD include procedures and requirements to control the emissions of pollutants and prevent significant adverse impacts.

The RAQS is the San Diego region's portion of the SIP prepared by the SDAPCD. The RAQS includes emission inventories and future emissions estimates used to demonstrate how the SDAB will attain the National and State Ambient Air Quality Standards (AAQS). These emission estimates are based, in part, on the land use patterns and growth projections included in local planning documents, such as General

Plans and Community Plans. As the emission estimates included in the RAQS are based, in part, on the Adopted Community Plan land uses, changes in these land uses may result in greater emissions than estimated in the RAQS, which would represent an inconsistency with the RAQS. Based on an evaluation of the potential air emissions associated with Adopted Community Plan and the CPUs, the CPUs would result in greater emissions than the Adopted Community Plan. Thus, it can be concluded that the Southeastern San Diego CPU and the Encanto CPU would conflict with implementation of the RAQS, and could have a potentially significant impact on regional air quality. Because the significant air impact stems from an inconsistency between the CPUs and the adopted land use plans upon which the RAQS was based, the only measure that can lessen this effect is the revision of the RAQS and SIP based on the revised CPUs. The RAQS are normally updated every three years as part of compliance with state requirements, and the SIP is updated as required. The next update of the RAQS is scheduled for 2016. This effort is the responsibility of the San Diego Association of Governments (SANDAG) and the SDAPCD and is outside the jurisdiction of the City. As such, no mitigation is available to the City. Impacts remain significant.

Criteria Pollutants

Emissions due to construction of individual projects are not expected to exceed the applicable project-level thresholds. Approval of the CPUs would not permit the construction of any individual project, and no specific development details are available at this time. While the analysis indicates the modeled scenarios would not exceed the City's standards, due to the lack of project-specific details, all future projects developed under the CPUs would be required to implement Mitigation Measure AQ-1. With the implementation of Mitigation Measure AQ-1, construction impacts would be less than significant. If a project cannot comply with the requirements of Mitigation Measure AQ-1, project-specific air quality studies would be required for these projects within the planning areas to verify compliance at the project level.

Implementation of the CPUs would result in emissions in excess of project-level thresholds. Additionally, total emissions under the Southeastern San Diego CPU are projected to be greater than total emissions under the Adopted Community Plan for reactive organic gases (ROG), and total emissions under the Encanto CPU are projected to be greater than total emissions under the Adopted Community Plan for ROG, nitrogen dioxide (NO_x), and CO. While identified regulations would reduce emissions and may preclude many potential impacts, as no project specific data is available at this time air emissions from the future developments within the planning areas cannot be adequately quantified, this impact would be significant. Implementation of the mitigation framework identified in Section 7.0 would reduce these impacts, but not to a level less than significant.

Sensitive Receptors

CO Hotspots

The hotspot analysis indicates that the increases of CO due to the CPUs would be below the federal and state standards. Therefore, there would be no harmful concentrations of CO and localized air quality emissions would not exceed applicable standards under the CPUs.

Diesel Particulate Matter

The health risk analysis indicates that the carcinogenic risks associated with operations would be less than 10 in a million within the project area; thus, this impact would be less than significant. The analysis also indicates that the non-carcinogenic risks are measured to have a maximum chronic hazard index below the significance threshold of 1.0. Chronic risks resulting from diesel particulate matter emissions are not projected to be significant.

Stationary Sources

The CPUs would permit industrial development in the community and it is possible that industries that generate air pollutants would be developed within these areas. Without appropriate controls, air emissions associated with planned industrial uses would represent a significant adverse air quality impact. Implementation of the mitigation outlined in Section 7.0 below would require an emissions inventory and health risk assessment in accordance with Assembly Bill (AB) 2588, and would ensure that risks would be reduced to a level less than significant.

It is possible that industries that generate air pollutants would be developed within the planning areas. Specific project-level design information is needed to determine stationary source emission impacts. Therefore, at the program level, impacts would be potentially significant. The California Air Resources Board (CARB) and SDAPCD provide guidance on siting land uses to avoid health risks and avoid nuisances. Implementation of the mitigation outlined in Section 7.0 below would ensure that risks would be reduced to a level less than significant.

Air Movement

The planning areas are heavily developed, and only 13 percent of Southeastern San Diego and 11 percent of Encanto Neighborhoods would experience a change in land use, most of which would involve the demolition of existing structures and improvements. Future development would be similar in height, bulk, and scale to existing development in the area with an increase in building density in core areas.

Implementation of the CPUs would result in a similar development pattern and would not substantially change air movement. Impacts would be less than significant.

1.0 Introduction

The proposed project would update the community plan for the Southeastern San Diego Planning Area and would subdivide the existing planning area into two distinct planning areas with separate community plans, Southeastern San Diego and Encanto Neighborhoods.

The purpose of this report is to assess the potential for significant adverse air quality impacts to result from the CPUs. Air quality impacts were assessed in accordance with the City of San Diego California Environmental Quality Act (CEQA) Significance Determination Thresholds (City of San Diego 2011).

1.1 Regional Location

Southeastern San Diego and Encanto Neighborhoods encompass approximately 6,740 acres, located east of downtown San Diego and north of National City (Figure 1). The planning areas are surrounded by several other community planning areas: Golden Hill, City Heights, and Eastern Area to the north, Barrio Logan to the west, and Skyline-Paradise Hills to the southeast. National City borders the two planning areas to the south, and the City of Lemon Grove forms the northeast border of Encanto Neighborhoods.

1.2 Planning Area Boundaries

1.2.1 Southeastern San Diego

The Southeastern San Diego Planning Area is located just east of downtown San Diego, proximate to major employment and commercial centers in the South Bay and Downtown and linked to them by trolley and buses (Figure 2a). Southeastern San Diego encompasses approximately 2,930 acres, excluding 121 acres of unincorporated San Diego County land (Greenwood Cemetery). Southeastern San Diego lies south of State Route 94 (SR-94), between Interstate 5 (I-5) and Interstate 805 (I-805), and north of the city limits of National City. Neighborhoods contained in Southeastern San Diego include Sherman Heights, Grant Hill, Stockton, Mt. Hope, Logan Heights, Mountain View, Southcrest, and Shelltown.

1.2.2 Encanto Neighborhoods

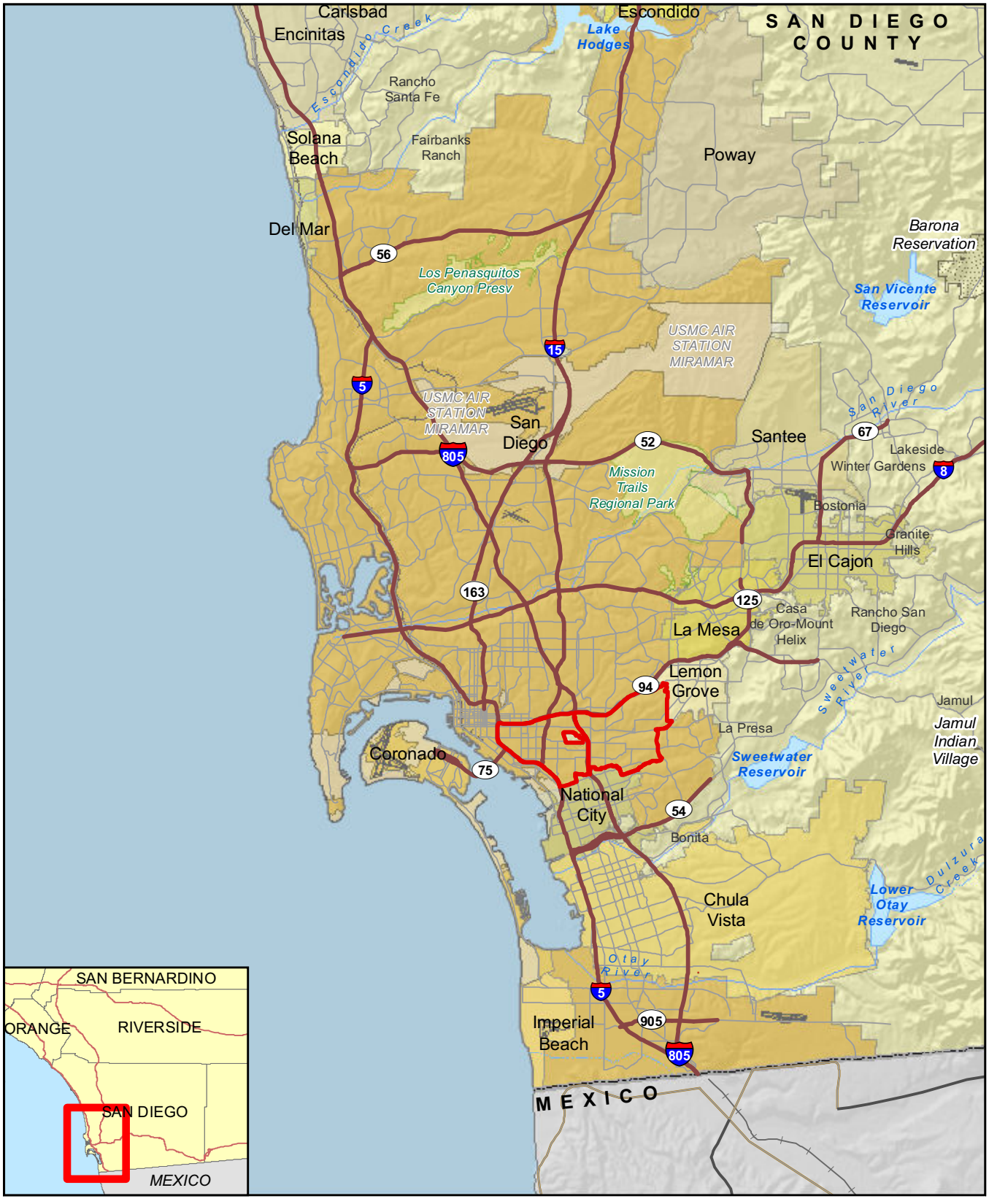
The Encanto Neighborhoods Planning Area encompasses approximately 3,810 acres, and is located approximately five miles east of downtown San Diego (Figure 2b). The

planning area is bounded by SR-94 to the north and I-805 to the west, providing access to local and regional destinations. The Southeastern San Diego Planning Area is immediately to the west. The City of Lemon Grove defines the northeast boundary of the Encanto Neighborhoods Planning Area roughly along 69th Street, while the City of National City defines the western half of the Planning Area's southern boundary. Plaza Boulevard marks the southern boundary to the east. Specific neighborhoods in the community include Chollas View, Lincoln Park, Valencia Park, O'Farrell, Alta Vista, Encanto, and Broadway Heights.

1.3 Village Districts

Each planning area contains village districts. The Southeastern San Diego Planning Area contains the Southeastern Village District (Figure 3a). The Southeastern Village District includes the Commercial/Imperial corridor from I-5 to I-15; trolley stops at 25th Street and 32nd Street are near the center of the district. The Encanto Neighborhoods Planning Area contains a village district, which combines two areas known as the Village at Market Creek, centered at the intersection of Euclid Avenue and Market Street, and Imperial Avenue Village, centered at the 62nd Street Trolley station (Figure 3b). The village districts are considered "transit priority areas,"[1] in close proximity to high frequency mass transit service.

[1] According to SB 743, a "*transit priority area*" means "an area within one-half mile of a *major transit stop* that is existing or planned, if the planned stop is scheduled to be completed within the planning horizon included in a Transportation Improvement Program adopted pursuant to Section 450.216 or 450.322 of Title 23 of the Code of Federal Regulations." A "*major transit stop"* is means "a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods."



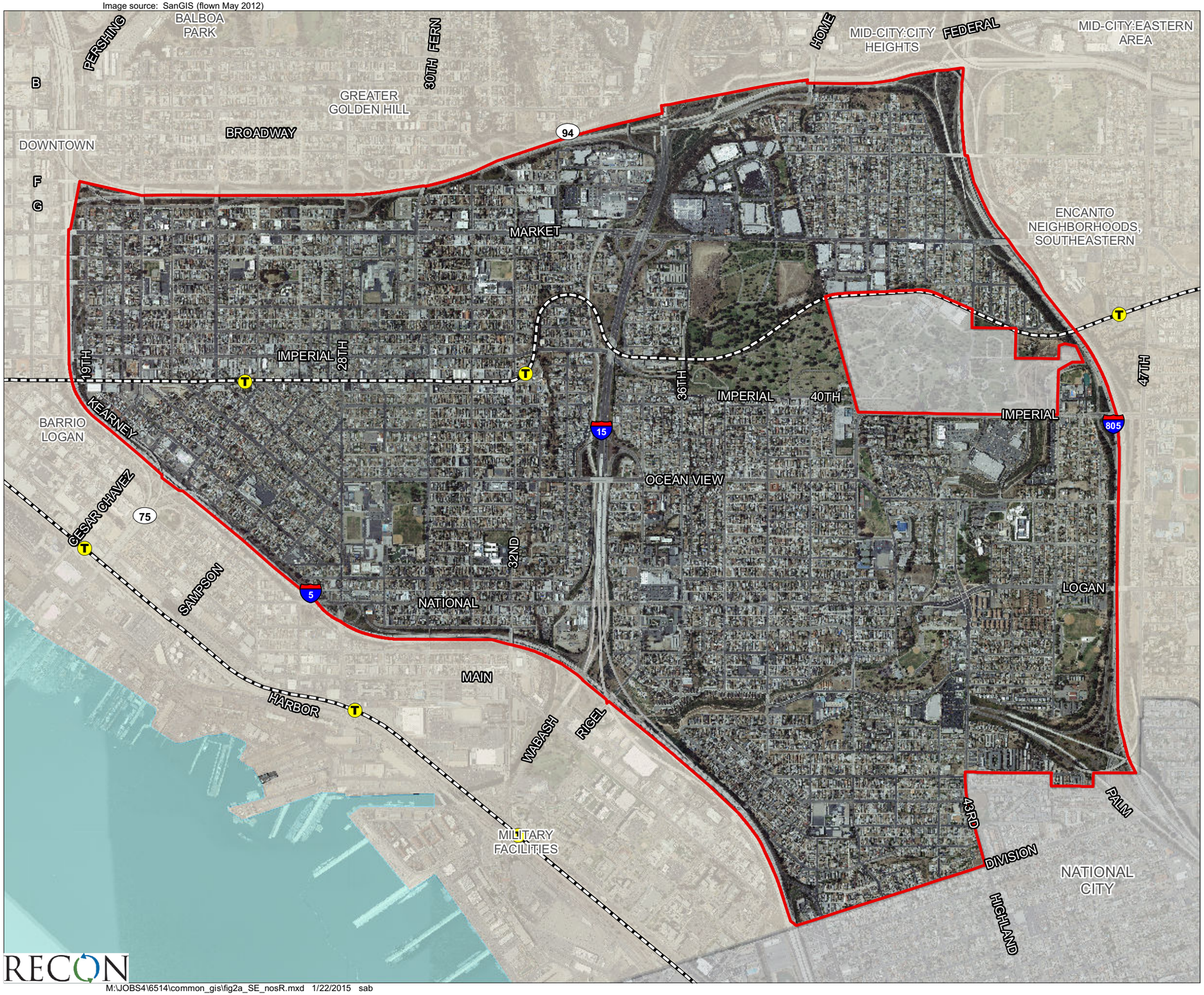
RECON

M:\JOBS4\6514\common_gis\fig1_nosR.mxd 1/22/2015 sab

FIGURE 1

Regional Location

Image source: SanGIS (flown May 2012)



Southeastern San Diego Community Plan Boundary

Trolley Line

Trolley Stops

0 Feet 1,500

RECON

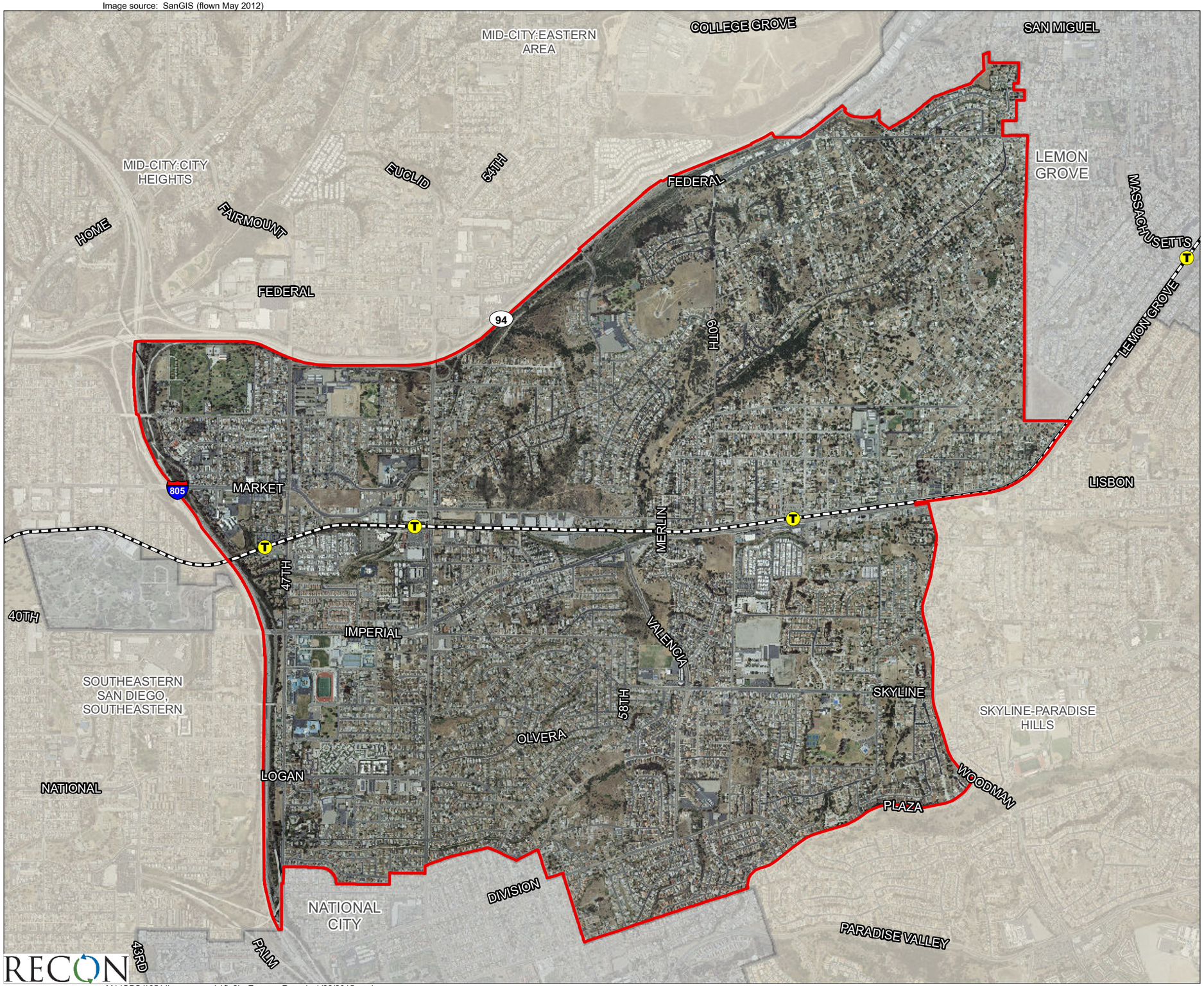
M:\JOBS4\6514\common_gis\fig2a_SE_nosR.mxd 1/22/2015 sab

FIGURE 2a

Aerial Photograph of the Southeastern San Diego CPU Area

THIS PAGE IS INTENTIONALLY BLANK.

Image source: SanGIS (flown May 2012)



Encanto Neighborhoods Community Plan Boundary

Trolley Line

Trolley Stops

0 Feet 1,800

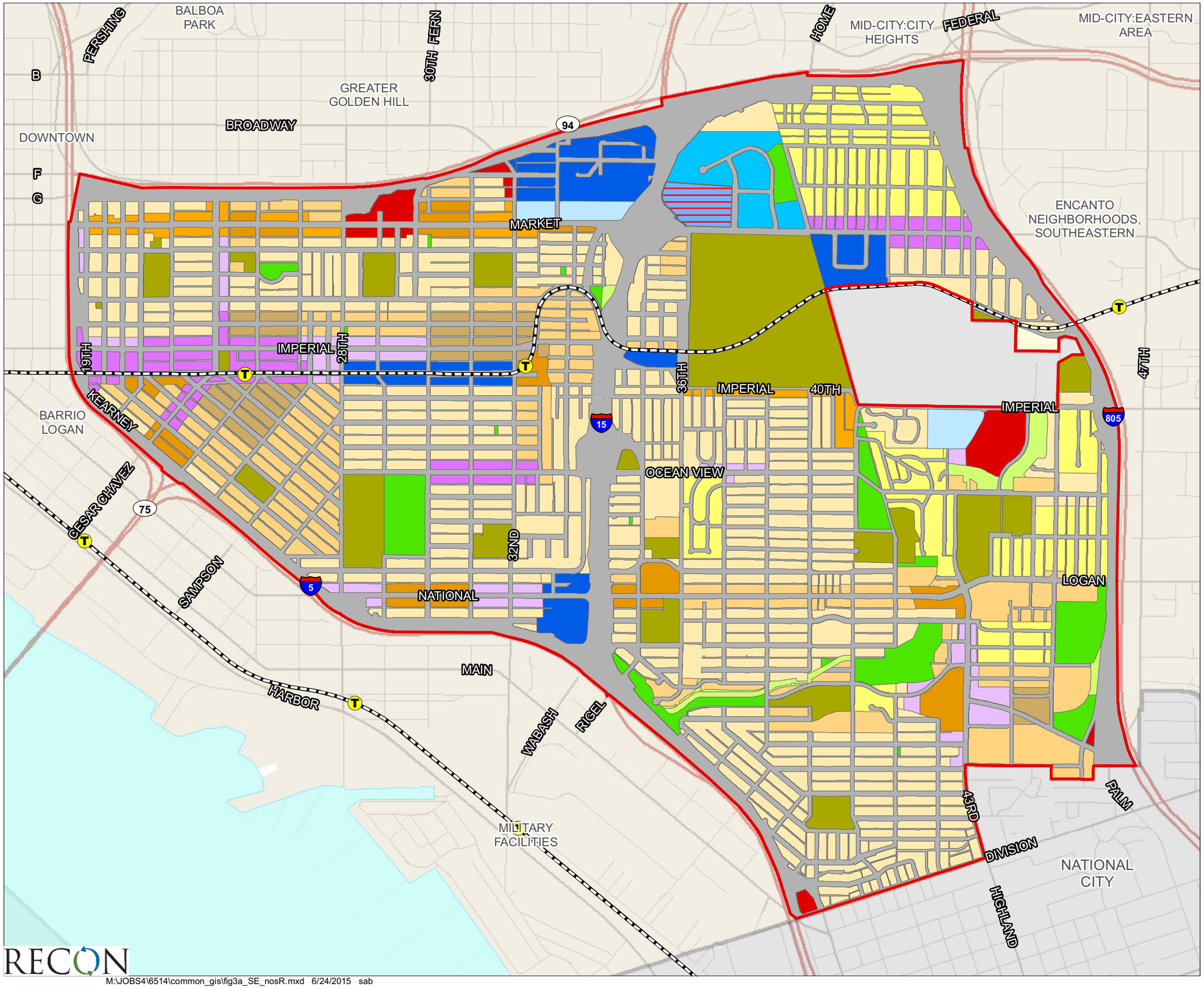
RECON

M:\JOBS4\6514\common_gis\fig2b_Enc_nosR.mxd 1/22/2015 sab

FIGURE 2b

Aerial Photograph of the Encanto Neighborhoods CPU Area

THIS PAGE IS INTENTIONALLY BLANK.



RECON

M:\JOBS4\6514\common_gis\fig3a_SE_nosR.mxd 6/24/2015 sab

Southeastern San Diego Community Plan Boundary

Trolley Line

Trolley Stops

Proposed Land Use

Mixed Use

- Neighborhood Mixed Use (30-44 du/ac)
- Neighborhood Mixed Use-Low (15-29 du/ac)
- Community Mixed Use-Medium (30-44 du/ac)
- Community Mixed Use-Low (15-29 du/ac)

Residential

- Residential - Very Low (0-4 du/ac)
- Residential - Low (5-9 du/ac)
- Residential - Low Medium (10-14 du/ac)
- Residential - Medium (15-29 du/ac)
- Residential - Medium High (30-44 du/ac)

Commercial, Employment, and Industrial

- Community Commercial - Residential Prohibited
- Regional Commercial - Residential Prohibited
- Office Commercial
- Light Industrial
- Business Park

Institutional and Public/Semi-Public Facilities

- Institutional
- Righ-Of-Way

Parks, Open Space & Recreation

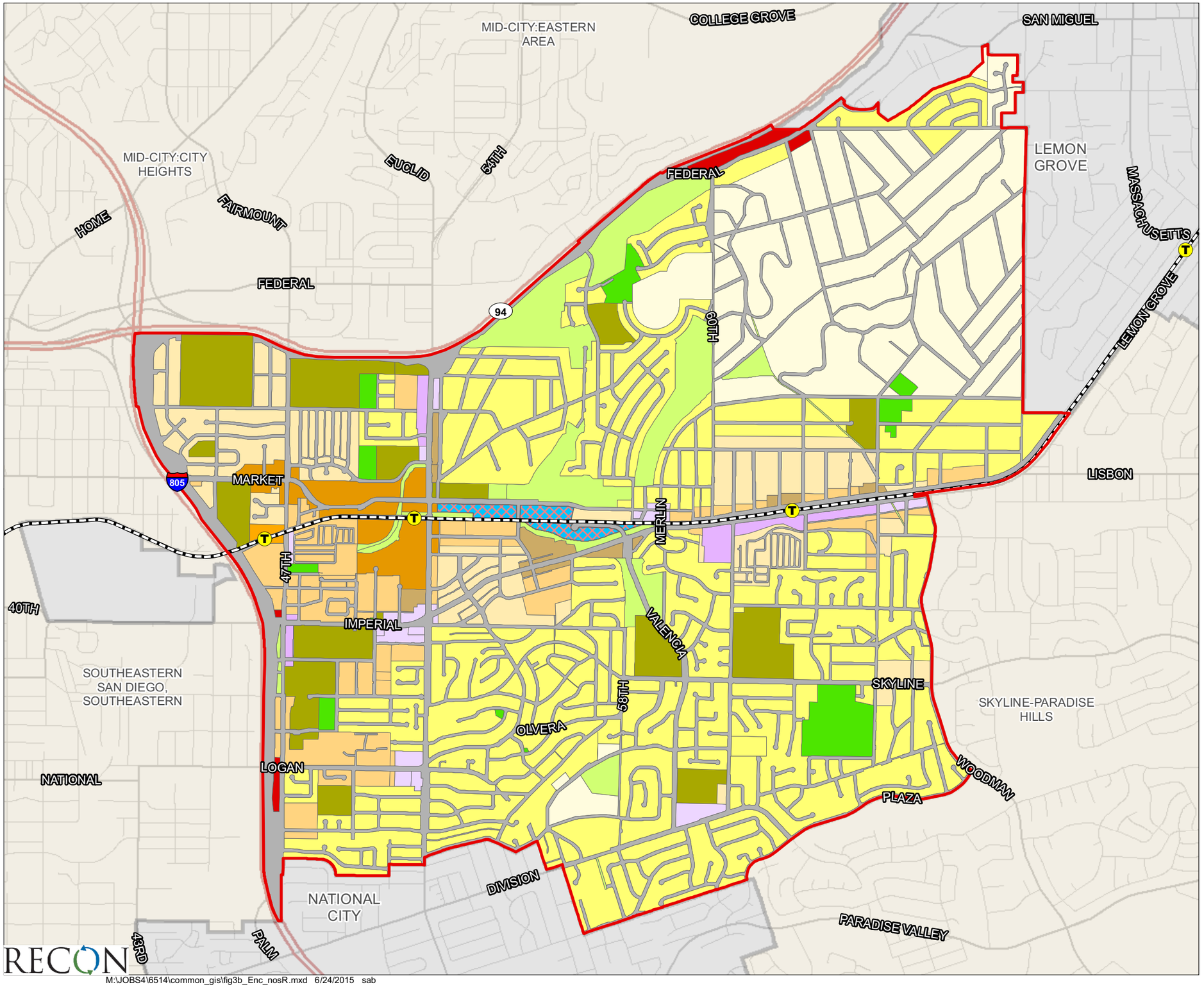
- Population-based Park
- Open Space

0 Feet 1,500

FIGURE 3a

Proposed Land Uses for the Southeastern San Diego CPU

THIS PAGE IS INTENTIONALLY BLANK.



Encanto Neighborhoods Community Plan Boundary

Trolley Line

Trolley Stops

Proposed Land Use

Mixed Use

- Neighborhood Mixed Use (30-44 du/ac)
- Neighborhood Mixed Use-Low (15-29 du/ac)
- Community Mixed Use-Medium (30-44 du/ac)
- Community Mixed Use-Low (15-29 du/ac)

Residential

- Residential - Very Low (0-4 du/ac)
- Residential - Low (5-9 du/ac)
- Residential - Low Medium (10-14 du/ac)
- Residential - Medium (15-29 du/ac)
- Residential - Medium High (30-44 du/ac)

Commercial, Employment, and Industrial

- Community Commercial - Residential Prohibited
- Business Park - Residential Prohibited

Institutional and Public/Semi-Public Facilities

- Institutional
- Righ-Of-Way

Parks, Open Space & Recreation

- Population-based Park
- Open Space

0 Feet 1,800

RECON

M:\JOBS4\6514\common_gis\fig3b_Enc_nosR.mxd 6/24/2015 sab

FIGURE 3b

Proposed Land Uses for the Encanto CPU

THIS PAGE IS INTENTIONALLY BLANK.

1.4 Buildout of Plans

Table 1 describes the existing and proposed development anticipated to result from application of land uses shown on the Southeastern San Diego CPU Land Use Map and the Encanto Neighborhoods CPU Land Use Map on vacant and underutilized sites, according to analysis undertaken for the proposed plans.

TABLE 1
RESIDENTIAL AND NON-RESIDENTIAL DEVELOPMENT: EXISTING AND PROPOSED CPU BUILDOUT

Land Use	Existing Development	Buildout of CPUs (2035)	Difference
Southeastern San Diego			
Residential Development			
Single-family Units[1]	5,648	5,765	117
Multi-family Units[2]	9,380	12,747	3,367
Total Housing Units	*15,058*	*18,042*	*2,984*
Population[3]	56,848	70,020	13,172
Non-residential Development			
Commercial (square feet)	1,758,200	2,520,000	761,800
Office (square feet)	163,600	277,400	113,800
Industrial and Utilities (square feet)	2,068,700	2,489,100	420,400
Community Facilities (square feet)	2,332,800	2,593,400	260,600
Total Non-residential Development (square feet)	*6,323,300*	*7,879,900*	*1,556,600*
Encanto Neighborhoods			
Residential Development			
Single-family Units[1]	9,846	9,027	(819)
Multi-family Units[2]	3,943	12,070	8,127
Total Housing Units	*13,789*	*21,097*	*7,308*
Population[3]	50,719	76,732	26,013
Non-residential Development			
Commercial (square feet)	413,900	1,281,500	867,600
Office (square feet)	150,200	135,000	(15,200)
Industrial and Utilities (square feet)	465,400	554,100	88,700
Community Facilities (square feet)	2,035,400	2,001,000	(34,400)
Total Non-residential Development (square feet)	*3,064,900*	*3,971,600*	*906,700*

SOURCES: City of San Diego 2014; Dyett & Bhatia 2014; SANDAG, Current Estimates, 2012; SANDAG Regional Forecast 2050 (Series 12) for the year 2035, 2010; City of San Diego 2008.
[1]Includes detached single-family, multiple-unit single-family.
[2]Includes residential units in mixed-use development and mobile homes.
[3]Assumes current ratio of population to housing units remains the same.

2.0 Regulatory Background and Setting

A detailed discussion of applicable air quality regulations and existing setting is contained in the Existing Air Quality, Greenhouse Gas Emissions, and Noise Conditions Report for the Southeast San Diego Community Plan Update (existing conditions report) (RECON 2013). Since then The federal government revised the AAQS for particulate matter less than 2.5 microns in diameter ($PM_{2.5}$), the state of California has published revisions to the Energy Code (Title 24, Part 6) and Green Building Standards Code (Title 24, Part 11) have been adopted. Additionally, new monitoring data for the project area has been released.

2.1 Federal Regulations

AAQS represent the maximum levels of background pollution considered safe, with an adequate margin of safety, to protect the public health and welfare. The federal Clean Air Act was enacted in 1970 and amended in 1977 and 1990 (42 United States Code [U.S.C.] 7401) for the purposes of protecting and enhancing the quality of the nation's air resources to benefit public health, welfare, and productivity. In 1971, in order to achieve the purposes of Section 109 of the Clean Air Act (42 U.S.C. 7409), the U.S. Environmental Protection Agency (U.S. EPA) developed primary and secondary national ambient air quality standards (NAAQS).

The six pollutants of primary concern are ozone (O_3), carbon monoxide (CO), sulfur dioxide (SO_2), nitrogen dioxide (NO_2), lead (Pb), and particulate matter (PM), which is categorized into particulate matter less than 10 microns in diameter (PM_{10}), and $PM_{2.5}$. The late update to the standards occurred in early 2013 when the U.S. EPA issued the Final rule strengthening the annual NAAQS for $PM_{2.5}$ to 12.0 micrograms per cubic meter ($\mu g/m^3$). The agency also retained the existing standards for PM_{10}.The current NAAQS are presented in Table 2.

TABLE 2
AMBIENT AIR QUALITY STANDARDS

Pollutant	Averaging Time	California Standards[1]		National Standards[2]		
		Concentration[3]	Method[4]	Primary[3,5]	Secondary[3,6]	Method[7]
Ozone	1 Hour	0.09 ppm (180 µg/m^3)	Ultraviolet Photometry	–	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.07 ppm (137 µg/m^3)		0.075 ppm (147 µg/m^3)		
Respirable Particulate Matter (PM_{10})[8]	24 Hour	50 µg/m^3	Gravimetric or Beta Attenuation	150 µg/m^3	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m^3		–		
Fine Particulate Matter ($PM_{2.5}$)[8]	24 Hour	No Separate State Standard		35 µg/m^3	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m^3	Gravimetric or Beta Attenuation	12 µg/m^3	15 µg/m^3	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m^3)	Non-dispersive Infrared Photometry	35 ppm (40 mg/m^3)	–	Non-dispersive Infrared Photometry
	8 Hour	9.0 ppm (10 mg/m^3)		9 ppm (10 mg/m^3)	–	
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m^3)		–	–	
Nitrogen Dioxide (NO_2)[9]	1 Hour	0.18 ppm (339 µg/m^3)	Gas Phase Chemi-luminescence	100 ppb (188 µg/m^3)	–	Gas Phase Chemi-luminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m^3)		0.053 ppm (100 µg/m^3)	Same as Primary Standard	
Sulfur Dioxide (SO_2)[10]	1 Hour	0.25 ppm (655 µg/m^3)	Ultraviolet Fluorescence	75 ppb (196 µg/m^3)	–	Ultraviolet Fluorescence; Spectro photometry (Pararosaniline Method)
	3 Hour	–		–	0.5 ppm (1,300 µg/m^3)	
	24 Hour	0.04 ppm (105 µg/m^3)		0.14 ppm (for certain areas)[10]	–	
	Annual Arithmetic Mean	–		0.030 ppm (for certain areas)[10]	–	
Lead[11,12]	30 Day Average	1.5 µg/m^3	Atomic Absorption	–	–	High Volume Sampler and Atomic Absorption
	Calendar Quarter	–		1.5 µg/m^3 (for certain areas)[12]	Same as Primary Standard	
	Rolling 3-Month Average	–		0.15 µg/m^3		
Visibility Reducing Particles[13]	8 Hour	See footnote 13	Beta Attenuation and Transmittance through Filter Tape	No National Standards		
Sulfates	24 Hour	25 µg/m^3	Ion Chroma-tography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m^3)	Ultraviolet Fluorescence			
Vinyl Chloride[11]	24 Hour	0.01 ppm (26 µg/m^3)	Gas Chroma-tography			

See footnotes on next page.

SOURCE: State of California 2013

ppm = parts per million; ppb = parts per billion; $\mu g/m^3$ = micrograms per cubic meter; – = not applicable.

[1]California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, particulate matter (PM_{10}, $PM_{2.5}$, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

[2]National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 $\mu g/m^3$ is equal to or less than one. For $PM_{2.5}$, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.

[3]Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

[4]Any equivalent measurement method which can be shown to the satisfaction of the Air Resources Board to give equivalent results at or near the level of the air quality standard may be used.

[5]National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.

[6]National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

[7]Reference method as described by the U.S. EPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the U.S. EPA.

[8]On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 $\mu g/m^3$ to 12.0 $\mu g/m^3$. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 $\mu g/m^3$, as was the annual secondary standards of 15 $\mu g/m^3$. The existing 24-hour PM_{10} standards (primary and secondary) of 150 $\mu g/m^3$ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.

[9]To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national standards are in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national standards to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

[10]On June 2, 2010, a new 1-hour SO_2 standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99^{th} percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.

[11]The ARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

[12]The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard (1.5 $\mu g/m^3$ as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

[13]In 1989, the ARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

2.2 State Regulations

2.2.1 California Code of Regulations Title 24

2.2.1.1 Part 6—California Energy Code

New construction and major renovations must demonstrate compliance with the current Energy Code through increases in energy efficiency given selection of various heating, ventilation, and air conditioning; sealing; window glazing; insulation; and other components related to the building envelope. The most recent amendments to the Energy Code became effective January 1, 2014. The 2013 Energy Code provides mandatory energy-efficiency measures as well as voluntary tiers for increased energy efficiency. The 2013 Energy Code is anticipated to result in 25 to 30 percent energy savings over the 2008 Title 24 standards (California Energy Commission 2013).

2.2.1.2 Part 11—California Green Building Standards Code

California Green Building Standards (CalGreen) institutes mandatory minimum environmental performance standards for all ground-up new construction of commercial and low-rise residential buildings, state-owned buildings, schools, and hospitals. These mandatory standards include reduction of indoor water use by 20 percent, diversion of 50 percent of all construction/demolition waste, inspection of energy systems to ensure optimal working efficiency, and requirements for low-pollutant emitting finish materials. CalGreen also includes voluntary tiers (I and II) with stricter environmental performance standards. Local jurisdictions must enforce the minimum mandatory requirements and may adopt CalGreen with amendments for stricter requirements. The 2013 revisions to CalGreen clarify existing regulation.

2.3 Existing Air Quality

Air quality at a particular location is a function of the kinds, amounts, and dispersal rates of pollutants being emitted into the air locally and throughout the basin. The major factors affecting pollutant dispersion are wind speed and direction, the vertical dispersion of pollutants (which is affected by inversions), and the local topography.

Air quality is commonly expressed as the number of days in which air pollution levels exceed state standards set by the CARB or federal standards set by the U.S. EPA. The SDAPCD maintains 11 air quality monitoring stations located throughout the greater San Diego metropolitan region. Air pollutant concentrations and meteorological information are continuously recorded at these 11 stations. Measurements are then used by scientists to help forecast daily air pollution levels.

The air quality monitoring station nearest the planning areas is the San Diego-Beardsley Street monitoring station that is located at 1110 Beardsley Street, just outside the westernmost Southeastern San Diego Planning Area boundary. The San Diego–

Beardsley Street monitoring station started taking measurements on July 14, 2005 and monitors the following criteria pollutants: O_3, CO, PM_{10}, $PM_{2.5}$, and NO_2. The SO_2 and CO monitors were decommissioned in 2012 and 2011, respectively, as these pollutants are less of a concern in the SDAB. Table 3 provides an updated summary of measurements of O_3, CO, SO_2, NO_2, PM_{10}, and $PM_{2.5}$ collected at the Beardsley Street monitoring station for the years 2009 through 2013.

TABLE 3
SUMMARY OF AIR QUALITY MEASUREMENTS
RECORDED AT THE SAN DIEGO–1110 BEARDSLEY STREET MONITORING STATION

Pollutant/Standard	2009	2010	2011	2012	2013
Ozone					
Days Federal 1-hour Standard Exceeded (0.12 ppm)[a]	0	0	0	0	0
Days State 1-hour Standard Exceeded (0.09 ppm)	0	0	0	0	0
Days Federal 8-hour Standard Exceeded (0.075 ppm)	0	0	0	0	0
Days State 8-hour Standard Exceeded (0.07 ppm)	0	0	0	0	0
Max. 1-hr (ppm)	0.085	0.078	0.082	0.071	0.063
Max. 8-hr (ppm)	0.063	0.066	0.061	0.065	0.053
Carbon Monoxide[b]					
Days Federal 8-hour Standard Exceeded (35 ppm)	0	0	0	0	NA
Days State 8-hour Standard Exceeded (20 ppm)	0	0	0	0	NA
Max. 1-hr (ppm)	NA	NA	NA	NA	NA
Max. 8-hr (ppm)	2.77	2.17	2.44	1.81	NA
Nitrogen Dioxide					
Days Federal 1-hour Standard Exceeded (0.10 ppm)	0	0	0	0	0
Days State 1-hour Standard Exceeded (0.18 ppm)	0	0	0	0	0
Max 1-hr (ppm)	0.078	0.077	0.067	0.065	0.072
Annual Average (ppm)	0.017	0.015	0.014	0.013	0.014
Sulfur Dioxide[c]					
Days State 24-hour Standard Exceeded (0.04 ppm)	0	0	0	NA	NA
Max 24-hr (ppm)	0.006	0.002	0.003	NA	NA
Annual Average (ppm)	0.001	0.000	NA[b]	NA	NA
PM_{10}					
Days State 24-hour Standard Exceeded (50 $\mu g/m^3$)*	18.2	0	0	0	6
Days Federal 24-hour Standard Exceeded (150 $\mu g/m^3$)	0	0	0	0	0
Max. Daily—Federal ($\mu g/m^3$)	59.0	40.0	48.0	45	90
Max. Daily—State ($\mu g/m^3$)	60.0	40.0	49.0	47	92
Federal Annual Average ($\mu g/m^3$)	28.8	22.8	23.3	21.8	24.9
State Annual Average ($\mu g/m^3$)	29.4	23.4	24.0	22.2	25.4
$PM_{2.5}$					
Days Federal 24-hour Standard Exceeded (35 $\mu g/m^3$)*	3.4	0	0	1	1.1
Max. Daily—Federal ($\mu g/m^3$)	52.1	29.7	34.7	39.8	37.4
Max. Daily—State ($\mu g/m^3$)	52.1	31.0	35.5	39.8	37.4
Federal Annual Average ($\mu g/m^3$)	11.7	10.4	10.8	11.0	10.3
State Annual Average ($\mu g/m^3$)	11.8	NA	10.9	NA	10.4

SOURCE: State of California 2015
NA = Not available.
[a] The federal 1-hour standard for ozone (0.12 ppm) has been revoked.
[b] The CO monitor was decommissioned on June 30, 2012.
[c] The SO_2 monitor was decommissioned on June 30, 2011.
*Calculated days. Calculated days are the estimated number of days that a measurement would have been greater than the level of the standard had measurements been collected every day. Particulate measurements are collected every six days. The number of days above the standard is not necessarily the number of violations of the standard for the year.

3.0 Thresholds of Significance

3.1 San Diego Air Pollution Control District

The SDAPCD is the agency that regulates air quality in the SDAB. The SDAPCD is responsible for preparing and implementing the portion of the SIP applicable to the SDAB. The SIP contains the state's strategies for achieving the NAAQS. The SDAPCD also prepared the 1991/1992 RAQS in response to requirements set forth in the California Clean Air Act (CAA) (AB 2595). Attached as part of the RAQS are the transportation control measures (TCMs) adopted by SANDAG in accordance with AB 2595 and adopted by SANDAG on March 27, 1992, as Resolution Number 92-49 and Addendum. The RAQS and TCM set forth the steps needed to accomplish attainment of state AAQS. Updates of the RAQS and corresponding TCM are required every three years. The required triennial updates of the RAQS and corresponding TCM occurred in 1995, 1998, 2001, and 2004, with the most recent update of the RAQS and TCM in 2009.

The SDAPCD has also established a set of rules and regulations initially adopted on January 1, 1969, and periodically reviewed and updated. These rules and regulations are available for review on the agency's website (County of San Diego 2012). The rules and regulations define requirements regarding stationary sources of air pollutants and fugitive dust.

The SDAPCD does not provide specific thresholds for determining the significance of impacts for CEQA projects or projects that do not require an APCD permit to operate (e.g., non-stationary sources). However, the district does specify Air Quality Impact Analysis "trigger" levels for new or modified stationary sources (SDAPCD Rules 20.2 and 20.3). The SDAPCD does not consider these trigger levels to represent adverse air quality impacts, rather, if these trigger levels are exceeded by a project, the SDAPCD requires an air quality analysis to determine if a significant air quality impact would occur. While these trigger levels do not apply to mobile sources or general land development projects, for comparative purposes these levels are used to evaluate the increased emissions that would be discharged to the SDAB, if the CPUs were approved.

The SDAPCD trigger levels are also utilized by the City of San Diego in their Significance Determination Thresholds (City of San Diego 2011) as one of the considerations when determining the potential significance of air quality impacts for projects within the city. SDAPCD Rules 20.2 and 20.3 do not specify trigger levels for volatile organic compounds (VOC)/ROG or $PM_{2.5}$. The definitions of VOC under the federal CAA and ROG under the California CAA are nearly synonymous, and the term ROG is used herein for simplicity. The threshold for ROG used by the City is equated to the NO_X trigger level based on the O_3 precursor *de minimis* levels identified in the U.S.

EPA's General Conformity Rule. The General Conformity is relevant as it is designed in part to "ensure that actions do not cause additional, or worsen existing, violations of, or contribute to new violations to the NAAQS; and to ensure that attainment of the NAAQSs is not delayed." The *de minimis* level of the General Conformity rule are also the basis for CEQA significance thresholds of several other air districts throughout California, include the South Coast Air Quality Management District (SCAQMD), the Sacramento Metropolitan Air Quality Management District (SMAQMD), and the Bay Area Air Quality Management District. Similarly, the daily threshold for $PM_{2.5}$ was developed based on the SDAPCD PM_{10} standard and the U.S. EPA's General Conformity rule. The air quality impact screening levels used in this analysis are shown in Table 4.

TABLE 4
AIR QUALITY IMPACT SCREENING LEVELS

Pollutant	Emission Rate Pounds/Day
NO_X	250
SO_X	250
CO	550
PM_{10}	100
ROG	250[1]
$PM_{2.5}$	100[2]

SOURCE: SDAPCD, Rule 20.2 (12/17/1998); City of San Diego 2011.
[1]ROG threshold based on federal General Conformity *de minimis* levels for O_3 precursors.
[2]$PM_{2.5}$ threshold based on federal General Conformity *de minimis* levels for PM_{10} and $PM_{2.5}$ non-attainment areas.

3.2 Evaluation of Air Toxic Emissions

The SDAPCD does not specify thresholds for evaluating CEQA projects or for projects that do not require an APCD permit to operate (e.g., non-stationary sources). In general, for permitted projects the SDAPCD does not identify a significant impact if the potential health risks from the proposed project would not exceed the health risk public notification thresholds specified by SDAPCD Rule 1210. The public notification thresholds are:

i. Maximum incremental cancer risks equal to or greater than 10 in one million, or

ii. Cancer burden equal to or greater than 1.0, or

iii. Total acute non-cancer health hazard index equal to or greater than 1.0, or

iv. Total chronic non-cancer health hazard index equal to or greater than 1.0.

Therefore, for the purposes of evaluating the potential health risks associated with the air toxics addressed in this assessment, a significant impact would occur if the worst-case incremental cancer risk is greater than or equal to 10 in one million, or if the worst-case total acute or chronic health hazard index is greater than or equal to one.

3.3 City of San Diego

Based on a review of City Significance Determination Thresholds and guidance for other agencies, the City has determined the CPUs would result in a significant impact on air quality if either:

1. Conflicts or obstructs the implementation of the applicable air quality plan;
2. Results in a violation of any air quality standard or contributes substantially to an existing or projected air quality violation;
3. Exposes sensitive receptors to substantial pollutant concentrations, including toxins; or
4. Results in a substantial alteration of air movement in the area of the project.

4.0 Assessment Methodology

4.1 Construction-related Air Quality Effects

Construction-related activities are temporary, short-term sources of air emissions. Sources of construction-related air emissions include:

- Fugitive dust from grading activities;
- Construction equipment exhaust;
- Construction-related trips by workers, delivery trucks, and material-hauling trucks; and
- Construction-related power consumption.

Air pollutants generated by the construction of projects within the CPU areas would vary depending upon the number of projects occurring simultaneously and the size of each individual project. The exact number and timing of all development projects that could occur under the CPUs are unknown. However, since the areas are mostly developed, it can be assumed that these areas would experience relatively small projects in terms of land area, most of which would involve the demolition of existing structures and improvements.

To illustrate the range of potential construction-related air quality impacts from projects that could occur, two hypothetical projects were evaluated. The size and scope of these hypothetical projects was selected to reflect typical projects in heavily developed areas such as Southeastern San Diego and Encanto Neighborhoods. Hypothetical projects include a 1.8-acre multi-family residential project and a 65,000-square-foot light

industrial project. The 1.8-acre multi-family development is assumed to consist of the demolition of an existing 5,000-square-foot structure and the construction of a 29-unit multi-family structure. The light industrial development is assumed to consist of the demolition of an existing 5,000-square-foot structure and the construction of 65,000 square feet of industrial use.

4.1.1 Construction Modeling Assumptions

Air emissions were calculated using California Emissions Estimator Model (CalEEMod) 2013.2.2 (CAPCOA 2013). The CalEEMod program is a tool used to estimate air emissions resulting from land development projects in the state of California. The model generates emissions from two basics sources: construction sources and operational sources (i.e., area and mobile sources). CalEEMod can estimate the required construction equipment when project specific information is unavailable. The estimates are based on surveys performed by the SCAQMD and the SMAQMD of typical construction projects which provide a basis for scaling equipment needs and schedule with a project's size. Air emission estimates in CalEEMod are based on the duration of construction phases; construction equipment type, quantity, and usage; grading area; season; and ambient temperature, among other parameters.

As the CPUs do not specifically identify any projects, CalEEMod estimates were used to develop the construction scenarios. Where applicable, inputs were modified to reflect local ordinances and recent regulations. This analysis assumes that standard dust and emission control during grading operations would be implemented to reduce potential nuisance impacts and to ensure compliance with SDAPCD Rule 55.0, Fugitive Dust Control. An architectural coating ROG limit of 150 milligrams per liter (mg/L) was used for all interior coatings to reflect the requirements of SDAPCD, Rule 67. All exterior coatings were modeled with a ROG content of 250 mg/L.

4.2 Operation-related Air Quality Effects

Operation emissions are long term and include mobile and area sources. Sources of operational emissions include:

- Traffic generated by the project; and,
- Area source emissions from the use of natural gas, fireplaces, consumer products, architectural coatings, and landscaping equipment.

Air pollutants generated by land uses within the CPU areas were modeled based on average emissions from land use types. For the purposes of this analysis, it was assumed that the land use changes contained in the CPUs would be fully constructed in 2035. Actual emissions would vary depending on future projects and regulations within the CPUs.

4.2.1 Operation Modeling Assumptions

As with construction emissions, operation estimates were generated using CalEEMod. CalEEMod estimates vehicle emissions from the trip generation rate and trip length. Vehicle emissions are estimated by first calculating trip rate, trip length, trip purpose, and trip type percentages (e.g., home to work, home to shop, home to other) for each land use type.

4.2.1.1 Area Sources

CalEEMod estimates the emissions that would occur from the use of hearths (fireplaces), woodstoves, and landscaping equipment. Emissions due to use of consumer products and architectural coatings that have ROG content are also estimated. The use of hearths and woodstoves directly emits air pollutants from the combustion of natural gas, wood, or biomass. CalEEMod estimates emissions from hearths and woodstoves only for residential uses based on the type and size features of the residential land use inputs. By default, commercial land uses do not have any hearths or woodstoves in CalEEMod; hearths and woodstoves can be added for those cases where they may occur such as in restaurants or hotels if such information is known. For this analysis, the model defaults were assumed for the existing and future development.

Electricity consumption was modeled with reductions incorporated to account for the 2013 Title 24 standards. Proposed 2016 Title 24 standards were not modeled because they have not yet been adopted.

4.2.1.2 Mobile Sources

For air quality modeling purposes and to ensure consistency in evaluations, trip generation rates are based on the Institute of Transportation Engineers Trip Generation 8th Edition trip rates for each respective land use category, and trip lengths are based on the trip purpose and statewide averages.

The vehicle emission factors and fleet mix included in CalEEMod are derived from CARB's 2011 Emission Factor Model (EMFAC; State of California 2011). Vehicle emission factors include the effects from the implementation of some of the nation's toughest vehicle emissions standards as well as fuel formulation regulations.

4.2.2 Localized Carbon Monoxide Impacts

Localized CO concentration is a direct function of motor vehicle activity at signalized intersections (e.g., idling time and traffic flow conditions), particularly during peak commute hours and meteorological conditions. Under specific meteorological conditions (e.g., stable conditions that result in poor dispersion), CO concentrations may reach

unhealthy levels with respect to local sensitive land uses. Guidance for the evaluation of CO hot spots is provided in the *Transportation Project-Level Carbon Monoxide Protocol* (CO protocol) (University of California, Davis 1997) prepared for the Environmental Program of the California Department of Transportation by the Institute of Transportation Studies, University of California Davis.

The SDAB is a CO maintenance area under the federal CAA. This means that SDAB was previously a non-attainment area and is currently implementing a 10-year plan for continuing to meet and maintain air quality standards. According to the CO Protocol, in maintenance areas, only projects that are likely to worsen air quality necessitate further analysis. The CO Protocol indicates projects may worsen air quality if they worsen traffic flow, defined as increasing average delay at signalized intersections operating at level of service (LOS) E or F or causing an intersection that would operate at LOS D or better without the project, to operate at LOS E or F. Unsignalized intersections are not evaluated as they are typically signalized as volumes increase and delays increase, and traffic volumes at unsignalized intersections are typically much lower than at signalized intersections.

Based on traffic studies for the CPUs, the following 14 intersections are anticipated to operate at LOS E or worse under buildout of the CPUs:

Southeastern San Diego

- 19th Street/I-5 NB Off-Ramp/J Street – LOS E during PM Peak Hour
- I-5 SB Off-Ramp/Beardsley Street/Logan Avenue – LOS E during PM Peak Hour
- Broadway/SR-94 WB Ramps – LOS E during AM Peak Hour
- I-15 Ramps/Main Street – LOS E during PM Peak Hour
- I-5 SB Off-Ramp/Yama Street/Main Street – LOS F during PM Peak Hour
- I-5 NB Ramps/Osborn Street – LOS E during AM Peak Hour
- 40th Street/Imperial Avenue – LOS E during PM Peak Hour
- 47th Street/I-805 SB Ramps – LOS E during PM Peak Hour

Encanto Neighborhoods

- 47th Street/Market Street (AM: LOS E, PM: LOS F)
- 47th Street/I-805 SB Ramps (PM: LOS E)
- Euclid Avenue/Market Street (AM: LOS E, PM: LOS F)
- Euclid Avenue/Imperial Avenue (PM: LOS E)
- Euclid Avenue/Olvera Avenue (AM: LOS E, PM: LOS E)
- Woodman Street/Skyline Drive (AM: LOS E)

According to the protocol, the three worst intersections would require detailed modeling with CALINE4 in order to determine if the CO emissions exceeded the thresholds. If one of the intersections fail then the next worse intersection would be modeled until it is determined that all remaining intersections would not exceed the national or California

AAQS. The three worst intersections in each planning area were chosen based on traffic volumes, delay, and intersection configuration. Based on a review of these intersections, the following six intersections are included in the detailed modeling:

- I-5 SB Off-Ramp/Yama Street/Main Street – LOS F during PM Peak Hour
- 40th Street/Imperial Avenue – LOS E during PM Peak Hour
- 47th Street/Market Street – AM: LOS E, PM: LOS F
- 47th Street/I-805 SB Ramps – LOS E during PM Peak Hour
- Euclid Avenue/Market Street – AM: LOS E, PM: LOS F
- Euclid Avenue/Olvera Avenue – AM: LOS E, PM: LOS E

The detailed modeling is based on the 2035 peak hour (AM and PM) traffic volumes and 2035 emission factors from EMFAC2014 for 5 miles per hour (mph) for traffic approaching an intersection and 10 mph for departing traffic. The 1-hour background concentration of CO for the area, 2.7 parts per million (ppm), was included in the model. This ambient concentration is considered conservative as it was the highest recorded hourly concentration over the past five years at the Beardsley Air Quality Monitoring Station. This concentration was assumed for all intersections. The average regional temperature of 64 degrees Fahrenheit (°F) was included in the model as reported by the Western Regional Climate Center data for San Diego International Airport. For a worst case meteorological setting the wind angle assumes all wind is blowing at each receptor, the mixing height of pollutants is set at 1,000 feet with a stable atmosphere.

4.3 Health Risk Analysis

4.3.1 Evaluation of Mobile Source Air Toxic Emissions

Diesel particulate matter has been identified as an air toxic of concern. Vehicles (primarily heavy-duty trucks) emit diesel particulates through the combustion of diesel fuel. An assessment of the potential health risks associated with the anticipated diesel particulate emissions was performed for receivers in the CPU areas. A significant impact may occur if the potential health risk from the CPUs exceeds the health risk public notification thresholds specified by SDAPCD Rule 1210.

For the purposes of evaluating the potential health risks associated with the air toxics addressed in this assessment, a significant impact would occur if the worst-case incremental cancer risk is greater than or equal to 10 in one million, or if the worst-case total acute or chronic health hazard index is greater than or equal to one. This analysis assesses direct impacts to receivers within the CPU areas resulting from diesel particulate matter (DPM) emissions from vehicular traffic.

Due to traffic volumes, the analysis focuses on emissions from vehicle traffic on freeways (I-5, I-805, SR-15, and SR-94). There are four basic steps to analyzing

impacts: hazard identification, dose-response assessment, exposure assessment, and characterization of the risk.

4.3.2 Diesel Emission Impacts

OEHHA Methodology

The exposure and risk assessment methodology used in this analysis follows the Office of Environmental Health Hazard Assessment (OEHHA) Risk Assessment Guidelines (State of California 2003a), with supplemental guidance from the SDAPCD (County of San Diego 2006) and the SMAQMD (SMAQMD 2011).

Carcinogenic health risk is determined by calculating the lifetime average daily dose based on several exposure assumptions, some of which are:

- Residency time at the receiver point
- Daily respiration rate
- Average body weight
- Pollutant concentration for each medium (air, water, soil, etc.)
- Ingestion rate of contaminated soil (oral exposure only)
- Ingestion rate of contaminated water (oral exposure only)
- Ingestion rate of contaminated food products (oral exposure only)

The dose calculations use the conservative exposure assumptions as recommended by OEHHA. Once the exposure dose has been determined, the carcinogenic health risk is calculated by applying the compound's potency risk factor (PF). Total risk at a receiver is then determined by summing the pathway risks for each compound and then totaling the individual compound risks.

Potential non-carcinogenic health effects are evaluated by dividing each compound's modeled concentrations at each receiver by the reference exposure level (REL) to calculate an individual substance "hazard quotient." Overall, potential non-carcinogenic health effects at each receiver, for each toxicological endpoint, are then determined by taking the sum of the individual hazard quotients of each compound that impacts an endpoint to calculate the total endpoint hazard index.

The pollutant toxicity/carcinogenicity data used in this assessment are shown in Table 5. As indicated previously, air exposure is the only pathway considered in this analysis. For both carcinogenic and non-carcinogenic effects, the projected risks are reported for the point of maximum impact (PMI), the maximally exposed individual resident (MEIR), and the maximally exposed individual worker (MEIW).

TABLE 5
DIESEL PARTICULATE MATTER RISK DATA

Substance	Acute Inhalation ($\mu g/m^3$)	8-hour Inhalation ($\mu g/m^3$)	Chronic Inhalation ($\mu g/m^3$)	Chronic Oral (mg/kg-d)	Inhalation Unit Risk $(\mu g/m^3)^{-1}$	Inhalation Cancer Potency Factor $(mg/kg\text{-}d)^{-1}$	Oral Slope Factor $(mg/kg\text{-}d)^{-1}$
Diesel Particulate	--	--	5.0E + 00	--	3.0E – 04	1.1E + 00	--

Generally, health risk assessments evaluate the potential effects on the surrounding community due to operation of the facility under consideration. The PMI is defined as the receiver point(s) with the highest acute, chronic, or cancer health impacts outside of the facility boundary (defined as the property line). The MEIR is defined as the existing off-site residence(s) (e.g., house or apartment) with the highest acute, chronic, or cancer health impacts. The MEIW is defined as the highest acute, chronic, or cancer health impacts at an existing workplace off-site.

This assessment is not an evaluation of the potential effects associated with placing a polluting facility near sensitive uses. Rather, it is an evaluation of the potential effects associated with placing sensitive land uses in the vicinity of existing sources of air pollution. Therefore, this assessment discloses the maximum potential health risks (residential and worker) within the CPU areas due to these existing external sources. As the purpose of CEQA is to protect the environment from impacts due to a project, the health risks evaluated here are primarily to inform the planning process and policies of the CPUs. In addition, acute health effects have not been associated with diesel particulate emissions. Therefore, this assessment only considers carcinogenic and chronic non-carcinogenic effects.

Carcinogenic Risk

Carcinogenic risk characterization estimates the probability that cancer will occur in an individual in a potentially exposed population. For the inhalation pathway, the exposure point inhalation dose ($D_{OSE\text{-}INH}$) of a toxic substance (in milligrams of dose per kilogram of body weight each day [mg/kg BW-day]) is multiplied by the cancer PF for that substance (in $[mg/kg\ BW\text{-}day]^{-1}$) to estimate the individual excess (incremental) cancer risk.

individual excess cancer risk = $D_{OSE\text{-}INH}$ (mg/kgBW-day) x PF $(mg/kgBW\text{-}day)^{-1}$

The inhalation dose was calculated following the OEHHA guidance using the following equation (State of California 2003a):

$$D_{OSD-INH} = \frac{C_{AIR} * \{DBR\} * A * EF * ED * 10^{-6}}{AT}$$

where:

$D_{OSD\text{-}INH}$ = Dose through inhalation (mg/kg BW-day)

10^{-6} = Micrograms to milligrams conversion, liters to cubic meters conversion

C_{AIR} = Concentration in air ($\mu g/m^3$)

{DBR} = Daily breathing rate $\left(\frac{L}{kg\ body\ weight - day}\right)$

A = Inhalation absorption factor

EF = Exposure frequency (days/year)

ED = Exposure duration (years)

AT = Averaging time period over which exposure is averaged, in days (e.g., 25,550 for 70 year cancer risk)

The average annual concentration of diesel particulates in the planning areas was calculated using air dispersion models as discussed in the following sections. The recommended defaults were used for the other parameters as shown below (State of California 2003a):

EF = 350 days/year

ED = 70 years

AT = 25,550

A = 1

with the values for the daily breathing rate as shown in Table 6 (State of California 2003a, 2003b, 2008).

TABLE 6
POINT ESTIMATES FOR DAILY BREATHING RATE
FOR 9-, 30-, AND 70-YEAR EXPOSURE DURATIONS (DBR)
(L per kg body weight [BW] per day)

9-year Breathing Rates		30 & 70-year Residential Breathing Rates			Off-site Worker Breathing Rate[1]
Average	High End	Average (65th percentile)	80th Percentile	High End (95th percentile)	(Single Value)
452	581	271	302	393	149

[1] This value corresponds to a 70 kg worker breathing 1.3 m^3/hour for an eight-hour day. 1.3 m^3/hr is the breathing rate recommended by the U.S. EPA (U.S. EPA 1997; State of California 2003a) as an hourly average for outdoor workers.

Nine- and 30-year exposure durations are representative of typical residency periods for adults. Additionally, the parameters used for 9-year exposure scenarios are for the first 9 years of life, and are thus protective of children. However, to be consistent with

OEHHA Risk Assessment Guidelines this assessment is based on the 70-year lifetime exposure duration. Further, while the breathing rates of children are greater than that of adults as indicated by the 9-year exposure duration DBR values in Table 6, the 70-year lifetime exposure risk represents the greatest risk overall. As such, this assessment evaluates adverse impacts based on the 70-year cancer risk. As seen in Table 6, there are three values given for the 70-year exposure daily breathing rate. These values are the mean (65th percentile), 80th percentile, and high-end (95th percentile) breathing rates used to estimate the range of risk. The health risk assessment (HRA) guidance recommends that "where a single cancer risk value (rather than a range of risk) is needed or prudent for characterizing risk or where a single risk value is used for (cancer) risk management decision-making for residential receptors the risk can be based on the 80th percentile exposure rate (State of California 2003a, 2003b). Therefore, the discussion of residential incremental cancer risk in this assessment focuses on risks associated with the 80th percentile breathing rate.

The 70-year lifetime exposure is used to evaluate potential risks to residential areas. However, potential risks to commercial areas are more accurately reflected by worker exposure. In general, it is assumed that workers in the vicinity of heavily traveled roadways would be exposed 8 hours per day, 5 days per week, 49 weeks per year, for 40 years (State of California 2003a; County of San Diego 2006). As indicated in Table 7, a worker breathing rate is estimated at 149 liters per kilogram (L/kg) BW—day for an 8-hour workday as adjusted for the 70 year exposure duration. With these exposure adjustments, the adjustment factors shown in Table 7 were applied to the 70-year residential inhalation excess cancer risk estimates to obtain the worker inhalation incremental cancer risk estimate.

TABLE 7
ADJUSTMENT FACTORS TO CONVERT INHALATION-BASED CANCER RISK ESTIMATES FOR A RESIDENTIAL RECEIVER AND A WORKER RECEIVER

Worker Receiver Type (Hours/Days/Weeks/Years)	Facility Operating Schedule (Hours/Days/Weeks/Years)	Adjustment Factor	
		(High End)*	(Average)*
8/5/49/40	Continuous (24/7/52/70)	0.1516	0.2199
8/5/49/40	Standard (8/5/52/70)	0.6366	0.9234

*High end adjustment factors convert the residential receiver risk based on the high-end breathing rate point-estimate to a worker receiver risk. Average adjustment factors convert the residential receiver risk based on the average breathing rate point-estimate to a worker receiver risk.
(Note: there is no equivalent worker reduction for evaluating chronic risk). The surrounding sources were treated as continuous operations.

Using the information above, the factors shown in Table 8 were developed that were then multiplied by the modeled average annual diesel particulate matter concentrations in order to calculate the risk at each receiver in incremental cancers per million.

TABLE 8
INCREMENTAL CANCER RISK DIESEL PARTICULATE MATTER CONCENTRATION MULTIPLICATION FACTORS ($\mu g/m^3$)

30- and 70-year Exposure Duration			Off-site Worker
Average (65^{th} percentile)	80^{th} Percentile	High End (95^{th} percentile)	(Single Value)
285.85	318.55	414.53	62.86

At each modeled receiver, the total lifetime incremental cancer risk is calculated by summing the cancer risks from all substances analyzed (in this case only diesel particulates). The incremental cancer risk is the likelihood (above the background cancer rate in the general population) that an individual will develop cancer during his or her lifetime as a result of exposure to a substance. The incremental cancer risk is expressed as a probability. For example, a risk of 10 in 1,000,000 (1×10^6) means that, within an exposed population subject to the assumptions presented in the exposure assessment section, 10 additional individuals in one million would be expected to develop cancer during his or her lifetime. In other words, an individual would have an increased risk of 1 in 100,000 of getting cancer in their lifetime.

Chronic Non-carcinogenic Health Effects

Chronic (long-term) non-carcinogenic risk characterization is performed by comparing the estimated annual air concentration of the substance (C_{ANN}) with an REL. For each substance, the average annual concentration is divided by the REL to determine a chronic hazard quotient.

$$\text{chronic hazard quotient} = \frac{C_{ANN}\left(\mu g/m^3\right)}{REL\left(\mu g/m^3\right)}$$

The hazard index, which provides a measure of total potential chronic non-carcinogenic health effects, is calculated for each receiver by summing the hazard quotients for all individual substances that impact the same toxicological endpoint. Again, for this study only inhalation of diesel particulate matter is considered. According to general risk policy, when an individual hazard quotient is less than or equal to one, the chronic REL has not been exceeded and no adverse chronic non-carcinogenic health effects are expected from that substance. Similarly, if the hazard index is greater than one, chronic non-carcinogenic effects resulting from exposure to the substances emitted may be possible.

4.3.3 Health Risk Modeling

This modeling assesses air quality concentrations at various land uses near I-5, I-15, I-805, and SR-94 (refer to Figures 3a and 3b). Potential incremental cancer risks and chronic health hazard indices are modeled from exposure to diesel particulates produced by vehicles on the freeways.

4.3.3.1 Emission Factors

The calculation first involves generation of diesel particulate composite emission factors for the vehicle fleet on the freeways using the EMFAC2014 program (State of California 2014). Diesel particulate emissions were assumed to be equal to the PM_{10} exhaust emissions from diesel-powered vehicles. Emission factors were calculated for annual average conditions of 64°F and 70 percent humidity. Other default parameters provided by the model for the SDAB were used in the calculation of individual emission factors for each type of vehicle in the fleet.

According to EMFAC2014 output data, diesel-emitting vehicles will comprise 3.97 percent of the total vehicle fleet in SDAB in 2035, and be responsible for 6.66 percent of all vehicle miles travelled. Using the projected aggregate vehicle emission factors in 2035, a diesel particulate matter emission rate was then generated.

The average traffic speed for heavy diesel-powered trucks on I-5, I-15, I-805, and SR-94 was assumed to be 55 mph. The resulting composite emission factor from all diesel vehicles was calculated as 0.003077 g/second. This emission factor was weighted to create an emissions factor per second for each freeway segment based on the percentage of truck traffic to the total average daily traffic (ADT) in each segment. The EMFAC2014 output is contained in Attachment 1.

The emission factors were then applied to each freeway segment and the resulting emissions were modeled using the AERMOD dispersion model (State of California 1989). The AERMOD model results in predicted concentrations of diesel particulates at modeled locations throughout the community. It is a line source dispersion model that does not specifically address topographic variability or intervening structures (e.g., flat site topography was assumed).

Future traffic volumes were obtained from the Traffic Impact Analysis prepared for the CPUs (Chen Ryan 2014a, 2014b). The buildout freeway traffic volume is shown in Table 9.

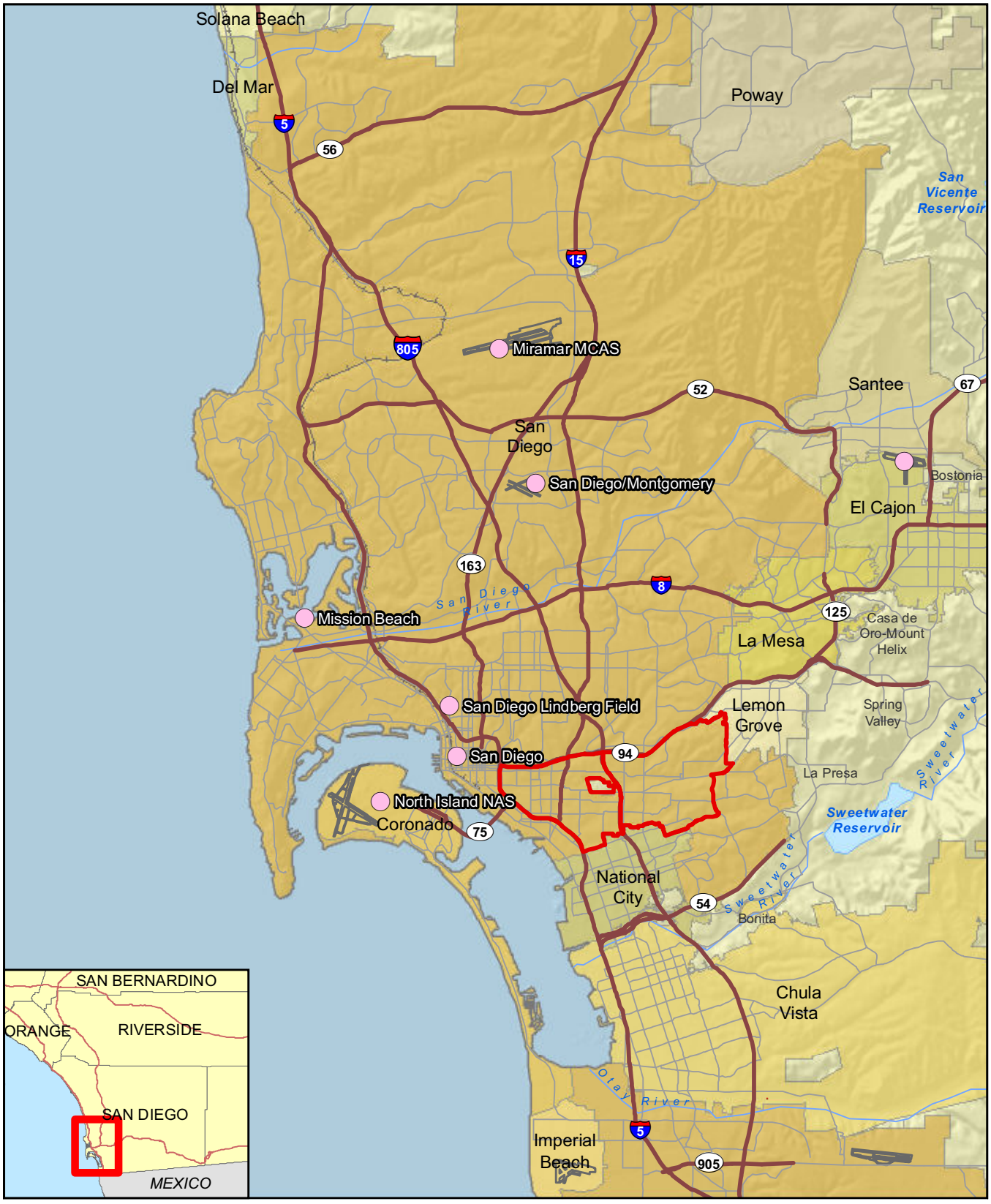
TABLE 9
MODELED TRAFFIC VOLUMES

Freeway	Segment	2035 ADT
I-5	17th St. & SR-94	253,700
	SR-94 & Imperial Avenue	252,000
	Imperial Ave. & SR-75	234,600
	SR-75 & 28th Street	244,900
	28th Street & I-15	226,500
	I-15 & Main Street	299,200
I-15	I-805 & SR-94	141,100
	SR-94 & Market Street	138,400
	Market Street & Ocean View Boulevard	150,400
	Ocean View Boulevard & I-5	142,000
	I-5 & Norman Scott Road	35,100
I-805	Home Avenue & SR-94	288,800
	SR-94 & Market Street	281,700
	Market Street & Imperial Avenue	356,700
	Imperial Ave. & 43rd Street	349,000
	43rd Street & Plaza Boulevard	342,800
SR-94	17th Street & 25th Street	203,100
	25th Street & 28th Street	219,000
	28th Street & 30th Street	245,800
	30th Street & I-15	253,600
	I-15 & Home Avenue	216,600
	Home Avenue & I-805	220,600
	I-805 & 47th Street	306,400
	47th Street & Euclid Avenue	306,700
	Euclid Avenue & Kelton Road	279,300
	Kelton Road & Federal Boulevard	278,100
	Federal Boulevard & College Grove Way	241,700
	College Grove Way & College Avenue	247,200

4.3.3.2 Meteorological Data

The AERMOD model uses a file of surface boundary layer parameters (surface data) and a file of atmospheric profile variables including wind speed, wind direction, and turbulence parameters (upper air data). Upper air data are generally collected at fewer stations than surface data as upper air data are less influenced by local surface features. The Guideline (40 Code of Federal Regulations [CFR] 51 Appendix W § 8.3.1.2) specifies that generally five sequential years of data should be used in the risk assessment.

The National Weather Service (NWS) station nearest the project site that collects upper air data is at the Marine Corps Air Station (MCAS) Miramar. It was determined that the NWS station nearest the project site for which good quality surface data were available is the Lindbergh Field station (Hammer, pers. com. 2011). Figure 4 shows the proximity of these stations to the CPU areas. Processed data, suitable for use in AERMOD, for the years 2006 through 2010 (the most recent years with consistent data available) were obtained for the MCAS Miramar and Lindbergh Field stations from Trinity Consultants,



RECON

M:\JOBS4\6514\common_gis\fig4_air.mxd 1/29/2015 sab

FIGURE 4

Meteorological Data Stations

Inc. A wind rose of the surface data was created using the WRPLOT View software from Lakes Environmental Software (2011) for this 5-year period and is shown in Figure 5. The processed surface data obtained from Trinity Consultants were developed using 1-minute Automated Surface Observing System wind data and version 11059 of the AERMOD Meteorological Preprocessor program (U.S. EPA 2004a, 2011).

4.3.3.3 Urban/Rural Dispersion Coefficients

The AERMOD model has the ability to incorporate the effects of increased surface heating from urban areas on pollutant dispersion under stable atmospheric conditions. The decision whether to use urban or rural dispersion coefficients is determined using the U.S. EPA's Guideline.

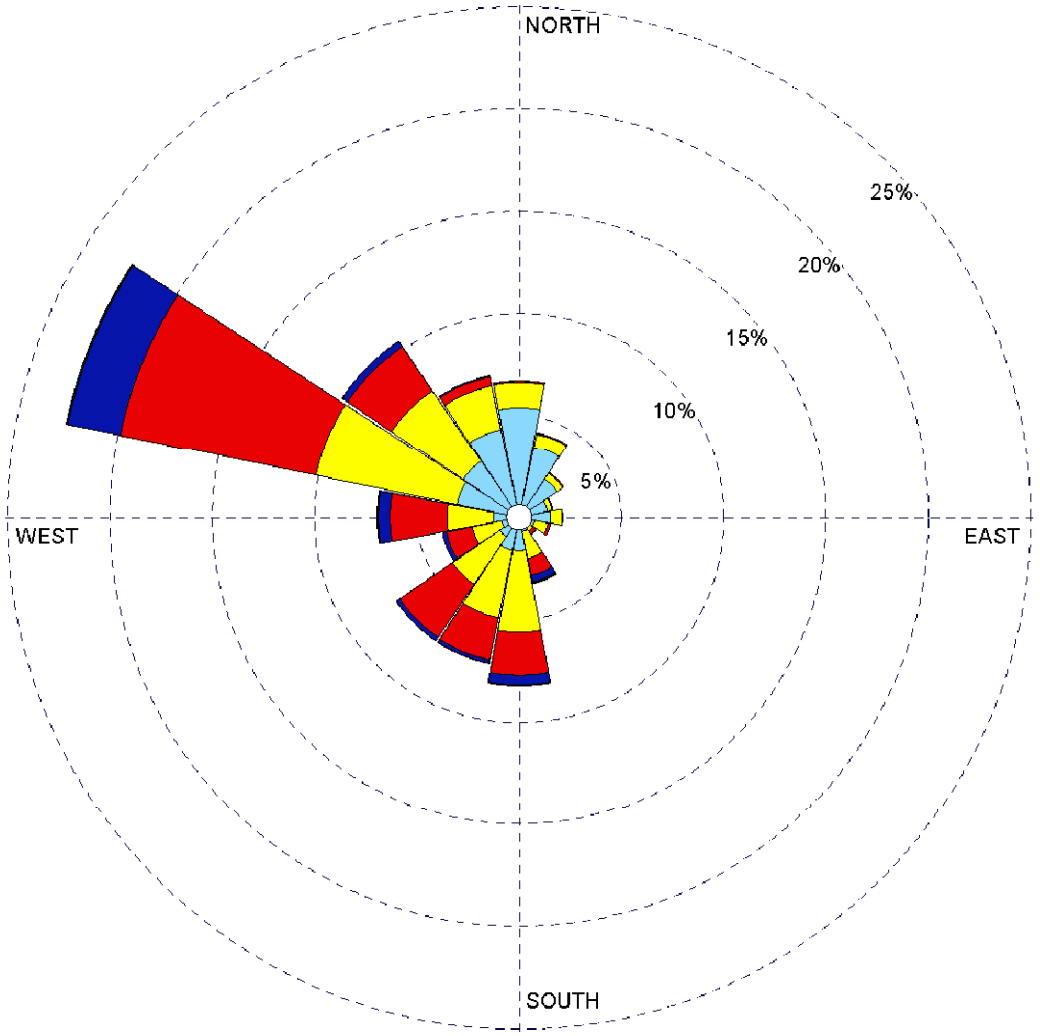
Per the Guideline (40 CFR 51 Appendix W § 7.2.3):

> b. The selection of either rural or urban dispersion coefficients in a specific application should follow one of the procedures suggested by Irwin (1978) and briefly described in paragraphs (c)–(f) of this subsection. These include a land use classification procedure or a population based procedure to determine whether the character of an area is primarily urban or rural.
>
> c. Land Use Procedure: (1) Classify the land use within the total area, A_O, circumscribed by a 3 km radius circle about the source using the meteorological land use typing scheme proposed by Auer (1978); (2) if land use types I1, I2, C1, R2, and R3 account for 50 percent or more of A_O, use urban dispersion coefficients; otherwise, use appropriate rural dispersion coefficients.
>
> d. Population Density Procedure: (1) Compute the average population density, $\bar{p}$ per square kilometer with A_O as defined above; (2) If $\bar{p}$ is greater than 750 people/km^2, use urban dispersion coefficients; otherwise use appropriate rural dispersion coefficients.
>
> e. Of the two methods, the land use procedure is considered more definitive. Population density should be used with caution and should not be applied to highly industrialized areas where the population density may be low and thus a rural classification would be indicated, but the area is sufficiently built-up so that the urban land use criteria would be satisfied. In this case, the classification should already be ''urban'' and urban dispersion parameters should be used.

Data Source: WRPLOT View - Lakes Environmental Software

WIND ROSE PLOT:
Station #23188
SAN DIEGO/LINDBERGH FIELD

DISPLAY:
Wind Speed
Direction (blowing from)



WIND SPEED
(Knots)

17 - 21
11 - 17
7 - 11
4 - 7
1 - 4

Calms: 3.18%

Path: M:\JOBS4\6514\common_gis\fig5_air.mxd

FIGURE 5

Surface Wind Rose for
Lindbergh Field 2006 to 2010

RECON

M:\JOBS4\6514\common_gis\fig5_air.mxd 1/29/2015 sab

f. Sources located in an area defined as urban should be modeled using urban dispersion parameters. Sources located in areas defined as rural should be modeled using the rural dispersion parameters. For analyses of whole urban complexes, the entire area should be modeled as an urban region if most of the sources are located in areas classified as urban.

As seen in Figures 2a and 2b, the area in and around the CPU areas is generally urban in character.

Population data by census block group for the area were obtained from SanGIS (2010 [the most recent detailed census block data available at the time of this analysis]). As the project is a large planning area with several types of land uses, rather than a single facility, each CPU area was an adequate sample area for determining the dispersion coefficient. Figures 6a and 6b show the census block groups that are within each CPU boundary. Population data for partial census block groups are not available. Therefore, in Figures 6a and 6b, census block groups are distinguished between those entirely contained within the CPUs and those that are partially contained within the CPUs. Using just those census blocks that are entirely within the CPUs results in a calculated population density of approximately 4,840 people/km^2 in the Southeastern San Diego CPU area and 3,071 people/km^2 in the Encanto Neighborhoods CPU area. Therefore, as both CPU areas exceed the 750 people/km^2, the use of urban dispersion coefficients is appropriate.

4.3.3.4 Source Configuration

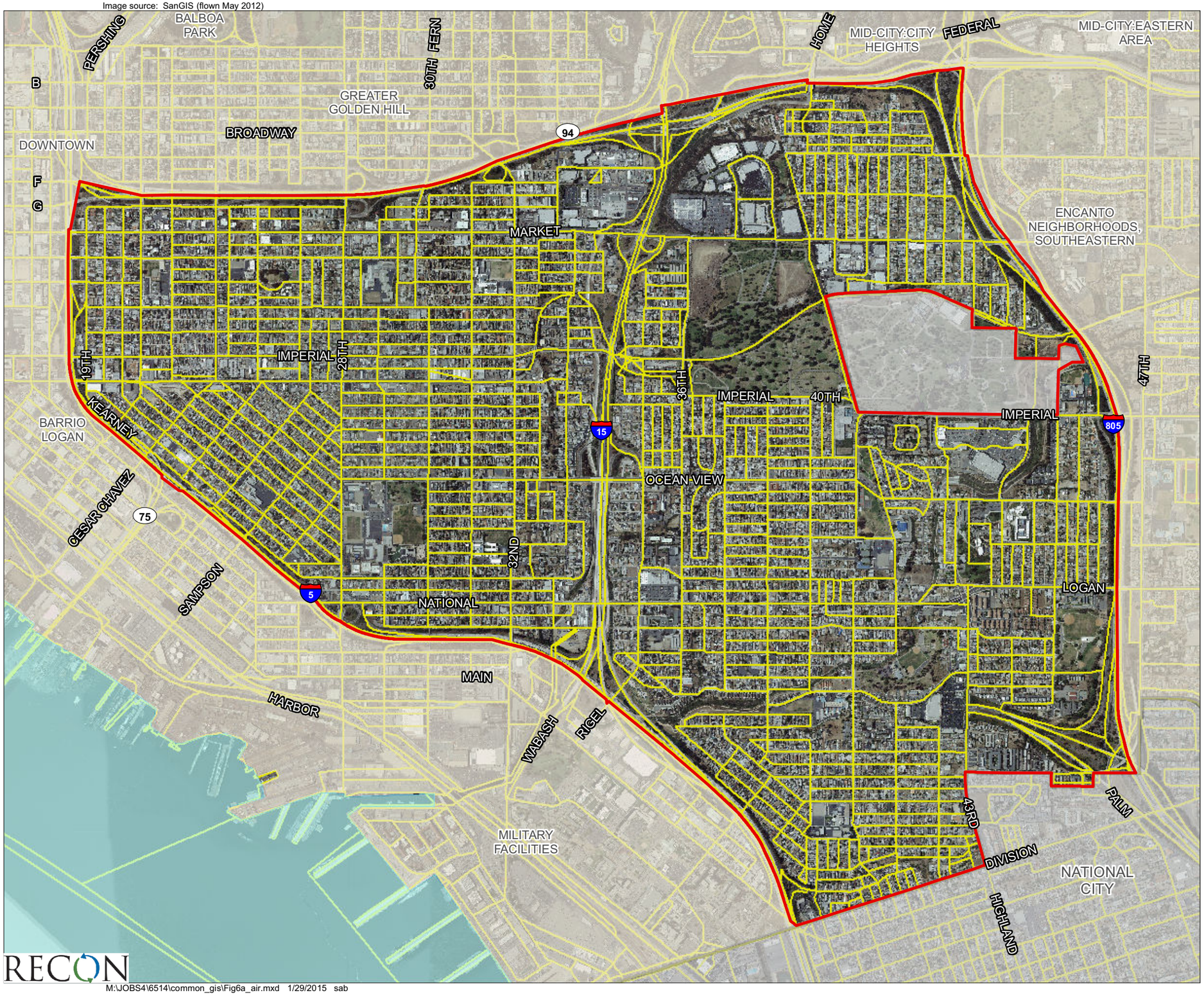
Given the relatively large size and complexity of the study, the roadways were represented by adjacent volume sources as described in the AERMOD and Industrial Source Complex User's Guides (U.S. EPA 2004b and 1995a). The length of the sides of each volume source was set equal to the combined width of the roadway lines plus three meters. This results in a width of approximately 50 meters for freeway segments.

When modeling volume sources, AERMOD does not calculate the initial plume rise due to momentum and buoyancy effects. Therefore, the initial release height for the moving exhaust plume was adjusted to account for the initial momentum and buoyancy plume rise (U.S. EPA 1995b). The plume release height was taken to be three times the initial height of the exhaust stack, 4.3 meters, above the ground, or approximately 12.8 meters.

4.3.3.5 Receivers

Pollutant concentrations were modeled at a series of grid receivers throughout the CPU areas. For this assessment, USGS topography was used to develop a terrain profile. Receivers were assumed to be at a height of 5 feet above ground level.

Image source: SanGIS (flown May 2012)



Southeastern San Diego Community Plan Boundary

Census Blocks

0 Feet 1,500

RECON

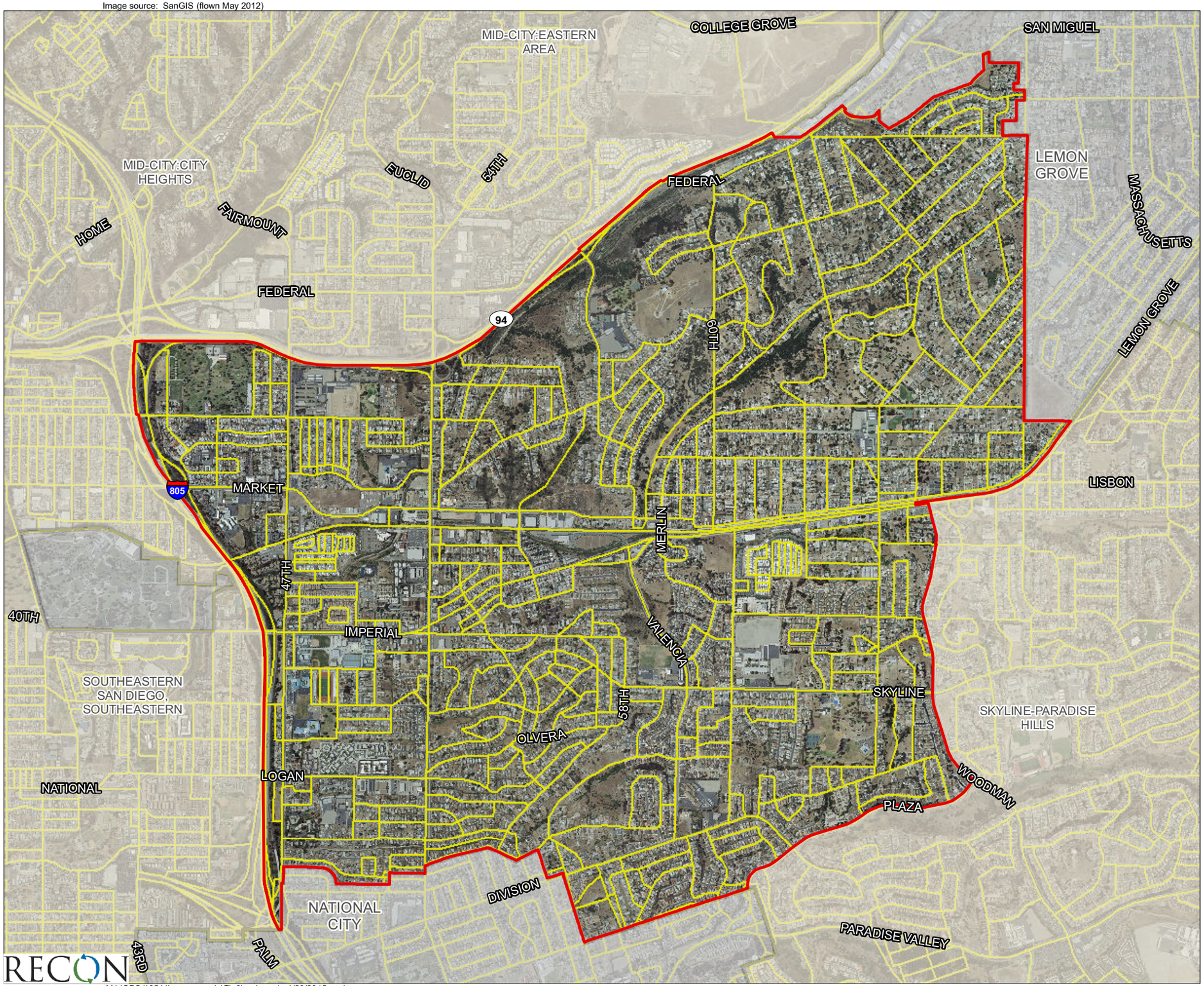
M:\JOBS4\6514\common_gis\Fig6a_air.mxd 1/29/2015 sab

FIGURE 6a

Southeastern San Diego Census Blocks

THIS PAGE IS INTENTIONALLY BLANK.

Image source: SanGIS (flown May 2012)



Encanto Neighborhoods Community Plan Boundary

Census Blocks

0 Feet 1,800

RECON

M:\JOBS4\6514\common_gis\Fig6b_air.mxd 1/29/2015 sab

FIGURE 6b

Encanto Neighborhoods Census Blocks

THIS PAGE IS INTENTIONALLY BLANK.

5.0 Air Quality Assessment

Air quality impacts can result from the construction and operation of a project. Construction impacts are short term and result from fugitive dust, equipment exhaust, and indirect effects associated with construction workers and deliveries. Operational impacts can occur on two levels: regional impacts or local hot-spot effects stemming from sensitive receivers being placed close to highly congested roadways or other stationary sources. In the case of the CPUs, operational impacts may occur from mobile sources, associated with the vehicular travel along the roadways within the project area or increases in area sources, such as consumer products or residential wood-burning wood stoves or hearths.

5.1 Consistency with Regional Plans

As described above, the California Clean Air Act requires areas that are designated nonattainment of state ambient air quality standards for criteria pollutants to prepare and implement plans to attain the standards by the earliest practicable date. The RAQS, in conjunction with the TCM, were most recently adopted in 2009 as the air quality plan for the region. The two pollutants addressed in the RAQS are ROG and NOx, which are precursors to the formation of ozone. The criteria pollutant emission projections used to develop the RAQS are based on population and vehicle trends as projected by SANDAG, and planned land use established in adopted community and general plans. As such, projects that propose development that is consistent with the growth anticipated by the Adopted Community Plan would be consistent with the RAQS. In the event that a project would propose development which is less dense than anticipated by the growth projections, the project would likewise be consistent with the RAQS. In the event a project proposes development that is greater than anticipated in the growth projections, further analysis would be warranted to determine if the proposed project would exceed the growth projections used in the RAQS. Amending the Adopted Community Plan to change development potential would not necessarily result in an inconsistency between the current air quality plans and the CPUs as the focus of the RAQS is focused on emissions from the sources, not the actual land use. The consistency with the RAQS is evaluated by comparing emissions that would occur under

buildout of the Adopted Community Plan to the emissions that would occur under buildout of the CPUs.

Southeastern San Diego

As detailed below, total emissions under the Southeastern San Diego CPU are projected to be less than total emissions under the Adopted Community Plan for all pollutants except for ROG. Therefore, emissions of ROG would be greater than what is accounted for in the RAQS. Thus, the Southeastern San Diego CPU would conflict with

implementation of the RAQS, and could have a potentially significant impact on regional air quality.

Encanto Neighborhoods

As detailed below, total emissions under the Encanto Neighborhoods CPU are projected to be greater than total emissions under the Adopted Community Plan for ROG, NO_x, and CO. Therefore, emissions of ROG, NO_x, and CO would be greater than what is accounted for in the RAQS. Thus, the Encanto CPU would conflict with implementation of the RAQS, and could have a potentially significant impact on regional air quality.

5.2 Criteria Pollutants

5.2.1 Construction Source Emissions

A summary of modeling results from a hypothetical 1.8-acre multi-family residential project and a 65,000-square-foot light industrial project are shown in Table 10. CalEEMod output is contained in Attachment 2. Emission factors are not available for lead, and consequently, lead emissions are not calculated. The SDAB is currently in attainment of the state and federal lead standards. Furthermore, fuel used in construction equipment and most other vehicles is not leaded.

TABLE 10
SAMPLE DAILY CONSTRUCTION EMISSIONS
(pounds/day)

Project Type	ROG	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Residential Project	55	30	23	0	4	3
Industrial Project	91	33	23	0	11	5
Threshold	250	250	550	250	100	100

SOURCE: CalEEMod 2013.2.2

Note that the emissions summarized in Table 10 are the maximum emissions for each pollutant and that they may occur during different phases of construction. They would not necessarily occur simultaneously. These are, therefore, the worst-case emissions. As shown, the hypothetical individual projects are not expected to result in air emissions that exceed the applicable thresholds. However, if several of these projects were to occur simultaneously, there is the potential to exceed significance thresholds.

The projects discussed above are illustrative only. Approval of the CPUs would not permit the construction of any individual project, and no specific development details are available at this time. The thresholds presented above are applied on a project-by-project basis and are not used for assessment of regional planning impacts. The information is presented to illustrate the potential scope of air impacts for projects that

could be reviewed under the plans. Additionally, the regulations at the federal, state, and local level provide a framework for developing project-level air quality protection measures for future discretionary projects. The City's process for the evaluation of discretionary projects also includes environmental review and documentation pursuant to CEQA as well as an analysis of those projects for consistency with the goals, policies and recommendations of the General Plan. In general, implementation of the policies in the CPUs and General Plan would preclude or reduce air quality impacts.

However, it is possible that for certain projects, adherence to the regulations may not adequately protect air quality, and such projects would require additional measures to avoid or reduce significant air quality impacts. While it is not anticipated that construction activities associated with individual projects under the CPUs would result in a significant direct air quality impact, due to the lack of project-specific details as part of this program-level analysis, all future projects developed under the CPUs would be required to implement Mitigation Measure AQ-1. With the implementation of Mitigation Measure AQ-1, construction impacts would be less than significant. If a project cannot comply with the requirements of Mitigation Measure AQ-1, project-specific air quality studies would be required for these projects within the CPUs.

The SDAB is not in attainment for O_3, PM_{10}, and $PM_{2.5}$. There is the potential for future projects that would conform to the CPUs to contribute to cumulatively considerable emissions should multiple projects be implemented simultaneously. Should multiple projects be initiated in any given year, the potential exists that the construction of those projects would result in a cumulatively considerable increase in criteria air pollutant emissions.

5.2.2 Operation Source Emissions

5.2.2.1 Land Use Assumptions

The analysis of air quality impacts is based on the compliance with or exceedance of established thresholds for criteria pollutants as well as consistency with state and regional plans redeveloped to reduce emissions. The applicable regional air quality plans in the SDAB are the SDAPCD RAQS and the SIP. The SIP includes strategies and tactics to be used to attain and maintain acceptable air quality in the whole state based on a basin-by-basin plan. These strategies include establishing annual air emission budgets for the area. In the SDAB, this list of strategies is contained in the RAQS. The Rules and Regulations for the SDAPCD include procedures and requirements to control the emission of pollutants and prevent significant adverse impacts.

The RAQS is the San Diego region's portion of the SIP prepared by the SDAPCD. The RAQS includes emission inventories and future emissions estimates used to demonstrate how the SDAB will attain the NAAQS and CAAQS. The basis for the

emission estimates is the distribution of population in the region as projected by SANDAG and other stakeholder agencies such as the City, in part based on land uses established in adopted community and general plans. As the emission estimates included in the RAQS are based, in part, on the Adopted Community Plan land use changes, these land uses may result in greater emissions than estimated in the RAQS, which would represent an inconsistency with the RAQS.

The buildout of the Adopted Community Plan is therefore analyzed in order to compare how the CPUs compare to the state and regional plans. For comparative purposes, for each CPU area, air emissions were calculated for the existing land uses, the Adopted Community Plan in the year 2035, and the CPU in the year 2035 using CalEEMod. Table 11 summarizes the future land uses modeled in CalEEMod.

TABLE 11
FUTURE MODELED LAND USES

Land Uses[1]	Adopted Community Plan (Year 2035)	CPU (Year 2035)
Southeastern San Diego		
Single-Family Units (DU)	6,171	5,765
Multi-Family Units (DU)	9,926	12,747
Commercial (square feet)	2,434,748	2,520,000
Office (square feet)	141,390	277,400
Industrial and Utilities (square feet)	2,758,252	2,489,100
Community Facilities (square feet)	2,372,488	2,593,400
Encanto Neighborhoods		
Single-Family Units (DU)	9,430	9,027
Multi-Family Units (DU)	8,103	12,070
Commercial (square feet)	1,012,038	1,281,500
Office (square feet)	141,256	135,000
Industrial and Utilities (square feet)	449,927	554,100
Community Facilities (square feet)	2,027,139	2,001,000

[1]Land use acreage obtained from Southeastern San Diego and Encanto Neighborhoods Community Plan Updates.

5.2.2.2 Total Operational (Mobile and Area Source) Emissions

Existing air quality is assessed by evaluating the ambient air quality monitored in the region as reported in Table 3 against the NAAQS and CAAQS as presented in Table 2. However, by its very nature, air pollution is largely a cumulative impact and no single project is sufficient in size to, by itself, result in nonattainment of AAQS. Additionally, it is not feasible to accurately predict the emission concentrations from individual projects for all criteria pollutants throughout a region. Thus, air quality impacts are not assessed against the change in air quality emissions from one land use to another, but on the incremental increase a project emissions have on a region's existing air quality, i.e., if a project's contribution to the cumulative impact is considerable, then the project's impact

on air quality would be considered significant. At an individual project level, the evaluation of a project's cumulative effect on air quality is accomplished by the use of emission thresholds, which are based on emission levels originally developed by the U.S, EPA under the CAA conformity rules. Under the conformity rule, the U.S. EPA developed an applicability analysis, which indicates that emission from individual projects below a certain levels would not conflict with or obstruct the ability of a region to achieve attainment. This can also be achieved at a plan by evaluating a project's consistency with the regional plan for which the intent is that same, such as the RAQS and SIP.

a. Southeastern San Diego

A summary of the modeling results for the Southeastern San Diego, which includes both mobile and area source emissions, is shown in Table 12. CalEEMod output for the Adopted Community Plan is contained in Attachment 3, and CalEEMod output for the Southeastern San Diego CPU is contained in Attachment 4. As shown, the Southeastern San Diego CPU would result in emissions in excess of project-level thresholds (see Table 4). Total emissions under the Adopted Community Plan are projected to be greater than total emissions under the Southeastern San Diego CPU for all pollutants except for ROG. Therefore, emissions of ROG would be greater than what is accounted for in adopted regional air quality improvement plans.

TABLE 12
SOUTHEASTERN SAN DIEGO OPERATIONAL EMISSIONS

	Pollutant (tons/year)					
	ROG	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
No-Project	1,380	174	2,367	4	418	263
Buildout	1,410	163	2,363	3	375	251
Change	30	-11	-4	-1	-43	-12

Additionally, the regulations at the federal, state, and local level provide a framework for developing project-level air quality protection measures for future discretionary projects. The City's process for the evaluation of discretionary projects also includes environmental review and documentation pursuant to CEQA as well as an analysis of those projects for consistency with the goals, policies, and recommendations of the General Plan. In general, implementation of the policies in the Southeastern San Diego CPU and General Plan would preclude or reduce air quality impacts. However, it is possible that for certain projects, adherence to the regulations may not adequately protect air quality, and such projects would require additional measures to avoid or reduce significant air quality impacts. Because the Southeastern San Diego CPU would conflict with implementation of the RAQS, air emissions associated with the adoption of the Southeastern San Diego CPU could have a potentially significant impact on regional air quality.

b. Encanto Neighborhoods

A summary of the modeling results for the Encanto Neighborhoods CPU, which includes both mobile and area source emissions, is shown in Table 13. CalEEMod output for the Adopted Community Plan is contained in Attachment 5, and CalEEMod output for the Encanto CPU is contained in Attachment 6. As shown, the Encanto CPU would result in emissions in excess of project-level thresholds (see Table 4). Additionally, total emissions under the Adopted Community Plan are projected to be less than total emissions under the Encanto CPU for ROG, NO_x, and CO. Therefore, emissions of ROG, NO_x, and CO would be greater than what is accounted for in adopted regional air quality improvement plans.

TABLE 13
ENCANTO NEIGHBORHOODS OPERATIONAL EMISSIONS

	Pollutant (tons/yr)					
	ROG	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
No-Project	1,519	147	2,379	3	405	279
Buildout	1,568	156	2,507	3	396	277
Change	49	9	128	0	-9	-2

Additionally, the regulations at the federal, state, and local level provide a framework for developing project-level air quality protection measures for future discretionary projects. The City's process for the evaluation of discretionary projects also includes environmental review and documentation pursuant to CEQA as well as an analysis of those projects for consistency with the goals, policies, and recommendations of the General Plan. In general, implementation of the policies in the Encanto Neighborhoods CPU and General Plan would preclude or reduce air quality impacts. However, it is possible that for certain projects, adherence to the regulations may not adequately protect air quality, and such projects would require additional measures to avoid or reduce significant air quality impacts. Because the Encanto Neighborhoods CPU would conflict with implementation of the RAQS, air emissions associated with the adoption of the Encanto Neighborhoods CPU could have a potentially significant impact on regional air quality.

5.3 Sensitive Receptors

5.3.1 CO Hot Spot

CALINE4, a computer pollutant dispersion model, was used to calculate CO concentrations at receivers located at each intersection. Detailed modeling inputs are described in Section 4.2.2. These concentrations were derived from inputs including traffic volumes, from the traffic analysis of the Southeastern San Diego and Encanto

Neighborhoods CPUs, and emission factors from EMFAC2014 (State of California 2014).

5.3.1.1 Southeastern San Diego

Table 14 summarizes the maximum CO concentrations for the Southeastern San Diego CPU. CALINE4 output is contained in Attachment 7. The hot spot analysis indicates that the increases of CO due to adoption of Southeastern San Diego CPU would be below the federal and state 1-hour standard. Based on the modeling results, increases of CO due to the Southeastern San Diego CPU would be below the federal and state 8-hour standards. Therefore, there would be no harmful concentrations of CO and localized pollutant emission would not exceed applicable standards under either the adopted community plan or the Southeastern San Diego CPU.

TABLE 14
SOUTHEASTERN SAN DIEGO MAXIMUM BUILDOUT CO CONCENTRATIONS
(ppm)

Roadway	1-Hour CO ppm	1-Hour CO Standard CAAQS/ NAAQS	8-Hour CO ppm[1]	8-Hour CO Standard CAAQS/ NAAQS
I-5 SB Off-Ramp/Yama Street/Main Street	4.5	9.0/9 ppm	3.2	20/35 ppm
40th Street/Imperial Avenue	3.8		2.7	
47th Street/I-805 SB Ramps	5.1		3.6	

[1]8-hour concentrations developed from 1-hour concentrations based on a 70% persistence factor.

5.3.1.2 Encanto Neighborhoods

Table 15 summarizes the maximum CO concentrations for the Encanto Neighborhoods CPU. CALINE4 output is contained in Attachment 8. The hot spot analysis indicates that the increases of CO due to adoption of Encanto Neighborhoods CPU would be below the federal and state 1-hour standard. Based on this calculation, increases of CO due to the CPU would be below the federal and state 8-hour standards. Therefore, there would be no harmful concentrations of CO and localized pollutant emission would not exceed applicable standards under either the Encanto Neighborhoods CPU.

TABLE 15
ENCANTO NEIGHBORHOODS MAXIMUM BUILDOUT CO CONCENTRATIONS
(ppm)

Roadway	1-Hour CO ppm	1-Hour CO Standard CAAQS/ NAAQS	8-Hour CO ppm[1]	8-Hour CO Standard CAAQS/ NAAQS
47th Street/Market Street	4.6	9.0/9 ppm	3.2	20/35 ppm
Euclid Avenue/Market Street	4.6		3.2	
Euclid Avenue/Olvera Avenue	4.3		3.0	

[1]8-hour concentrations developed from 1-hour concentrations based on a 70% persistence factor.

5.3.2 Toxic Air Emissions

5.3.2.1 Stationary Sources

Stationary sources include gasoline stations, power plants, dry cleaners, and other commercial and industrial uses. Stationary sources of air pollution are regulated by the local air pollution control or management district, in this case the SDAPCD.

The Southeastern San Diego and Encanto Neighborhoods CPUs include, and would allow, commercial and light industrial uses, which could generate air pollutants. Without appropriate controls, air emissions associated with planned industrial uses would represent a significant adverse air quality impact.

The California Air Toxics Program establishes the process for the identification and control of toxic air contaminants and includes provisions to make the public aware of significant toxic exposures and for reducing risk. Additionally, AB 2588 was enacted in 1987 and requires stationary sources to report the types and quantities of certain substances routinely released into the air. The goals of the Air Toxics "Hot Spots" Act are to collect emission data, to identify facilities having localized impacts, to ascertain health risks, to notify nearby residents of significant risks, and to reduce those significant risks to acceptable levels.

In accordance with AB 2588, any new facility proposed that would have the potential to emit toxic air contaminants would be required to assess air toxic problems that would result from their facility's emissions. Larger industrial facilities are required to provide information regarding emission inventories and health risk assessments. If adverse health impacts exceeding public notification levels are identified, the facility would provide public notice, and if the facility poses a potentially significant public health risk, the facility must submit a risk reduction audit and plan to demonstrate how the facility would reduce health risks.

Both CPUs contain several areas where residential and other sensitive uses would be placed in close proximity to industrial and commercial uses. These sensitive land uses could be exposed to toxic air emissions that have the potential to be generated with operation of certain commercial and industrial uses. The CARB and SDAPCD provide guidance on siting land uses to avoid health risks and avoid nuisances. A common component of such guidance is the recommendation to site sensitive land uses outside specified buffers adjacent to or surrounding major emitters or facilities of concern. Table 16 summarizes the siting recommendations applicable to the CPU area. CARB recommends that these buffers be considered when evaluating land use and collocation decisions.

TABLE 16
CARB LAND USE SITING CONSTRAINTS

Source Category	Recommended Buffer Distance (feet)
Distribution Centers (that accommodate more than 100 trucks per day, more than 40 trucks with operating transport refrigeration units per day, or where transport refrigeration unit operations exceed 300 hours per week)	1,000
Chrome Platers	1,000
Dry Cleaners using Perchloroethylene (1 machine)	300
Dry Cleaners using Perchloroethylene (2 machines)	500
Dry Cleaners using Perchloroethylene (3 or more machines)	Requires consultation with APCD
Large Gas Station (3.6 million gallons or more per year)	300
Other Gas Stations	50

SOURCE: State of California 2005.

5.3.2.2 Mobile Sources

Unlike stationary source, local agencies, such as the SDAPCD, do not regulate roadways as emission sources. While the CARB regulates vehicle emissions and fuel formulations, the source of the majority of diesel particulate matter (DPM) is regulated nationwide by the EPA. To determine the exposure to DPM within the CPUs, a single AERMOD run was created for all freeway sources in both CPU areas. The results provide the total average annual diesel particulate matter concentrations at each modeled grid receiver. The resulting total average annual diesel particulate matter concentrations were then used to calculate the incremental cancer risk and chronic health hazard index at each receiver as described in Section 4.3. Attachment 9 contains the AERMOD input and output data sheets.

a. Carcinogenic Risk

As discussed in Section 4.3.2, in general for health risk assessments it is recommended that the residential incremental cancer risk be reported for the average (65th percentile),

80th percentile, and high-end (95th percentile) breathing rates. Isopleths of the residential incremental cancer risk for the 80th percentile under the Southeastern San Diego CPU are shown in Figure 7a and the Encanto Neighborhoods CPU in Figure 7b.

Southeastern San Diego

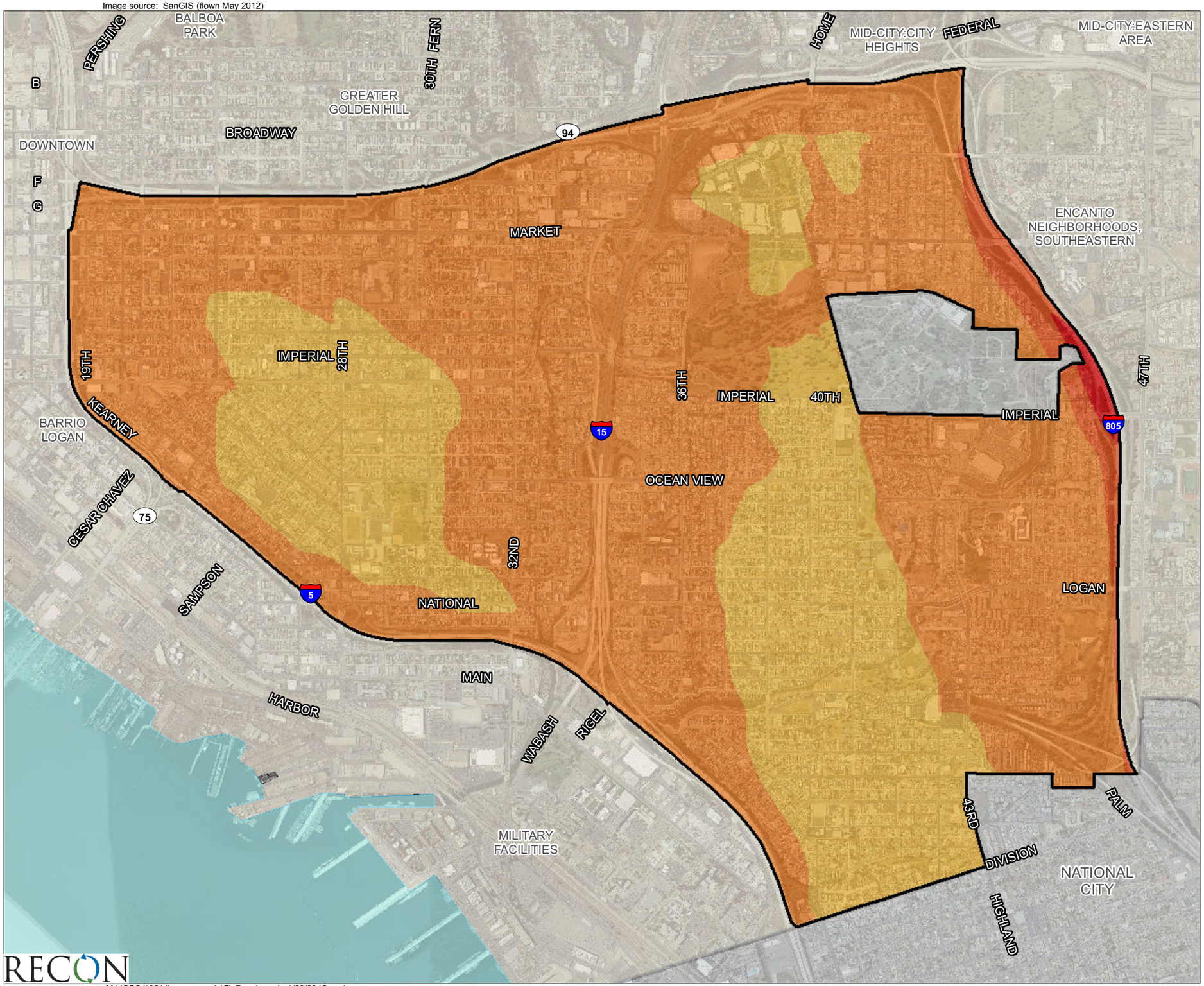
The results of this assessment indicate that the worst-case high end (95th percentile) residential incremental cancer risk due to diesel particulate matter emissions associated with operations in the Southeastern San Diego Planning Area is 0.33 in one million and occurs east of I-805 and north of the MTS Trolley Line. The location of the Southeastern San Diego MEIR and MEIW locations are shown in Figure 8, which occur south of I-15 at the northern terminus of 44th Street for the MEIR and west of the I-15 and south of SR-94, at the eastern terminus of for the MEIW. The maximum concentrations higher than at these locations occur within the I-15 right-of-way. This high-end residential incremental cancer risk is less than the significance threshold of 10 in one million. Additionally, due to the lower exposure associated with the 65th percentile, 80th percentile, and worker incremental cancer risks at this location, would be less than the 95th percentile value. At this point of maximum impact the average (65th percentile) residential incremental cancer risk is 0.22 in one million, the 80th percentile residential incremental cancer risk is 0.25 in one million, and the worker incremental cancer risk is 0.12 in one million. As seen from Figure 7a, and as indicated above, the 80th percentile incremental cancer risk from diesel PM from vehicle operations is less than 10 in one million within the Southeastern San Diego Planning Area.

There is no adopted standard for evaluating the diesel exhaust emission impacts due to vehicles traveling on local roadway and freeways. Therefore, the significance threshold of 10 in one million was used in evaluating the potential impacts from the vehicular sources. Thus, the effects detailed above are considered to be less than significant. Therefore, incremental cancer risks to sensitive receivers due to area traffic are not anticipated to be significant.

Encanto Neighborhoods

The results of this assessment indicate that the worst-case high end (95th percentile) residential incremental cancer risk due to diesel particulate matter emissions associated with operations in the Encanto Neighborhoods Planning Area is 0.29 in one million and occurs in proximity to the I-15 and SR-94 interchange. The location of the Encanto Neighborhoods MEIR and MEIW locations are shown on Figure 8, which occur north of the Imperial Avenue and west of 47th Street for the MEIR and the MEIW. The maximum concentrations higher than at these locations occur within the I-15 right-of-way. This high-end residential incremental cancer risk is less than the significance threshold of 10 in one million. Additionally, due to the lower exposure associated with the 65th percentile, 80th percentile, and worker incremental cancer risks at this location, would be less than the 95th percentile value. At this point of maximum impact the average (65th percentile)

Image source: SanGIS (flown May 2012)



Southeastern San Diego Community Plan Boundary

PM10 Incremental Cancer Risk

Max. Level

- 0.0002
- 0.0005
- 0.0006
- 0.00068

0 Feet 1,500

FIGURE 7a

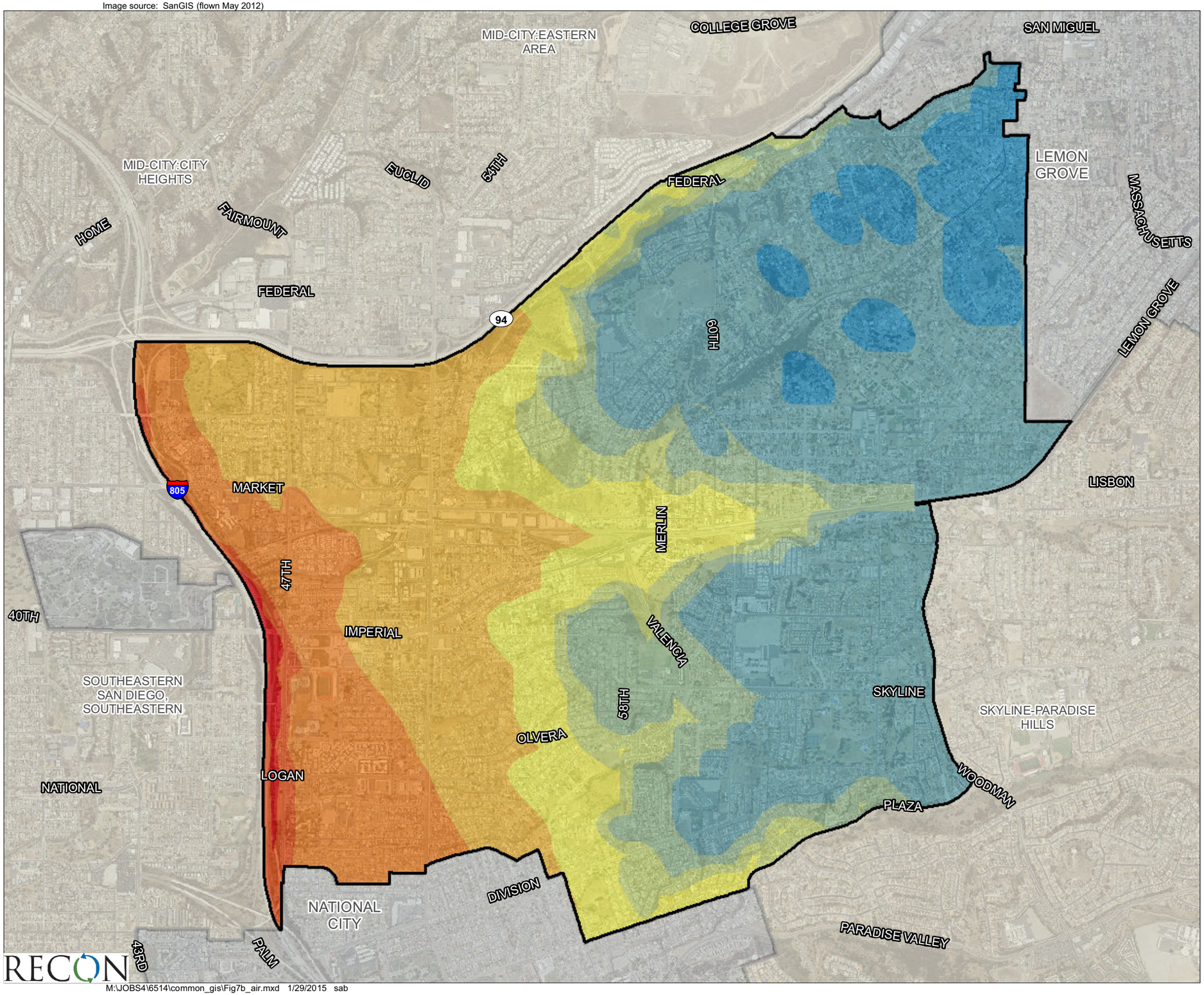
Southeastern San Diego Community Plan Update Incremental Cancer Risk

RECON

M:\JOBS4\6514\common_gis\Fig7a_air.mxd 1/29/2015 sab

THIS PAGE IS INTENTIONALLY BLANK.

Image source: SanGIS (flown May 2012)



Encanto Neighborhoods Community Plan Boundary

PM10 Incremental Cancer Risk

Max. Level

- 0.00002
- 0.00004
- 0.00005
- 0.00006
- 0.0001
- 0.0002
- 0.0005
- 0.0006
- 0.00068

0 Feet 1,800

FIGURE 7b

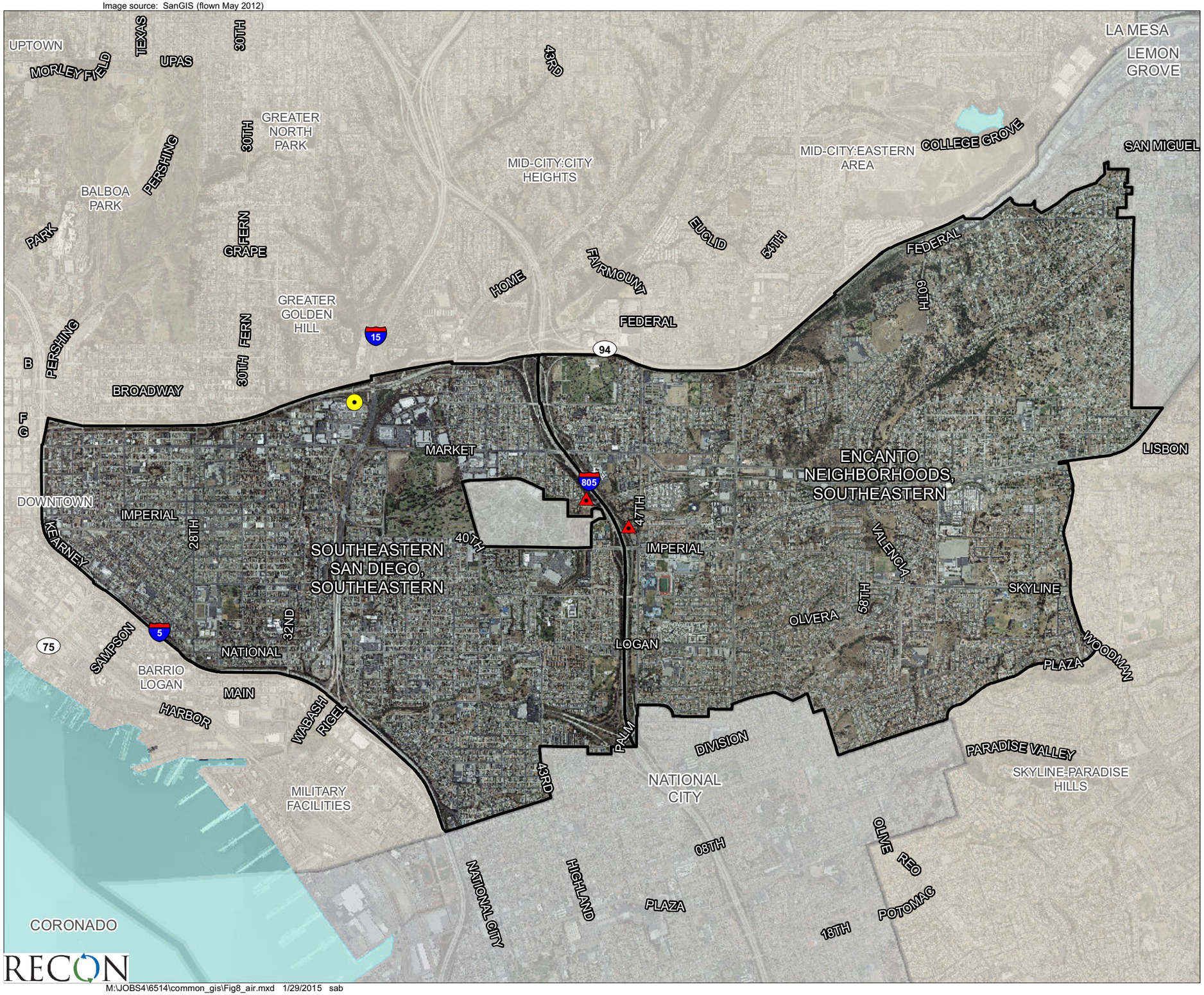
Encanto Neighborhoods Community Plan Update Incremental Cancer Risk

RECON

M:\JOBS4\6514\common_gis\Fig7b_air.mxd 1/29/2015 sab

THIS PAGE IS INTENTIONALLY BLANK.

Image source: SanGIS (flown May 2012)



Community Plan Boundary

MEIR

MEIW

0 Feet 2,700

RECON

M:\JOBS4\6514\common_gis\Fig8_air.mxd 1/29/2015 sab

FIGURE 8

Maximum Exposed Individual

THIS PAGE IS INTENTIONALLY BLANK.

residential incremental cancer risk is 0.16 in one million, the 80th percentile residential incremental cancer risk is 0.22 in one million, and the worker incremental cancer risk is 0.11 in one million. As seen from Figure 7b, and as indicated above, the 80th percentile incremental cancer risk from diesel PM from vehicle operations is less than 10 in one million within the Encanto Neighborhoods Planning Area.

There is no adopted standard for evaluating the diesel exhaust emission impacts due to vehicles traveling on local roadway and freeways. Therefore, the significance threshold of 10 in one million was used in evaluating the potential impacts from the vehicular sources. Thus, the effects detailed above are considered to be less than significant. Therefore, incremental cancer risks to sensitive receivers due to area traffic are not anticipated to be significant.

b. Chronic Risk

Southeastern San Diego

An assessment of the potential chronic risk due to diesel particulate emissions from the freeway was made at the same receivers throughout the community as discussed above for the carcinogenic risk. The results of the analysis indicate that the worst-case chronic health hazard index due to diesel particulate emissions from the freeways for all scenarios would be approximately 0.0002 or less in 2035. At all locations within the Southeastern San Diego Planning Area the chronic health hazard index is less than one. Therefore, this represents a less than significant chronic health impact.

Encanto Neighborhoods

An assessment of the potential chronic risk due to diesel particulate emissions from the freeway was made at the same receivers throughout the community as discussed above for the carcinogenic risk. The results of the analysis indicate that the worst-case chronic health hazard index due to diesel particulate emissions from the freeways for all scenarios would be approximately 0.0002 or less in 2035. At all locations within the Encanto Neighborhoods Planning Area the chronic health hazard index is less than one. Therefore, this represents a less than significant chronic health impact.

5.4 Air Movement

As shown in Figures 2a and 2b, the planning areas are heavily developed, and only relatively small areas, 13 percent of the Southeastern San Diego and 11 percent of Encanto Neighborhoods planning areas, would experience a change in land uses, most of which would involve the demolition of existing structures and improvements. Thus, future development would be similar in height, bulk, and scale to existing development in the area. Implementation of the CPUs would result in a similar development pattern and would not substantially change air movement within either CPU.

6.0 CEQA Significance Analysis

1. Would the CPUs conflict with or obstruct implementation of the applicable air quality plan?

As discussed in Section 5.1, total emissions under the Southeastern San Diego CPU are projected to be greater than total emissions under the Adopted Community Plan for ROG, and total emissions under the Encanto Neighborhoods CPU are projected to be greater than total emissions under the Adopted Community Plan for ROG, NO_x, and CO. Therefore, emissions would be greater than what is accounted for in the RAQS. Thus, the Southeastern San Diego CPU and the Encanto Neighborhoods CPU would conflict with implementation of the RAQS, and could have a potentially significant impact on regional air quality.

2. Would the CPUs result in a violation of any air quality standard or contributes substantially to an existing or projected air quality violation?

Implementation of the CPUs would result in emissions in excess of project-level thresholds (see Table 4). Additionally, total emissions under the Southeastern San Diego CPU are projected to be greater than total emissions under the Adopted Community Plan for ROG, and total emissions under the Encanto Neighborhoods CPU are projected to be greater than total emissions under the Adopted Community Plan for ROG, NO_x, and CO. Thus, the Southeastern San Diego CPU and the Encanto Neighborhoods CPU would have a potentially significant impact on regional air quality.

3. Would the CPUs expose sensitive receptors to substantial pollutant concentrations?

CO Hotspots

There would be no harmful concentrations of CO and localized air quality emissions would not exceed applicable standards under either the Adopted Community Plan or the CPUs, therefore sensitive receptors would not be exposed to substantial pollutant concentrations, and impacts would be less than significant.

Stationary Sources

It is possible that industries that generate air pollutants would be developed within the planning areas. Specific project-level design information is needed to determine stationary source emission impacts. Project-level information, including air emission risk assessments, is used by the SDAPCD in the evaluation and permitting of stationary sources. Where risks exceed acceptable levels the SDAPCD requires the incorporation of best available control technologies to reduce health impacts to surrounding residents. However, the reduction of risk and health impacts does not mean they are completely eliminated. Therefore, at the program level, impacts would be potentially significant.

The CPUs contain several areas where residential and other sensitive uses would be placed adjacent to light industrial or commercial uses. These sensitive land uses could be exposed to toxic air emissions that have the potential to be generated with operation of certain commercial and light industrial uses. The CARB and SDAPCD provide guidance on siting land uses to avoid health risks and avoid nuisances. A common component of such guidance is the recommendation to site sensitive land uses outside specified buffers adjacent to or surrounding major emitters or facilities of concern. Table 16 summarizes the siting recommendations applicable to the planning areas. CARB recommends that these buffers be considered when evaluating land use and collocation decisions.

As stated previously, approval of the CPUs would not permit the construction of any individual project, and no specific development details are available at this time. Land uses conflicting with Table 16 above may result in exposure of sensitive receptors to substantial pollutant concentrations and thus would be considered to have a significant impact and required to implement the best control technology available and conduct further analysis on a project-by-project basis.

Mobile Sources

A single AERMOD run was created for all freeway sources in both CPU planning areas. The resulting total average annual diesel particulate matter concentrations were then used to calculate the incremental cancer risk and chronic health hazard index at each receiver as described above. In general for health risk assessments it is recommended that the residential incremental cancer risk be reported for the average (65th percentile), 80th percentile, and high end (95th percentile) breathing rates.

The results of the risk assessment indicates that based on the 65th percentile, 80th percentile, and 95th percentile breathing rates the residential and worker incremental cancer risk, due to diesel particulate matter emissions associated with operations in the project area, are less than 1 in one million. Thus, this impact would not be considered significant for either planning area.

The results of the modeling analysis were also used to calculate chronic non-carcinogenic risks. The results indicate that the maximum chronic hazard index at any of the modeled receivers is 0.0002, below the significance threshold of 1.0. Chronic risks resulting from diesel particulate matter emissions associated with the vehicles operating within and adjacent to the planning areas are not projected to be significant within either planning area.

4. Would the CPUs result in substantial alteration of air movement in the area of the project?

As shown in Figures 2a and 2b, the planning areas are heavily developed, and only relatively small areas, 13 percent of the Southeastern San Diego and 11 percent of Encanto Neighborhoods planning areas, would experience a change in land uses, most of which would involve the demolition of existing structures and improvements. Thus, future development would be similar in height, bulk, and scale to existing development in the area. Implementation of the CPUs would result in a similar development pattern and would not substantially change air movement. Impacts would be less than significant.

7.0 Conclusions and Recommendations

7.1 Consistency with Regional Plans

As discussed in Section 5.1, total emissions under the Southeastern San Diego CPU are projected to be greater than total emissions under the Adopted Community Plan for ROG, and total emissions under the Encanto Neighborhoods CPU are projected to be greater than total emissions under the Adopted Community Plan for ROG, NO_x, and CO. Therefore, emissions would be greater than what is accounted for in the RAQS. Thus, the Southeastern San Diego CPU and the Encanto Neighborhoods CPU would conflict with implementation of the RAQS, and could have a potentially significant impact on regional air quality.

Because the significant air impact stems from an inconsistency between the CPUs and the adopted land use plans upon which the RAQS was based, the only measure that can lessen this effect is the revision of the RAQS and SIP based on the revised CPUs. This effort is the responsibility of SANDAG and the SDAPCD and is outside the jurisdiction of the City. As such, no mitigation is available to the City. Impacts remain significant.

7.2 Criteria Pollutants

Emissions due to construction of individual projects are not expected to exceed the applicable project-level thresholds. Approval of the CPUs would not permit the construction of any individual project, and no specific development details are available at this time. While the analysis indicates the modeled scenarios would not exceed the City's standards, due to the lack of project-specific details, project-specific air quality studies would be required for future projects within the planning areas to verify compliance at the project level.

Implementation of the CPUs would result in emissions in excess of project-level thresholds. Additionally, total emissions under the Southeastern San Diego CPU are projected to be greater than total emissions under the Adopted Community Plan for ROG, and total emissions under the Encanto Neighborhoods CPU are projected to be

greater than total emissions under the Adopted Community Plan for ROG, NO_x, and CO. Thus, the Southeastern San Diego CPU and the Encanto Neighborhoods CPU would have a potentially significant impact on regional air quality.

While identified regulations would reduce emissions and may preclude many potential impacts, as no project-specific data is available at this time air emissions from the future developments within the planning areas cannot be adequately quantified, this impact would be significant. The following mitigation framework shall be implemented; however, impacts would remain significant at the program level.

AQ-1. Future projects that would exceed daily construction emissions thresholds established by the City of San Diego shall incorporate best available control measures/technology to reduce construction emissions to below daily emission standards established by the City of San Diego. Best available control measures/technology shall include:

a) Minimizing simultaneous operation of multiple pieces of construction equipment;

b) Use of more efficient, or low pollutant emitting, equipment, e.g., Tier III or IV rated equipment;

c) Use of alternative fueled construction equipment;

d) Minimizing idling time by construction vehicles;

e) Haul trucks shall be covered when loaded with soil;

f) Paved streets shall be swept at least once per day where there is evidence of dirt that has been carried on to the roadway;

g) Active disturbed areas shall have water applied to them two times daily;

h) Inactive disturbed areas shall be revegetated to prevent soil erosion;

i) For disturbed surfaces to be left inactive for 4 or more days and that will not be revegetated, a chemical stabilizer shall be applied per manufacturer's instruction;

j) Vehicle speed on unpaved roads shall be limited to 15 miles per hour (mph);

k) For open storage piles that will remain on-site for 2 or more days, water shall be applied once per hour, or coverings shall be used;

l) For paved road track-out, all haul vehicles shall be covered, or shall comply with vehicle freeboard requirements of Section 23114 of the California Vehicle Code for all public and private roads;

m) During high wind conditions (sustained wind speeds in excess of 25 mph), all earthmoving activities shall cease or water shall be applied to soil not more than 15 minutes prior to disturbing such soil.

AQ-2. Development that would significantly impact air quality, either individually or cumulatively, shall receive entitlement only if it is conditioned with all reasonable mitigation to avoid, minimize, or offset the impact. As a part of this process, future projects shall be required to buffer sensitive receptors from air pollution sources through the use of landscaping, open space, and other separation techniques.

7.3 Sensitive Receptors

CO Hotspots

There would be no harmful concentrations of CO, and localized air quality emission would not exceed applicable standards under either the Adopted Community Plan or the CPUs; therefore sensitive receptors would not be exposed to substantial CO concentrations.

Stationary Sources

It is possible that industries that generate air pollutants would be developed within the planning areas. Specific project-level design information is needed to determine stationary source emission impacts. Therefore, at the program level, impacts would be potentially significant. The CARB and SDAPCD provide guidance on siting land uses to avoid health risks and avoid nuisances. Land uses conflicting with Table 16 above may result in exposure of sensitive receptors to substantial pollutant concentrations and thus would require further analysis on a project-by-project basis.

AQ-3. Prior to the issuance of building permits for any new facility that would have the potential to emit toxic air contaminants, in accordance with AB 2588, an emissions inventory and health risk assessment shall be prepared. If adverse health impacts exceeding public notification levels (cancer risk equal to or greater than 10 in 1,000,000) are identified, the facility shall provide public notice to residents located within the public notification area and submit a risk reduction audit and plan to the APCD that demonstrates how the facility would reduce health risks to less than significant levels within five years of the date the plan.

AQ-4. Prior to the issuance of building permits for any project containing a facility identified in Table 16, or locating air quality sensitive receptors closer than the recommended buffer distances, future projects implemented in accordance with the CPU shall be required to prepare a health risk assessment (HRA) with a Tier I analysis in accordance with APCD HRA Guidelines and the Office of Environmental Health Hazard Assessment (OEHHA) Air Toxics "Hot Spots" Program Risk Assessment Guidelines (APCD 2006; OEHHA 2003).

All HRAs shall include:

1. the estimated maximum 70-year lifetime cancer risk,

2. the estimated maximum non-cancer chronic health hazard index (HHI), and

3. the estimated maximum non-cancer acute health hazard index (HHI).

Risk estimates shall each be made for the off-site PMI, the maximally exposed individual resident (MEIR), and the MEIW. The location of each of these receptors shall be specified. The lifetime cancer risk, non-cancer chronic and acute health hazard indexes for nearby sensitive receptors shall also be reported. Cancer and non-cancer chronic risk estimates shall be based on inhalation risks. HRAs shall include estimates of population exposure, including cancer burden, as well as cancer and noncancer chronic and acute risk isopleths (contours). The HRA shall identify best available control technology (BACT) required to reduce risk to less than 10 in 1,000,000.

Mobile Sources

A single AERMOD run was created for all freeway sources in both CPUs. The resulting total average annual diesel particulate matter concentrations were then used to calculate the incremental cancer risk and chronic health hazard index at each receiver as described above. In general for health risk assessments it is recommended that the residential incremental cancer risk be reported for the average (65th percentile), 80th percentile, and high end (95th percentile) breathing rates.

The results of the risk assessment assessments indicate that based on the 65th percentile, 80th percentile, and 95th percentile breathing rates the residential and worker incremental cancer risk, due to diesel particulate matter emissions associated with operations in the project area, are less than 1 in one million. Thus, this impact would not be considered significant.

The results of the modeling analysis were also used to calculate chronic non-carcinogenic risks. The results indicate that the maximum chronic hazard index at any of the modeled receivers is 0.0002, below the significance threshold of 1.0. Chronic risks resulting from diesel particulate matter emissions associated with the vehicles operating within and adjacent to the planning areas are not projected to be significant.

The AERMOD analysis indicates that the carcinogenic risks associated with operations would be less than 1 in a million within the planning areas, thus this impact would be less than significant. The analysis also indicates that the non-carcinogenic risks are measured to have a maximum chronic hazard index below the significance threshold of 1.0. Chronic risks resulting from diesel particulate matter emissions are not projected to be significant.

7.4 Air Movement

As shown in Figures 2a and 2b, the planning areas are heavily developed, and it can be assumed that these areas would experience relatively small projects in terms of land area, most of which would involve the demolition of existing structures and improvements. Future development would be similar in height, bulk, and scale to existing development in the area. Implementation of the CPUs would result in a similar development pattern and would not substantially change air movement. Impacts would be less than significant.

8.0 References Cited

California Air Pollution Control Officers Association (CAPCOA)

2013 California Emission Estimator Model (CalEEMod) TM. Version 2013.2.2.

California Energy Commission

2013 2013 Building Energy Efficiency Standards for Residential and Nonresidential Buildings.

California, State of

1989 CALINE4 – A Dispersion Model for Predicting Air Pollutant Concentrations Near Roadways. Report number FHWA/CA/TL-84-15. Department of Transportation (Caltrans), Division of New Technology and Research.

2003a Air Resources Board Recommended Interim Risk Management Policy for Inhalation-Based Residential Cancer Risk. California Air Resources Board. October 9.

2003b The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments. Office of Environmental Health Hazard Assessment, California Environmental Protection Agency. August.

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

2008 *ARB Recommended Interim Risk Management Policy for Inhalation-Based Residential Cancer Risk – Frequently Asked Questions*. California Air Resources Board. July 29. Obtained from the CARB website at http://www.arb.ca.gov/toxics/harp/rmpolicyfaq.htm on May 31, 2011.

2011 EMFAC 2011. California Air Resources Board. Updated January 2013.

2013 Ambient Air Quality Standards. California Air Resources Board. June 4.

2014 EMFAC 2014. Emissions Factor Model, v. 1.01. California Air Resources Board. Released December 30.

2015 California Air Quality Data Statistics. California Air Resources Board Internet Site. http://www.arb.ca.gov/adam/welcome.html. Accessed January 29.

Chen Ryan

2014a Southeastern San Diego Community Plan Update. Mobility Element Update Technical Report. Prepared for Dyett & Bhatia. Final Report. November 25, 2014.

2014b Encanto Community Plan Update. Mobility Element Update Technical Report. Prepared for Dyett & Bhatia. Final Report. November 25, 2014.

Hammer, Michael (Trinity Consultants, Inc./Breeze Software and Data Services)

2011 E-mail to David Gottfredson, RECON, re: AERMOD Model-Ready Meteorological Data. March 24, 12:37 P.M.

Dyett & Bhatia

2014 Analysis for Buildout Assessment of Southeastern San Diego and Encanto Neighborhoods Community Plan Updates.

Lakes Environmental Software

2011 WRPLOT View software, Version 6.5.2. Obtained from the Lakes Environmental Software website at: http://www.weblakes.com/download/freeware.html on April 4, 2011.

RECON Environmental

2013 Existing Air Quality, Greenhouse Gas Emissions, and Noise Conditions Report for the Southeastern San Diego Community Plan Update. Prepared for Dyett and Bhatia. RECON #6514. February 13, 2013.

San Diego Association of Governments (SANDAG)

2010 Greenhouse Gas Reduction Targets Set. News story accessed from the SANDAG website at http://www.sandag.org/index.asp?newsid=666&fuseaction=news.detail on October 29.

2012 2050 Regional Growth Forecast, Southeastern San Diego and Encanto Neighbhorhoods Community Planning Area, from SANDAG website at: http://profilewarehouse.sandag.org/.

San Diego, City of

2008 City of San Diego General Plan. Adopted March 10.

2011 California Environmental Quality Act Significance Determination Thresholds. Development Services Department.

2014 Draft Climate Action Plan. September.

San Diego, County of

2006 *Supplemental Guidelines for Submission of Air Toxics "Hot Spots" Program Health Health* [sic] *Risk Assessments (HRAs)*. San Diego Air Pollution Control District. June.

2012 San Diego Air Pollution District Rules and Regulations. Accessed from the SDAPCD website at http://www.sdapcd.org/rules/rules.html.

SanGIS

2010 *Census Block/Pop&Housing* GIS shapefile obtained from the SanGIS website at: http://www.sangis.org/Download_GIS_Data.htm

SMAQMD

2011 Recommended Protocol for Evaluating the Location of Sensitive Land Uses Adjacent to Major Roadways. Version 2.4. March 2011.

University of California, Davis

1997 *Transportation Project-Level Carbon Monoxide Protocol (UCD-ITS-RR-97-21)* December.

U.S. Environmental Protection Agency (EPA)

1995a *Industrial Source Complex (ISC3) Dispersion Model User's Guide – Volume I and II*. EPA-454/B-95-003a and b.

1995b *SCREEN3 Model User's Guide.* EPA-454/B-95-004. September.

1997 *Exposure Factors Handbook, Volume I, General Factors*. EPA/600/P-95/002Fa. August.

2004a *User's Guide for the AERMOD Meteorological Preprocessor (AERMET)*. EPA-454/B-03-002. November.

2004b *User's Guide for the AMS/EPA Regulatory Model – AERMOD*. EPA-454/B-03-001. September.

2011 *User's Guide for the AERMOD Meteorological Preprocessor (AERMET)—* Addendum (EPA-454/B-03-002, November 2004).

THIS PAGE IS INTENTIONALLY BLANK.

ATTACHMENTS

THIS PAGE IS INTENTIONALLY BLANK.

ATTACHMENT 1

EMFAC2014 Output

THIS PAGE IS INTENTIONALLY BLANK.

EMFAC2011 Emissions Inventory
Region Type: Air Basin
Region: San Diego
Calendar Year: 2035
Season: Annual
Vehicle Classification: EMFAC2011 Categories

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	VMT (miles/day)	ROG_RUN (tons/day)	TOG_RUN (tons/day)	CO_RUNE (tons/day)	NOx_RUN (tons/day)	CO2_RUN (tons/day)	CO2_RUN (tons/day)	PM10_RUI (tons/day)	PM2_5_RU (tons/day)
San Diego	2035	Annual	LDA	GAS	Aggregate	5	91882.55	0.01319	0.019322	0.127135	0.014514	110.3228	65.70301	0.001402	0.001301
San Diego	2035	Annual	LDA	DSL	Aggregate	5	390.5783	7.8E-06	8.88E-06	5.07E-05	0.000132	0.21686	0.1316	4.75E-06	4.37E-06
San Diego	2035	Annual	LDA	GAS	Aggregate	10	309016.9	0.02799	0.041018	0.390623	0.042255	275.6876	164.1862	0.002968	0.002753
San Diego	2035	Annual	LDA	DSL	Aggregate	10	1313.582	2.23E-05	2.54E-05	0.000161	0.000422	0.658745	0.399856	1.36E-05	1.25E-05
San Diego	2035	Annual	LDA	GAS	Aggregate	15	782327.3	0.047177	0.069147	0.905216	0.093862	538.1003	320.4664	0.004988	0.004628
San Diego	2035	Annual	LDA	DSL	Aggregate	15	3325.551	4.25E-05	4.84E-05	0.000365	0.000975	1.398992	0.849613	2.59E-05	2.38E-05
San Diego	2035	Annual	LDA	GAS	Aggregate	20	2344703	0.098954	0.145062	2.481725	0.252862	1288.104	767.1321	0.010469	0.009714
San Diego	2035	Annual	LDA	DSL	Aggregate	20	9966.965	0.000101	0.000115	0.00099	0.002713	3.650286	2.217867	6.15E-05	5.66E-05
San Diego	2035	Annual	LDA	GAS	Aggregate	25	6689045	0.208384	0.305546	6.492998	0.658815	3046.031	1814.069	0.022066	0.020474
San Diego	2035	Annual	LDA	DSL	Aggregate	25	28434.08	0.00024	0.000274	0.002581	0.007306	9.408026	5.718398	0.000146	0.000135
San Diego	2035	Annual	LDA	GAS	Aggregate	30	5839810	0.141799	0.207891	5.216257	0.532934	2288.622	1362.993	0.015015	0.013932
San Diego	2035	Annual	LDA	DSL	Aggregate	30	24824.12	0.000184	0.00021	0.002072	0.006123	7.699758	4.681321	0.000112	0.000103
San Diego	2035	Annual	LDA	GAS	Aggregate	35	6707665	0.133872	0.196286	5.52839	0.576623	2347.995	1398.352	0.01418	0.013157
San Diego	2035	Annual	LDA	DSL	Aggregate	35	28513.23	0.000196	0.000223	0.002201	0.006866	8.602346	5.230704	0.000119	0.00011
San Diego	2035	Annual	LDA	GAS	Aggregate	40	4062306	0.07029	0.103065	3.097368	0.334309	1318.168	785.037	0.007449	0.006911
San Diego	2035	Annual	LDA	DSL	Aggregate	40	17268.23	0.000115	0.000131	0.001239	0.004128	5.257717	3.196856	7.03E-05	6.47E-05
San Diego	2035	Annual	LDA	GAS	Aggregate	45	2980491	0.047213	0.06922	2.110012	0.23812	930.9374	554.4213	0.005001	0.00464
San Diego	2035	Annual	LDA	DSL	Aggregate	45	12669.6	8.69E-05	9.9E-05	0.000848	0.003057	4.039309	2.455547	5.3E-05	4.87E-05
San Diego	2035	Annual	LDA	GAS	Aggregate	50	1950173	0.029776	0.043659	1.283153	0.154261	607.9872	362.0879	0.003158	0.00293
San Diego	2035	Annual	LDA	DSL	Aggregate	50	8289.878	6.16E-05	7.01E-05	0.000521	0.002054	2.871583	1.745097	3.75E-05	3.45E-05
San Diego	2035	Annual	LDA	GAS	Aggregate	55	1690896	0.026425	0.038707	1.042408	0.132774	547.6962	326.1812	0.002788	0.002587
San Diego	2035	Annual	LDA	DSL	Aggregate	55	7187.737	6.1E-05	6.94E-05	0.000425	0.001858	2.807109	1.705181	3.71E-05	3.41E-05
San Diego	2035	Annual	LDA	GAS	Aggregate	60	1926917	0.032305	0.047326	1.110958	0.154859	671.2701	399.7758	0.003413	0.003167
San Diego	2035	Annual	LDA	DSL	Aggregate	60	8191.023	8.37E-05	9.53E-05	0.000459	0.002251	3.742836	2.272474	5.1E-05	4.69E-05
San Diego	2035	Annual	LDA	GAS	Aggregate	65	20565370	0.388386	0.569843	11.08611	1.732737	7984.11	4754.952	0.041283	0.038304
San Diego	2035	Annual	LDA	DSL	Aggregate	65	87420.16	0.001136	0.001294	0.004669	0.026002	48.50754	29.43647	0.000692	0.000636
San Diego	2035	Annual	LDT1	GAS	Aggregate	5	13411.44	0.001104	0.001995	0.018182	0.001726	18.73657	11.52163	0.000204	0.000189
San Diego	2035	Annual	LDT1	DSL	Aggregate	5	16.64102	3.76E-07	4.28E-07	2.29E-06	6.53E-06	0.00926	0.005544	1.93E-07	1.78E-07
San Diego	2035	Annual	LDT1	GAS	Aggregate	10	45105	0.002356	0.004254	0.055687	0.005002	46.81805	28.78962	0.000431	0.0004
San Diego	2035	Annual	LDT1	DSL	Aggregate	10	55.96662	1.07E-06	1.22E-06	7.37E-06	2.09E-05	0.028115	0.016832	5.51E-07	5.07E-07
San Diego	2035	Annual	LDT1	GAS	Aggregate	15	114190.8	0.003993	0.007202	0.128722	0.011073	91.37661	56.18968	0.000725	0.000673
San Diego	2035	Annual	LDT1	DSL	Aggregate	15	141.6887	2.04E-06	2.32E-06	1.71E-05	4.84E-05	0.059646	0.03571	1.05E-06	9.62E-07
San Diego	2035	Annual	LDT1	GAS	Aggregate	20	342239.6	0.008418	0.015167	0.352259	0.029758	218.7404	134.5089	0.001524	0.001414
San Diego	2035	Annual	LDT1	DSL	Aggregate	20	424.6535	4.84E-06	5.5E-06	4.73E-05	0.000135	0.155479	0.093085	2.48E-06	2.28E-06
San Diego	2035	Annual	LDT1	GAS	Aggregate	25	976352.2	0.017803	0.032048	0.920396	0.077409	517.2735	318.0844	0.003214	0.002982
San Diego	2035	Annual	LDT1	DSL	Aggregate	25	1211.465	1.15E-05	1.31E-05	0.000125	0.000364	0.400402	0.23972	5.91E-06	5.43E-06
San Diego	2035	Annual	LDT1	GAS	Aggregate	30	852395.5	0.012152	0.021858	0.738735	0.062563	388.6534	238.9927	0.002188	0.002031
San Diego	2035	Annual	LDT1	DSL	Aggregate	30	1057.659	8.85E-06	1.01E-05	0.000101	0.000306	0.327517	0.196084	4.54E-06	4.18E-06
San Diego	2035	Annual	LDT1	GAS	Aggregate	35	979070	0.011495	0.020668	0.782537	0.067677	398.7387	245.1945	0.002067	0.001918
San Diego	2035	Annual	LDT1	DSL	Aggregate	35	1214.837	9.44E-06	1.07E-05	0.000108	0.000343	0.365819	0.219016	4.84E-06	4.46E-06
San Diego	2035	Annual	LDT1	GAS	Aggregate	40	592945.9	0.006039	0.010857	0.438375	0.039255	223.8546	137.6539	0.001086	0.001008
San Diego	2035	Annual	LDT1	DSL	Aggregate	40	735.7316	5.6E-06	6.38E-06	6.07E-05	0.000206	0.223605	0.133872	2.87E-06	2.64E-06
San Diego	2035	Annual	LDT1	GAS	Aggregate	45	435041	0.004053	0.007287	0.2987	0.027991	158.0927	97.21523	0.000729	0.000676
San Diego	2035	Annual	LDT1	DSL	Aggregate	45	539.8021	4.25E-06	4.84E-06	4.16E-05	0.000152	0.171857	0.102891	2.18E-06	2.01E-06
San Diego	2035	Annual	LDT1	GAS	Aggregate	50	284652.8	0.002551	0.004589	0.181771	0.018168	103.2517	63.49219	0.00046	0.000427
San Diego	2035	Annual	LDT1	DSL	Aggregate	50	353.1993	3.03E-06	3.45E-06	2.55E-05	0.000102	0.122259	0.073196	1.56E-06	1.43E-06
San Diego	2035	Annual	LDT1	GAS	Aggregate	55	246808.2	0.002256	0.004058	0.147797	0.015679	93.00505	57.19102	0.000406	0.000377
San Diego	2035	Annual	LDT1	DSL	Aggregate	55	306.2414	3.02E-06	3.44E-06	2.07E-05	9.2E-05	0.119621	0.071617	1.55E-06	1.43E-06
San Diego	2035	Annual	LDT1	GAS	Aggregate	60	281258.4	0.002746	0.004945	0.157756	0.018354	113.9912	70.09595	0.000497	0.000461
San Diego	2035	Annual	LDT1	DSL	Aggregate	60	348.9875	4.18E-06	4.76E-06	2.22E-05	0.000111	0.159658	0.095587	2.15E-06	1.97E-06
San Diego	2035	Annual	LDT1	GAS	Aggregate	65	3001781	0.032855	0.059311	1.577609	0.206373	1355.922	833.7925	0.006003	0.00557
San Diego	2035	Annual	LDT1	DSL	Aggregate	65	3724.631	5.72E-05	6.51E-05	0.000224	0.001274	2.071371	1.240129	2.93E-05	2.7E-05
San Diego	2035	Annual	LDT2	GAS	Aggregate	5	34396.02	0.002818	0.005188	0.044844	0.004592	56.2031	38.25471	0.00052	0.000482
San Diego	2035	Annual	LDT2	DSL	Aggregate	5	14.26375	3.66E-07	4.16E-07	2.49E-06	6.23E-06	0.007896	0.005397	1.91E-07	1.76E-07
San Diego	2035	Annual	LDT2	GAS	Aggregate	10	115679.8	0.005992	0.011025	0.137689	0.013343	140.4387	95.58968	0.0011	0.001021
San Diego	2035	Annual	LDT2	DSL	Aggregate	10	47.97144	1.05E-06	1.19E-06	7.79E-06	1.98E-05	0.024001	0.016413	5.49E-07	5.05E-07
San Diego	2035	Annual	LDT2	GAS	Aggregate	15	292862.4	0.010116	0.018604	0.318904	0.0296	274.1015	186.5672	0.00185	0.001716
San Diego	2035	Annual	LDT2	DSL	Aggregate	15	121.4476	2E-06	2.28E-06	1.74E-05	4.56E-05	0.051044	0.034933	1.05E-06	9.67E-07
San Diego	2035	Annual	LDT2	GAS	Aggregate	20	877734.3	0.02125	0.039064	0.874011	0.079666	656.1523	446.6103	0.003883	0.003603
San Diego	2035	Annual	LDT2	DSL	Aggregate	20	363.9891	4.77E-06	5.43E-06	4.66E-05	0.000127	0.133359	0.091332	2.5E-06	2.3E-06
San Diego	2035	Annual	LDT2	GAS	Aggregate	25	2504029	0.044808	0.082343	2.286156	0.207434	1551.654	1056.134	0.008185	0.007594
San Diego	2035	Annual	LDT2	DSL	Aggregate	25	1038.4	1.13E-05	1.29E-05	0.00012	0.000341	0.344081	0.235785	5.95E-06	5.47E-06
San Diego	2035	Annual	LDT2	GAS	Aggregate	30	2186119	0.030514	0.056058	1.836309	0.16774	1165.834	793.5257	0.00557	0.005168
San Diego	2035	Annual	LDT2	DSL	Aggregate	30	906.5657	8.68E-06	9.88E-06	9.61E-05	0.000285	0.281813	0.193194	4.55E-06	4.18E-06
San Diego	2035	Annual	LDT2	GAS	Aggregate	35	2510999	0.028826	0.052947	1.946012	0.181476	1196.086	814.1166	0.00526	0.004881
San Diego	2035	Annual	LDT2	DSL	Aggregate	35	1041.29	9.19E-06	1.05E-05	0.000102	0.00032	0.314953	0.215952	4.81E-06	4.42E-06
San Diego	2035	Annual	LDT2	GAS	Aggregate	40	1520715	0.015138	0.027804	1.090269	0.105233	671.4899	457.05	0.002763	0.002564
San Diego	2035	Annual	LDT2	DSL	Aggregate	40	630.6279	5.39E-06	6.14E-06	5.71E-05	0.000192	0.192477	0.131966	2.82E-06	2.59E-06
San Diego	2035	Annual	LDT2	GAS	Aggregate	45	1115740	0.010165	0.018671	0.742746	0.074988	474.2266	322.7826	0.001855	0.001721
San Diego	2035	Annual	LDT2	DSL	Aggregate	45	462.6881	4.04E-06	4.6E-06	3.91E-05	0.000143	0.147792	0.101299	2.11E-06	1.94E-06
San Diego	2035	Annual	LDT2	GAS	Aggregate	50	730042.6	0.006407	0.011772	0.451754	0.048616	309.7206	210.8116	0.001172	0.001087
San Diego	2035	Annual	LDT2	DSL	Aggregate	50	302.7426	2.84E-06	3.24E-06	2.4E-05	9.6E-05	0.10497	0.071912	1.48E-06	1.36E-06
San Diego	2035	Annual	LDT2	GAS	Aggregate	55	632983.3	0.005677	0.010431	0.367027	0.041887	278.9867	189.8923	0.001034	0.00096
San Diego	2035	Annual	LDT2	DSL	Aggregate	55	262.4929	2.8E-06	3.19E-06	1.97E-05	8.71E-05	0.10249	0.070167	1.45E-06	1.34E-06
San Diego	2035	Annual	LDT2	GAS	Aggregate	60	721337	0.006932	0.012743	0.391283	0.048926	341.938	232.7402	0.001266	0.001175
San Diego	2035	Annual	LDT2	DSL	Aggregate	60	299.1325	3.82E-06	4.35E-06	2.14E-05	0.000106	0.136467	0.093358	1.98E-06	1.82E-06
San Diego	2035	Annual	LDT2	GAS	Aggregate	65	7698598	0.083325	0.153288	3.906474	0.548523	4067.306	2768.415	0.015309	0.014204

Region Type: Air Basin
Region: San Diego
Calendar Year: 2035
Season: Annual
Vehicle Classification: EMFAC2011 Categories

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	VMT (miles/day)	ROG_RUN (tons/day)	TOG_RUN (tons/day)	CO_RUNE (tons/day)	NOx_RUN (tons/day)	CO2_RUN (tons/day)	CO2_RUN (tons/day)	PM10_RUI (tons/day)	PM2_5_RU (tons/day)
San Diego	2035	Annual	LDT2	DSL	Aggregate	65	3192.545	5.16E-05	5.88E-05	0.000219	0.00123	1.766108	1.207257	2.66E-05	2.45E-05
San Diego	2035	Annual	LHD1	GAS	Aggregate	5	74101.92	0.003929	0.006542	0.061572	0.008262	205.312	184.7808	0.000117	0.000109
San Diego	2035	Annual	LHD1	DSL	Aggregate	5	24090.54	0.005242	0.005967	0.062536	0.04153	13.78328	12.40495	0.001396	0.001284
San Diego	2035	Annual	LHD1	GAS	Aggregate	10	193226.7	0.008274	0.013771	0.13038	0.021999	433.6895	390.3205	0.000246	0.000229
San Diego	2035	Annual	LHD1	DSL	Aggregate	10	80112.01	0.015402	0.017534	0.171707	0.12522	45.8357	41.25213	0.004102	0.003774
San Diego	2035	Annual	LHD1	GAS	Aggregate	15	440003.3	0.012601	0.020973	0.202984	0.052581	675.3607	607.8246	0.000375	0.000348
San Diego	2035	Annual	LHD1	DSL	Aggregate	15	173499.7	0.026476	0.030142	0.262313	0.229215	99.267	89.3403	0.007051	0.006487
San Diego	2035	Annual	LHD1	GAS	Aggregate	20	508420.5	0.010127	0.016869	0.169164	0.063831	563.8416	507.4574	0.000302	0.000281
San Diego	2035	Annual	LHD1	DSL	Aggregate	20	190211.7	0.023552	0.026813	0.2123	0.219799	108.8287	97.94582	0.006272	0.005771
San Diego	2035	Annual	LHD1	GAS	Aggregate	25	391640.5	0.005632	0.009404	0.099041	0.051901	331.5601	298.4041	0.000169	0.000157
San Diego	2035	Annual	LHD1	DSL	Aggregate	25	203577.2	0.020908	0.023802	0.175547	0.213893	116.4757	104.8282	0.005568	0.005123
San Diego	2035	Annual	LHD1	GAS	Aggregate	30	346338.7	0.003779	0.006306	0.070702	0.047783	236.4843	212.8359	0.000113	0.000105
San Diego	2035	Annual	LHD1	DSL	Aggregate	30	171845	0.014964	0.017036	0.119816	0.169425	98.32027	88.48825	0.003985	0.003666
San Diego	2035	Annual	LHD1	GAS	Aggregate	35	129414.2	0.001104	0.001849	0.022364	0.018877	75.3002	67.77018	3.35E-05	3.11E-05
San Diego	2035	Annual	LHD1	DSL	Aggregate	35	90689.26	0.006845	0.007793	0.053506	0.087338	51.88743	46.69868	0.001823	0.001677
San Diego	2035	Annual	LHD1	GAS	Aggregate	40	38200.12	0.000262	0.000444	0.005866	0.005952	20.01143	18.01028	8.14E-06	7.55E-06
San Diego	2035	Annual	LHD1	DSL	Aggregate	40	49785.44	0.003329	0.00379	0.026013	0.048471	28.4845	25.63605	0.000887	0.000816
San Diego	2035	Annual	LHD1	GAS	Aggregate	45	47027.71	0.000278	0.00047	0.006892	0.007536	23.43433	21.09089	8.59E-06	7.97E-06
San Diego	2035	Annual	LHD1	DSL	Aggregate	45	53734.86	0.003255	0.003705	0.026022	0.054564	30.74414	27.66973	0.000867	0.000797
San Diego	2035	Annual	LHD1	GAS	Aggregate	50	347246.1	0.001876	0.003144	0.051802	0.056135	173.9032	156.5128	5.68E-05	5.27E-05
San Diego	2035	Annual	LHD1	DSL	Aggregate	50	207487.3	0.011637	0.013247	0.097459	0.227702	118.7129	106.8416	0.003099	0.002851
San Diego	2035	Annual	LHD1	GAS	Aggregate	55	95509.06	0.000469	0.000794	0.014887	0.016587	50.78932	45.71039	1.46E-05	1.35E-05
San Diego	2035	Annual	LHD1	DSL	Aggregate	55	124950.7	0.006633	0.007551	0.059578	0.154426	71.48997	64.34097	0.001766	0.001625
San Diego	2035	Annual	LHD2	GAS	Aggregate	5	6190.951	0.00024	0.000437	0.003785	0.000516	17.15309	15.43778	7.21E-06	6.69E-06
San Diego	2035	Annual	LHD2	DSL	Aggregate	5	6220.791	0.00124	0.001412	0.015251	0.009681	3.559802	3.203821	0.000336	0.000309
San Diego	2035	Annual	LHD2	GAS	Aggregate	10	16143.41	0.000505	0.000919	0.008015	0.001373	36.23321	32.60989	1.51E-05	1.4E-05
San Diego	2035	Annual	LHD2	DSL	Aggregate	10	20686.96	0.003643	0.004148	0.041876	0.029191	11.83796	10.65417	0.000986	0.000907
San Diego	2035	Annual	LHD2	GAS	Aggregate	15	36760.71	0.000769	0.0014	0.012479	0.003282	56.42398	50.78158	2.31E-05	2.14E-05
San Diego	2035	Annual	LHD2	DSL	Aggregate	15	44802.04	0.006263	0.00713	0.063973	0.053434	25.63764	23.07387	0.001695	0.00156
San Diego	2035	Annual	LHD2	GAS	Aggregate	20	42476.72	0.000618	0.001126	0.010399	0.003984	47.10696	42.39626	1.86E-05	1.72E-05
San Diego	2035	Annual	LHD2	DSL	Aggregate	20	49117.51	0.005571	0.006343	0.051776	0.051239	28.10713	25.29642	0.001508	0.001387
San Diego	2035	Annual	LHD2	GAS	Aggregate	25	32720.17	0.000344	0.000627	0.006089	0.00324	27.70066	24.93059	1.04E-05	9.65E-06
San Diego	2035	Annual	LHD2	DSL	Aggregate	25	52568.83	0.004946	0.005631	0.042813	0.049862	30.08213	27.07392	0.001339	0.001232
San Diego	2035	Annual	LHD2	GAS	Aggregate	30	28935.37	0.000231	0.000421	0.004346	0.002983	19.75742	17.78168	6.97E-06	6.47E-06
San Diego	2035	Annual	LHD2	DSL	Aggregate	30	44374.75	0.00354	0.00403	0.029221	0.039496	25.39313	22.85381	0.000958	0.000881
San Diego	2035	Annual	LHD2	GAS	Aggregate	35	10812.1	6.77E-05	0.000123	0.001375	0.001178	6.291064	5.661957	2.06E-06	1.91E-06
San Diego	2035	Annual	LHD2	DSL	Aggregate	35	23418.28	0.001619	0.001843	0.013049	0.02036	13.40094	12.06085	0.000438	0.000403
San Diego	2035	Annual	LHD2	GAS	Aggregate	40	3191.484	1.62E-05	2.96E-05	0.000361	0.000371	1.671883	1.504695	5E-07	4.64E-07
San Diego	2035	Annual	LHD2	DSL	Aggregate	40	12855.87	0.000788	0.000897	0.006344	0.011299	7.356677	6.62101	0.000213	0.000196
San Diego	2035	Annual	LHD2	GAS	Aggregate	45	3928.998	1.72E-05	3.13E-05	0.000424	0.00047	1.957854	1.762069	5.28E-07	4.9E-07
San Diego	2035	Annual	LHD2	DSL	Aggregate	45	13875.71	0.00077	0.000877	0.006346	0.01272	7.940275	7.146247	0.000208	0.000192
San Diego	2035	Annual	LHD2	GAS	Aggregate	50	29011.17	0.000115	0.00021	0.003185	0.003504	14.52899	13.07609	3.49E-06	3.24E-06
San Diego	2035	Annual	LHD2	DSL	Aggregate	50	53578.52	0.002753	0.003134	0.023768	0.053081	30.65992	27.59392	0.000745	0.000685
San Diego	2035	Annual	LHD2	GAS	Aggregate	55	7979.442	2.9E-05	5.29E-05	0.000915	0.001035	4.243266	3.81894	8.94E-07	8.3E-07
San Diego	2035	Annual	LHD2	DSL	Aggregate	55	32265.47	0.001569	0.001786	0.01453	0.035999	18.46368	16.61731	0.000425	0.000391
San Diego	2035	Annual	MCY	GAS	Aggregate	5	1165.661	0.006014	0.006592	0.029726	0.001572	0.34229	0.308061	6.01E-07	5.28E-07
San Diego	2035	Annual	MCY	GAS	Aggregate	10	3920.321	0.017468	0.01913	0.091559	0.005143	1.047067	0.94236	1.74E-06	1.53E-06
San Diego	2035	Annual	MCY	GAS	Aggregate	15	9924.939	0.034256	0.037496	0.200263	0.012475	2.243086	2.018777	3.39E-06	2.97E-06
San Diego	2035	Annual	MCY	GAS	Aggregate	20	29745.91	0.083914	0.091797	0.540488	0.036507	5.860643	5.274579	8.23E-06	7.19E-06
San Diego	2035	Annual	MCY	GAS	Aggregate	25	84860.09	0.205821	0.225037	1.436046	0.102886	15.01459	13.51314	2E-05	1.75E-05
San Diego	2035	Annual	MCY	GAS	Aggregate	30	74086.34	0.162294	0.177417	1.206489	0.089562	12.12909	10.91618	1.57E-05	1.37E-05
San Diego	2035	Annual	MCY	GAS	Aggregate	35	85096.3	0.177043	0.193481	1.383207	0.103578	13.28924	11.96032	1.71E-05	1.48E-05
San Diego	2035	Annual	MCY	GAS	Aggregate	40	51536.15	0.107017	0.116927	0.870074	0.06371	7.920968	7.128871	1.03E-05	8.9E-06
San Diego	2035	Annual	MCY	GAS	Aggregate	45	37811.78	0.082246	0.089864	0.691602	0.04778	5.907679	5.316911	7.87E-06	6.81E-06
San Diego	2035	Annual	MCY	GAS	Aggregate	50	24740.73	0.059326	0.064814	0.517074	0.032288	4.063783	3.657405	5.66E-06	4.9E-06
San Diego	2035	Annual	MCY	GAS	Aggregate	55	21451.44	0.059129	0.064672	0.532606	0.028833	3.836393	3.452753	5.67E-06	4.9E-06
San Diego	2035	Annual	MCY	GAS	Aggregate	60	24445.7	0.081988	0.089646	0.776609	0.034467	4.937095	4.443386	7.85E-06	6.79E-06
San Diego	2035	Annual	MCY	GAS	Aggregate	65	260901.1	1.123986	1.226982	11.40192	0.391219	61.80293	55.62263	0.000107	9.25E-05
San Diego	2035	Annual	MDV	GAS	Aggregate	5	23306.65	0.002743	0.004838	0.04237	0.004447	48.80799	34.21491	0.000341	0.000317
San Diego	2035	Annual	MDV	DSL	Aggregate	5	25.85567	5.4E-07	6.15E-07	3.43E-06	9.18E-06	0.014368	0.00997	3.27E-07	3.01E-07
San Diego	2035	Annual	MDV	GAS	Aggregate	10	78384.29	0.005849	0.010309	0.129906	0.01285	121.9582	85.49377	0.000723	0.000671
San Diego	2035	Annual	MDV	DSL	Aggregate	10	86.95709	1.54E-06	1.76E-06	1.09E-05	2.93E-05	0.043637	0.030283	9.35E-07	8.6E-07
San Diego	2035	Annual	MDV	GAS	Aggregate	15	198442.8	0.009906	0.017441	0.300535	0.028382	238.0291	166.8602	0.001216	0.001128
San Diego	2035	Annual	MDV	DSL	Aggregate	15	220.1462	2.94E-06	3.34E-06	2.51E-05	6.78E-05	0.092635	0.064299	1.78E-06	1.64E-06
San Diego	2035	Annual	MDV	GAS	Aggregate	20	594750.3	0.020868	0.036708	0.822976	0.076153	569.8031	399.4365	0.002553	0.002369
San Diego	2035	Annual	MDV	DSL	Aggregate	20	659.7974	6.97E-06	7.93E-06	6.85E-05	0.000189	0.241616	0.167736	4.22E-06	3.88E-06
San Diego	2035	Annual	MDV	GAS	Aggregate	25	1696723	0.044103	0.077531	2.151339	0.197875	1347.463	944.5828	0.005384	0.004995
San Diego	2035	Annual	MDV	DSL	Aggregate	25	1882.291	1.66E-05	1.89E-05	0.00018	0.000509	0.622531	0.43224	1E-05	9.25E-06
San Diego	2035	Annual	MDV	GAS	Aggregate	30	1481308	0.030095	0.05286	1.72729	0.159826	1012.416	709.7126	0.003665	0.0034
San Diego	2035	Annual	MDV	DSL	Aggregate	30	1643.317	1.27E-05	1.45E-05	0.000145	0.000426	0.509385	0.353715	7.71E-06	7.1E-06
San Diego	2035	Annual	MDV	GAS	Aggregate	35	1701446	0.028459	0.049971	1.830046	0.172864	1038.689	728.13	0.003461	0.003212
San Diego	2035	Annual	MDV	DSL	Aggregate	35	1887.531	1.35E-05	1.54E-05	0.000154	0.000478	0.569041	0.395158	8.21E-06	7.55E-06
San Diego	2035	Annual	MDV	GAS	Aggregate	40	1030432	0.014949	0.026249	1.025238	0.100298	583.1274	408.7775	0.001818	0.001687
San Diego	2035	Annual	MDV	DSL	Aggregate	40	1143.129	8.01E-06	9.12E-06	8.67E-05	0.000287	0.347807	0.241523	4.85E-06	4.47E-06
San Diego	2035	Annual	MDV	GAS	Aggregate	45	756022.3	0.010035	0.01762	0.698517	0.071575	411.8216	288.6905	0.001221	0.001133
San Diego	2035	Annual	MDV	DSL	Aggregate	45	838.7075	6.05E-06	6.89E-06	5.94E-05	0.000213	0.267249	0.185569	3.67E-06	3.37E-06
San Diego	2035	Annual	MDV	GAS	Aggregate	50	494674.9	0.006317	0.011098	0.424982	0.046516	268.965	188.547	0.000771	0.000715
San Diego	2035	Annual	MDV	DSL	Aggregate	50	548.7769	4.3E-06	4.9E-06	3.64E-05	0.000143	0.190041	0.131942	2.61E-06	2.4E-06

Region Type: Air Basin
Region: San Diego
Calendar Year: 2035
Season: Annual
Vehicle Classification: EMFAC2011 Categories

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	VMT (miles/day)	ROG_RUN (tons/day)	TOG_RUN (tons/day)	CO_RUNE (tons/day)	NOx_RUN (tons/day)	CO2_RUN (tons/day)	CO2_RUN (tons/day)	PM10_RUI (tons/day)	PM2_5_RU (tons/day)
San Diego	2035	Annual	MDV	GAS	Aggregate	55	428907.7	0.005593	0.009817	0.345423	0.040217	242.2707	169.8336	0.00068	0.000631
San Diego	2035	Annual	MDV	DSL	Aggregate	55	475.8168	4.27E-06	4.86E-06	2.97E-05	0.000129	0.185839	0.129003	2.59E-06	2.38E-06
San Diego	2035	Annual	MDV	GAS	Aggregate	60	488776	0.00681	0.01197	0.368506	0.047197	296.9385	208.1562	0.000832	0.000772
San Diego	2035	Annual	MDV	DSL	Aggregate	60	542.2328	5.89E-06	6.7E-06	3.2E-05	0.000156	0.247885	0.172042	3.56E-06	3.28E-06
San Diego	2035	Annual	MDV	GAS	Aggregate	65	5216549	0.08145	0.143655	3.682611	0.53243	3532.107	2476.041	0.010061	0.009335
San Diego	2035	Annual	MDV	DSL	Aggregate	65	5787.076	8.01E-05	9.12E-05	0.000324	0.001797	3.213943	2.230179	4.85E-05	4.47E-05
San Diego	2035	Annual	MH	GAS	Aggregate	5	2770.257	0.000168	0.000302	0.002305	0.000346	7.675471	6.907924	3.1E-06	2.88E-06
San Diego	2035	Annual	MH	DSL	Aggregate	5	415.2465	0.000486	0.000553	0.000854	0.004848	1.102255	0.99203	5.33E-05	4.91E-05
San Diego	2035	Annual	MH	GAS	Aggregate	10	13926.11	0.000679	0.001223	0.009388	0.001783	31.25658	28.13092	1.25E-05	1.16E-05
San Diego	2035	Annual	MH	DSL	Aggregate	10	2066.941	0.001819	0.00207	0.003364	0.0207	4.98186	4.483674	0.00023	0.000212
San Diego	2035	Annual	MH	GAS	Aggregate	15	17591.06	0.000576	0.001036	0.008129	0.002352	27.0005	24.30045	1.06E-05	9.84E-06
San Diego	2035	Annual	MH	DSL	Aggregate	15	2789.652	0.001247	0.001419	0.002727	0.020656	5.520788	4.96871	0.000231	0.000213
San Diego	2035	Annual	MH	GAS	Aggregate	20	18246.25	0.000416	0.000749	0.00609	0.002556	20.23521	18.21169	7.67E-06	7.11E-06
San Diego	2035	Annual	MH	DSL	Aggregate	20	2958.528	0.000626	0.000712	0.001782	0.017048	4.8047	4.32423	0.000185	0.00017
San Diego	2035	Annual	MH	GAS	Aggregate	25	20330.54	0.000337	0.000606	0.005177	0.002978	17.21169	15.49052	6.21E-06	5.76E-06
San Diego	2035	Annual	MH	DSL	Aggregate	25	3081.189	0.000501	0.000571	0.001571	0.015617	4.488226	4.039403	0.000166	0.000153
San Diego	2035	Annual	MH	GAS	Aggregate	30	22986.57	0.000289	0.00052	0.004724	0.003512	15.69551	14.12596	5.32E-06	4.94E-06
San Diego	2035	Annual	MH	DSL	Aggregate	30	3704.88	0.000518	0.000589	0.001765	0.017156	5.065629	4.559066	0.000186	0.000171
San Diego	2035	Annual	MH	GAS	Aggregate	35	28568.82	0.000283	0.000509	0.004993	0.004562	16.62289	14.9606	5.22E-06	4.85E-06
San Diego	2035	Annual	MH	DSL	Aggregate	35	4368.542	0.000525	0.000598	0.00198	0.018662	5.649052	5.084147	0.000213	0.000196
San Diego	2035	Annual	MH	GAS	Aggregate	40	35565.24	0.000289	0.000521	0.005583	0.005931	18.63112	16.76801	5.35E-06	4.97E-06
San Diego	2035	Annual	MH	DSL	Aggregate	40	5422.865	0.000566	0.000644	0.002387	0.021647	6.692682	6.023414	0.00027	0.000249
San Diego	2035	Annual	MH	GAS	Aggregate	45	32433.07	0.000227	0.000408	0.004851	0.005594	16.16168	14.54552	4.19E-06	3.89E-06
San Diego	2035	Annual	MH	DSL	Aggregate	45	4440.607	0.000409	0.000465	0.001941	0.016805	5.28611	4.757499	0.000237	0.000218
San Diego	2035	Annual	MH	GAS	Aggregate	50	31564.04	0.000196	0.000354	0.004734	0.005679	15.80748	14.22673	3.65E-06	3.38E-06
San Diego	2035	Annual	MH	DSL	Aggregate	50	4969.762	0.000414	0.000471	0.002208	0.018214	5.774114	5.196702	0.000296	0.000273
San Diego	2035	Annual	MH	GAS	Aggregate	55	41282.89	0.000237	0.00043	0.00654	0.007769	21.9532	19.75788	4.45E-06	4.13E-06
San Diego	2035	Annual	MH	DSL	Aggregate	55	7282.736	0.000568	0.000647	0.003362	0.02639	8.364218	7.527796	0.000497	0.000457
San Diego	2035	Annual	MH	GAS	Aggregate	60	47638.57	0.000264	0.000481	0.008445	0.0093	28.42041	25.57837	4.99E-06	4.63E-06
San Diego	2035	Annual	MH	DSL	Aggregate	60	8751.427	0.000668	0.000761	0.004281	0.031998	10.06723	9.060511	0.000695	0.00064
San Diego	2035	Annual	MH	GAS	Aggregate	65	7444.129	4.22E-05	7.67E-05	0.001575	0.001481	5.263998	4.737598	7.89E-07	7.32E-07
San Diego	2035	Annual	MH	DSL	Aggregate	65	1377.226	0.000108	0.000123	0.000725	0.005175	1.607789	1.44701	0.000128	0.000118
San Diego	2035	Annual	Motor Coa	DSL	Aggregate	5	244.6135	0.000636	0.000724	0.001271	0.001599	1.066805	0.960125	1.88E-05	1.73E-05
San Diego	2035	Annual	Motor Coa	DSL	Aggregate	10	934.4349	0.001414	0.001609	0.003024	0.004592	3.366472	3.029825	6.58E-05	6.06E-05
San Diego	2035	Annual	Motor Coa	DSL	Aggregate	15	1142.822	0.000879	0.001	0.002145	0.004225	3.380597	3.042537	7.35E-05	6.76E-05
San Diego	2035	Annual	Motor Coa	DSL	Aggregate	20	2502.242	0.000827	0.000941	0.002547	0.006992	5.839376	5.255438	0.000145	0.000133
San Diego	2035	Annual	Motor Coa	DSL	Aggregate	25	2581.242	0.000745	0.000849	0.00248	0.006467	5.620279	5.058251	0.000142	0.000131
San Diego	2035	Annual	Motor Coa	DSL	Aggregate	30	4357.855	0.001097	0.001249	0.004014	0.009844	8.906483	8.015834	0.000239	0.00022
San Diego	2035	Annual	Motor Coa	DSL	Aggregate	35	7839.889	0.001722	0.00196	0.007042	0.016113	15.15391	13.63852	0.000444	0.000408
San Diego	2035	Annual	Motor Coa	DSL	Aggregate	40	7398.578	0.001422	0.001619	0.006604	0.014015	13.64886	12.28398	0.000449	0.000413
San Diego	2035	Annual	Motor Coa	DSL	Aggregate	45	10358.49	0.001757	0.002001	0.009364	0.018398	18.43181	16.58863	0.000695	0.000639
San Diego	2035	Annual	Motor Coa	DSL	Aggregate	50	10772.57	0.001635	0.001862	0.010046	0.018321	18.70887	16.83798	0.000815	0.00075
San Diego	2035	Annual	Motor Coa	DSL	Aggregate	55	13136.49	0.001823	0.002075	0.012851	0.021912	22.5522	20.29698	0.001137	0.001046
San Diego	2035	Annual	Motor Coa	DSL	Aggregate	60	4001.835	0.000522	0.000595	0.004166	0.006715	6.881275	6.193148	0.000399	0.000367
San Diego	2035	Annual	Motor Coa	DSL	Aggregate	65	2191.885	0.000278	0.000317	0.002457	0.003794	3.824896	3.442407	0.000252	0.000232
San Diego	2035	Annual	OBUS	GAS	Aggregate	5	703.6701	6.68E-05	0.000104	0.000976	0.000105	1.949638	1.754674	8.03E-07	7.45E-07
San Diego	2035	Annual	OBUS	GAS	Aggregate	10	3537.356	0.000271	0.00042	0.003975	0.000542	7.93945	7.145505	3.25E-06	3.02E-06
San Diego	2035	Annual	OBUS	GAS	Aggregate	15	4468.287	0.000229	0.000356	0.003442	0.000715	6.858369	6.172532	2.75E-06	2.55E-06
San Diego	2035	Annual	OBUS	GAS	Aggregate	20	4634.711	0.000166	0.000257	0.002578	0.000777	5.139925	4.625932	1.99E-06	1.84E-06
San Diego	2035	Annual	OBUS	GAS	Aggregate	25	5164.139	0.000134	0.000208	0.002192	0.000905	4.371924	3.934731	1.61E-06	1.49E-06
San Diego	2035	Annual	OBUS	GAS	Aggregate	30	5838.795	0.000115	0.000179	0.002	0.001067	3.986801	3.588121	1.38E-06	1.28E-06
San Diego	2035	Annual	OBUS	GAS	Aggregate	35	7256.737	0.000113	0.000175	0.002114	0.001387	4.222363	3.800127	1.35E-06	1.26E-06
San Diego	2035	Annual	OBUS	GAS	Aggregate	40	9033.889	0.000115	0.000179	0.002364	0.001803	4.732472	4.259225	1.39E-06	1.29E-06
San Diego	2035	Annual	OBUS	GAS	Aggregate	45	8238.289	9.03E-05	0.00014	0.002054	0.0017	4.105213	3.694691	1.09E-06	1.01E-06
San Diego	2035	Annual	OBUS	GAS	Aggregate	50	8017.549	7.81E-05	0.000122	0.002004	0.001726	4.015242	3.613718	9.45E-07	8.76E-07
San Diego	2035	Annual	OBUS	GAS	Aggregate	55	10486.22	9.36E-05	0.000148	0.002769	0.002362	5.57631	5.018679	1.15E-06	1.07E-06
San Diego	2035	Annual	OBUS	GAS	Aggregate	60	12100.62	0.000104	0.000165	0.003575	0.002827	7.21904	6.497136	1.29E-06	1.2E-06
San Diego	2035	Annual	OBUS	GAS	Aggregate	65	1890.875	1.67E-05	2.64E-05	0.000667	0.00045	1.337103	1.203392	2.05E-07	1.9E-07
San Diego	2035	Annual	PTO	DSL	Aggregate	20	60504.51	0.017568	0.02	0.05405	0.136697	141.199	127.0791	0.002928	0.002694
San Diego	2035	Annual	SBUS	GAS	Aggregate	5	169.3055	0.000109	0.000129	0.0015	0.000119	0.46909	0.422181	5.63E-07	5.23E-07
San Diego	2035	Annual	SBUS	DSL	Aggregate	5	320.0451	0.000805	0.000916	0.001427	0.004323	0.923408	0.831067	2.27E-05	2.09E-05
San Diego	2035	Annual	SBUS	GAS	Aggregate	10	593.4073	0.000309	0.000365	0.004264	0.000428	1.331878	1.19869	1.59E-06	1.48E-06
San Diego	2035	Annual	SBUS	DSL	Aggregate	10	1121.742	0.001641	0.001868	0.003116	0.011391	2.673599	2.406239	7.3E-05	6.71E-05
San Diego	2035	Annual	SBUS	GAS	Aggregate	15	1186.814	0.000413	0.000488	0.005832	0.000898	1.82164	1.639476	2.13E-06	1.97E-06
San Diego	2035	Annual	SBUS	DSL	Aggregate	15	2243.483	0.001668	0.001899	0.003616	0.01714	4.390513	3.951461	0.000133	0.000123
San Diego	2035	Annual	SBUS	GAS	Aggregate	20	1610.908	0.000391	0.000462	0.00572	0.001277	1.786507	1.607856	2.01E-06	1.87E-06
San Diego	2035	Annual	SBUS	DSL	Aggregate	20	3045.163	0.000973	0.001108	0.002661	0.017585	4.701379	4.231241	0.000162	0.000149
San Diego	2035	Annual	SBUS	GAS	Aggregate	25	2542.926	0.000448	0.00053	0.006891	0.002107	2.152823	1.937541	2.31E-06	2.14E-06
San Diego	2035	Annual	SBUS	DSL	Aggregate	25	4806.995	0.001342	0.001528	0.003966	0.024887	6.924372	6.231935	0.000245	0.000225
San Diego	2035	Annual	SBUS	GAS	Aggregate	30	3050.843	0.000407	0.000482	0.006667	0.002638	2.083153	1.874837	2.1E-06	1.95E-06
San Diego	2035	Annual	SBUS	DSL	Aggregate	30	5767.13	0.001404	0.001599	0.00456	0.026922	7.797775	7.017998	0.000291	0.000268
San Diego	2035	Annual	SBUS	GAS	Aggregate	35	3131.306	0.00033	0.00039	0.005824	0.002827	1.821964	1.639767	1.7E-06	1.58E-06
San Diego	2035	Annual	SBUS	DSL	Aggregate	35	5919.234	0.001257	0.001431	0.004565	0.025141	7.569334	6.812401	0.000309	0.000285
San Diego	2035	Annual	SBUS	GAS	Aggregate	40	2113.797	0.000183	0.000216	0.003536	0.001988	1.107329	0.996596	9.46E-07	8.78E-07
San Diego	2035	Annual	SBUS	DSL	Aggregate	40	3995.796	0.000743	0.000846	0.003062	0.015643	4.876732	4.389059	0.000224	0.000206
San Diego	2035	Annual	SBUS	GAS	Aggregate	45	1014.149	7.53E-05	8.91E-05	0.001613	0.000991	0.505359	0.454823	3.9E-07	3.61E-07
San Diego	2035	Annual	SBUS	DSL	Aggregate	45	1917.087	0.000315	0.000358	0.001488	0.007037	2.256788	2.031109	0.000119	0.000109
San Diego	2035	Annual	SBUS	GAS	Aggregate	50	507.9166	3.38E-05	4E-05	0.000813	0.000513	0.254368	0.228931	1.74E-07	1.62E-07

Region Type: Air Basin
Region: San Diego
Calendar Year: 2035
Season: Annual
Vehicle Classification: EMFAC2011 Categories

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	VMT (miles/day)	ROG_RUN (tons/day)	TOG_RUN (tons/day)	CO_RUNE (tons/day)	NOx_RUN (tons/day)	CO2_RUN (tons/day)	CO2_RUN (tons/day)	PM10_RUI (tons/day)	PM2_5_RU (tons/day)
San Diego	2035	Annual	SBUS	DSL	Aggregate	50	960.1352	0.000141	0.00016	0.000769	0.003375	1.103158	0.992843	6.71E-05	6.17E-05
San Diego	2035	Annual	SBUS	GAS	Aggregate	55	756.0014	4.64E-05	5.51E-05	0.001276	0.000803	0.402022	0.36182	2.42E-07	2.25E-07
San Diego	2035	Annual	SBUS	DSL	Aggregate	55	1429.1	0.000192	0.000218	0.0012	0.004926	1.623115	1.460804	0.000114	0.000105
San Diego	2035	Annual	SBUS	GAS	Aggregate	60	420.7503	2.52E-05	2.98E-05	0.000798	0.000461	0.251013	0.225912	1.31E-07	1.22E-07
San Diego	2035	Annual	SBUS	DSL	Aggregate	60	795.3612	0.0001	0.000114	0.000711	0.002758	0.904798	0.814318	7.31E-05	6.73E-05
San Diego	2035	Annual	T6 Ag	DSL	Aggregate	5	48.03556	6.35E-05	7.23E-05	0.000113	0.0002	0.13557	0.122013	2.45E-06	2.26E-06
San Diego	2035	Annual	T6 Ag	DSL	Aggregate	10	239.1029	0.000184	0.000209	0.000349	0.00075	0.55745	0.501705	1.12E-05	1.03E-05
San Diego	2035	Annual	T6 Ag	DSL	Aggregate	15	322.706	0.000126	0.000144	0.000273	0.000761	0.617756	0.555981	1.38E-05	1.27E-05
San Diego	2035	Annual	T6 Ag	DSL	Aggregate	20	342.2414	5.75E-05	6.54E-05	0.000157	0.00061	0.516851	0.465166	1.31E-05	1.21E-05
San Diego	2035	Annual	T6 Ag	DSL	Aggregate	25	356.4308	5.23E-05	5.96E-05	0.000155	0.00057	0.502227	0.452004	1.31E-05	1.2E-05
San Diego	2035	Annual	T6 Ag	DSL	Aggregate	30	428.5792	5.49E-05	6.24E-05	0.000178	0.000618	0.566839	0.510155	1.56E-05	1.44E-05
San Diego	2035	Annual	T6 Ag	DSL	Aggregate	35	505.3513	5.64E-05	6.42E-05	0.000205	0.000663	0.632126	0.568913	1.9E-05	1.75E-05
San Diego	2035	Annual	T6 Ag	DSL	Aggregate	40	627.315	6.13E-05	6.98E-05	0.000253	0.000758	0.748909	0.674018	2.53E-05	2.33E-05
San Diego	2035	Annual	T6 Ag	DSL	Aggregate	45	513.6878	4.43E-05	5.04E-05	0.00021	0.000582	0.591516	0.532364	2.29E-05	2.11E-05
San Diego	2035	Annual	T6 Ag	DSL	Aggregate	50	574.9002	4.44E-05	5.05E-05	0.000242	0.000624	0.646124	0.581512	2.89E-05	2.66E-05
San Diego	2035	Annual	T6 Ag	DSL	Aggregate	55	842.4641	5.94E-05	6.76E-05	0.000372	0.000897	0.935957	0.842362	4.85E-05	4.46E-05
San Diego	2035	Annual	T6 Ag	DSL	Aggregate	60	1012.362	6.71E-05	7.64E-05	0.000476	0.001084	1.126525	1.013873	6.7E-05	6.17E-05
San Diego	2035	Annual	T6 Ag	DSL	Aggregate	65	159.317	1.03E-05	1.17E-05	8.06E-05	0.000176	0.179912	0.16192	1.22E-05	1.12E-05
San Diego	2035	Annual	T6 Public	DSL	Aggregate	5	429.1492	0.000406	0.000463	0.00072	0.001144	1.211353	1.090218	1.46E-05	1.34E-05
San Diego	2035	Annual	T6 Public	DSL	Aggregate	10	2136.143	0.001176	0.001339	0.002233	0.004248	4.98097	4.482873	6.58E-05	6.05E-05
San Diego	2035	Annual	T6 Public	DSL	Aggregate	15	2883.052	0.000807	0.000919	0.00175	0.004285	5.519821	4.967839	8.02E-05	7.38E-05
San Diego	2035	Annual	T6 Public	DSL	Aggregate	20	3057.581	0.000368	0.000419	0.001008	0.003433	4.618201	4.156381	7.58E-05	6.97E-05
San Diego	2035	Annual	T6 Public	DSL	Aggregate	25	3184.35	0.000334	0.000381	0.00099	0.00322	4.487532	4.038779	7.51E-05	6.91E-05
San Diego	2035	Annual	T6 Public	DSL	Aggregate	30	3828.923	0.000351	0.000399	0.00114	0.003509	5.064863	4.558376	8.95E-05	8.24E-05
San Diego	2035	Annual	T6 Public	DSL	Aggregate	35	4514.804	0.00036	0.00041	0.00131	0.003785	5.648215	5.083393	0.000109	0.0001
San Diego	2035	Annual	T6 Public	DSL	Aggregate	40	5604.426	0.000392	0.000446	0.001615	0.004354	6.691707	6.022537	0.000145	0.000133
San Diego	2035	Annual	T6 Public	DSL	Aggregate	45	4589.282	0.000283	0.000322	0.001339	0.003359	5.285352	4.756817	0.000131	0.00012
San Diego	2035	Annual	T6 Public	DSL	Aggregate	50	5136.153	0.000284	0.000323	0.001545	0.003615	5.773293	5.195964	0.000165	0.000152
San Diego	2035	Annual	T6 Public	DSL	Aggregate	55	7526.567	0.00038	0.000433	0.002374	0.005209	8.363034	7.52673	0.000277	0.000255
San Diego	2035	Annual	T6 Public	DSL	Aggregate	60	9044.431	0.00043	0.000489	0.003036	0.006304	10.06581	9.059226	0.000383	0.000352
San Diego	2035	Annual	T6 Public	DSL	Aggregate	65	1423.336	6.59E-05	7.51E-05	0.000514	0.001023	1.607559	1.446803	6.96E-05	6.4E-05
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	5	6.877321	7.94E-06	9.04E-06	1.41E-05	2.35E-05	0.019406	0.017465	2.95E-07	2.72E-07
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	10	34.23271	2.3E-05	2.62E-05	4.37E-05	8.81E-05	0.079794	0.071815	1.35E-06	1.24E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	15	46.20228	1.58E-05	1.79E-05	3.42E-05	8.94E-05	0.088426	0.079584	1.66E-06	1.53E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	20	48.9992	7.19E-06	8.18E-06	1.97E-05	7.17E-05	0.073983	0.066584	1.58E-06	1.46E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	25	51.03072	6.54E-06	7.45E-06	1.93E-05	6.69E-05	0.071889	0.0647	1.57E-06	1.45E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	30	61.36031	6.86E-06	7.81E-06	2.23E-05	7.26E-05	0.081138	0.073024	1.88E-06	1.73E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	35	72.35189	7.05E-06	8.03E-06	2.56E-05	7.78E-05	0.090483	0.081435	2.29E-06	2.11E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	40	89.8136	7.66E-06	8.73E-06	3.16E-05	8.91E-05	0.1072	0.09648	3.05E-06	2.8E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	45	73.54543	5.54E-06	6.3E-06	2.62E-05	6.84E-05	0.08467	0.076203	2.76E-06	2.54E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	50	82.3093	5.55E-06	6.31E-06	3.02E-05	7.33E-05	0.092487	0.083238	3.48E-06	3.2E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	55	120.6168	7.43E-06	8.46E-06	4.65E-05	0.000105	0.133974	0.120576	5.83E-06	5.37E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	60	144.9413	8.4E-06	9.56E-06	5.95E-05	0.000127	0.161252	0.145127	8.07E-06	7.42E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	65	22.80964	1.29E-06	1.46E-06	1.01E-05	2.07E-05	0.025753	0.023177	1.47E-06	1.35E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	5	23.80874	2.61E-05	2.97E-05	4.63E-05	7.49E-05	0.06718	0.060462	9.55E-07	8.79E-07
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	10	118.5109	7.56E-05	8.61E-05	0.000144	0.00028	0.276239	0.248615	4.36E-06	4.01E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	15	159.9486	5.19E-05	5.9E-05	0.000112	0.000285	0.306123	0.275511	5.37E-06	4.94E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	20	169.6313	2.36E-05	2.69E-05	6.47E-05	0.000228	0.25612	0.230508	5.11E-06	4.71E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	25	176.6643	2.15E-05	2.45E-05	6.36E-05	0.000213	0.248874	0.223986	5.08E-06	4.68E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	30	212.4245	2.26E-05	2.57E-05	7.33E-05	0.000231	0.280892	0.252802	6.07E-06	5.59E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	35	250.4765	2.32E-05	2.64E-05	8.43E-05	0.000248	0.313244	0.281919	7.4E-06	6.81E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	40	310.9276	2.52E-05	2.87E-05	0.000104	0.000284	0.371115	0.334003	9.86E-06	9.07E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	45	254.6085	1.82E-05	2.07E-05	8.62E-05	0.000218	0.29312	0.263808	8.92E-06	8.2E-06
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	50	284.9483	1.82E-05	2.08E-05	9.95E-05	0.000233	0.32018	0.288162	1.13E-05	1.04E-05
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	55	417.5659	2.44E-05	2.78E-05	0.000153	0.000335	0.463804	0.417424	1.89E-05	1.74E-05
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	60	501.7754	2.76E-05	3.14E-05	0.000196	0.000405	0.558238	0.502415	2.61E-05	2.4E-05
San Diego	2035	Annual	T6 CAIRP	DSL	Aggregate	65	78.96518	4.23E-06	4.82E-06	3.31E-05	6.58E-05	0.089153	0.080238	4.74E-06	4.36E-06
San Diego	2035	Annual	T6 OOS he	DSL	Aggregate	5	3.942912	4.55E-06	5.18E-06	8.07E-06	1.35E-05	0.011126	0.010013	1.69E-07	1.56E-07
San Diego	2035	Annual	T6 OOS he	DSL	Aggregate	10	19.62633	1.32E-05	1.5E-05	2.5E-05	5.05E-05	0.045748	0.041173	7.73E-07	7.11E-07
San Diego	2035	Annual	T6 OOS he	DSL	Aggregate	15	26.48873	9.04E-06	1.03E-05	1.96E-05	5.13E-05	0.050697	0.045627	9.52E-07	8.76E-07
San Diego	2035	Annual	T6 OOS he	DSL	Aggregate	20	28.09226	4.12E-06	4.69E-06	1.13E-05	4.11E-05	0.042416	0.038174	9.07E-07	8.34E-07
San Diego	2035	Annual	T6 OOS he	DSL	Aggregate	25	29.25698	3.75E-06	4.27E-06	1.11E-05	3.84E-05	0.041216	0.037094	9.02E-07	8.3E-07
San Diego	2035	Annual	T6 OOS he	DSL	Aggregate	30	35.17915	3.93E-06	4.48E-06	1.28E-05	4.16E-05	0.046518	0.041866	1.08E-06	9.91E-07
San Diego	2035	Annual	T6 OOS he	DSL	Aggregate	35	41.48085	4.04E-06	4.6E-06	1.47E-05	4.46E-05	0.051876	0.046688	1.31E-06	1.21E-06
San Diego	2035	Annual	T6 OOS he	DSL	Aggregate	40	51.49201	4.39E-06	5E-06	1.81E-05	5.11E-05	0.06146	0.055314	1.75E-06	1.61E-06
San Diego	2035	Annual	T6 OOS he	DSL	Aggregate	45	42.16513	3.18E-06	3.61E-06	1.5E-05	3.92E-05	0.048543	0.043689	1.58E-06	1.45E-06
San Diego	2035	Annual	T6 OOS he	DSL	Aggregate	50	47.18964	3.18E-06	3.62E-06	1.73E-05	4.2E-05	0.053025	0.047722	2E-06	1.84E-06
San Diego	2035	Annual	T6 OOS he	DSL	Aggregate	55	69.15214	4.26E-06	4.85E-06	2.67E-05	6.04E-05	0.07681	0.069129	3.34E-06	3.08E-06
San Diego	2035	Annual	T6 OOS he	DSL	Aggregate	60	83.09788	4.81E-06	5.48E-06	3.41E-05	7.3E-05	0.092449	0.083204	4.63E-06	4.26E-06
San Diego	2035	Annual	T6 OOS he	DSL	Aggregate	65	13.07724	7.37E-07	8.39E-07	5.78E-06	1.18E-05	0.014765	0.013288	8.4E-07	7.73E-07
San Diego	2035	Annual	T6 OOS sr	DSL	Aggregate	5	13.65005	1.5E-05	1.7E-05	2.66E-05	4.29E-05	0.038516	0.034664	5.47E-07	5.04E-07
San Diego	2035	Annual	T6 OOS sr	DSL	Aggregate	10	67.9448	4.34E-05	4.94E-05	8.23E-05	0.000161	0.158374	0.142536	2.5E-06	2.3E-06
San Diego	2035	Annual	T6 OOS sr	DSL	Aggregate	15	91.70189	2.97E-05	3.39E-05	6.45E-05	0.000163	0.175507	0.157956	3.08E-06	2.83E-06
San Diego	2035	Annual	T6 OOS sr	DSL	Aggregate	20	97.25319	1.36E-05	1.54E-05	3.71E-05	0.000131	0.146839	0.132155	2.93E-06	2.7E-06
San Diego	2035	Annual	T6 OOS sr	DSL	Aggregate	25	101.2853	1.23E-05	1.4E-05	3.64E-05	0.000122	0.142684	0.128416	2.92E-06	2.68E-06
San Diego	2035	Annual	T6 OOS sr	DSL	Aggregate	30	121.7874	1.29E-05	1.47E-05	4.2E-05	0.000132	0.161041	0.144937	3.48E-06	3.2E-06
San Diego	2035	Annual	T6 OOS sr	DSL	Aggregate	35	143.6034	1.33E-05	1.51E-05	4.83E-05	0.000142	0.179589	0.16163	4.24E-06	3.9E-06
San Diego	2035	Annual	T6 OOS sr	DSL	Aggregate	40	178.2613	1.45E-05	1.65E-05	5.96E-05	0.000163	0.212768	0.191491	5.65E-06	5.2E-06

Region Type: Air Basin
Region: San Diego
Calendar Year: 2035
Season: Annual
Vehicle Classification: EMFAC2011 Categories

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	VMT (miles/day)	ROG_RUN (tons/day)	TOG_RUN (tons/day)	CO_RUNE (tons/day)	NOx_RUN (tons/day)	CO2_RUN (tons/day)	CO2_RUN (tons/day)	PM10_RUI (tons/day)	PM2_5_RU (tons/day)
San Diego	2035	Annual	T6 OOS sr	DSL	Aggregate	45	145.9723	1.04E-05	1.19E-05	4.94E-05	0.000125	0.168052	0.151246	5.11E-06	4.7E-06
San Diego	2035	Annual	T6 OOS sr	DSL	Aggregate	50	163.3668	1.05E-05	1.19E-05	5.71E-05	0.000134	0.183566	0.165209	6.45E-06	5.94E-06
San Diego	2035	Annual	T6 OOS sr	DSL	Aggregate	55	239.3992	1.4E-05	1.6E-05	8.77E-05	0.000192	0.265909	0.239318	1.08E-05	9.95E-06
San Diego	2035	Annual	T6 OOS sr	DSL	Aggregate	60	287.6783	1.58E-05	1.8E-05	0.000112	0.000232	0.32005	0.288045	1.5E-05	1.38E-05
San Diego	2035	Annual	T6 OOS sr	DSL	Aggregate	65	45.27238	2.43E-06	2.76E-06	1.9E-05	3.77E-05	0.051114	0.046002	2.72E-06	2.5E-06
San Diego	2035	Annual	T6 instate	DSL	Aggregate	5	426.107	0.000532	0.000606	0.000944	0.001651	1.202365	1.082128	2.03E-05	1.87E-05
San Diego	2035	Annual	T6 instate	DSL	Aggregate	10	2121	0.001542	0.001755	0.002927	0.006177	4.94401	4.449609	9.27E-05	8.53E-05
San Diego	2035	Annual	T6 instate	DSL	Aggregate	15	2862.614	0.001057	0.001204	0.002292	0.006273	5.478863	4.930977	0.000114	0.000105
San Diego	2035	Annual	T6 instate	DSL	Aggregate	20	3035.906	0.000482	0.000549	0.001318	0.005028	4.583933	4.12554	0.000109	0.0001
San Diego	2035	Annual	T6 instate	DSL	Aggregate	25	3161.776	0.000439	0.000499	0.001296	0.004695	4.454234	4.008811	0.000108	9.95E-05
San Diego	2035	Annual	T6 instate	DSL	Aggregate	30	3801.779	0.00046	0.000524	0.001493	0.00509	5.027281	4.524553	0.000129	0.000119
San Diego	2035	Annual	T6 instate	DSL	Aggregate	35	4482.798	0.000473	0.000539	0.001717	0.005461	5.606304	5.045674	0.000157	0.000145
San Diego	2035	Annual	T6 instate	DSL	Aggregate	40	5564.696	0.000514	0.000585	0.002118	0.006248	6.642054	5.977848	0.00021	0.000193
San Diego	2035	Annual	T6 instate	DSL	Aggregate	45	4556.748	0.000371	0.000423	0.001757	0.004797	5.246134	4.72152	0.00019	0.000174
San Diego	2035	Annual	T6 instate	DSL	Aggregate	50	5099.742	0.000372	0.000423	0.002028	0.005141	5.730454	5.157409	0.000239	0.00022
San Diego	2035	Annual	T6 instate	DSL	Aggregate	55	7473.21	0.000498	0.000567	0.003118	0.007388	8.300979	7.470881	0.000401	0.000369
San Diego	2035	Annual	T6 instate	DSL	Aggregate	60	8980.315	0.000563	0.000641	0.003987	0.008932	9.991117	8.992006	0.000555	0.00051
San Diego	2035	Annual	T6 instate	DSL	Aggregate	65	1413.246	8.62E-05	9.82E-05	0.000676	0.00145	1.595631	1.436068	0.000101	9.27E-05
San Diego	2035	Annual	T6 instate	DSL	Aggregate	5	1268.078	0.001447	0.001647	0.002565	0.004256	3.578113	3.220302	5.36E-05	4.93E-05
San Diego	2035	Annual	T6 instate	DSL	Aggregate	10	6312.017	0.004189	0.004769	0.007956	0.015927	14.71286	13.24158	0.000245	0.000225
San Diego	2035	Annual	T6 instate	DSL	Aggregate	15	8519.032	0.002873	0.003271	0.006229	0.016173	16.30453	14.67408	0.000302	0.000277
San Diego	2035	Annual	T6 instate	DSL	Aggregate	20	9034.743	0.00131	0.001491	0.003582	0.012965	13.64131	12.27718	0.000287	0.000264
San Diego	2035	Annual	T6 instate	DSL	Aggregate	25	9409.327	0.001192	0.001357	0.003522	0.012105	13.25534	11.92981	0.000285	0.000263
San Diego	2035	Annual	T6 instate	DSL	Aggregate	30	11313.95	0.00125	0.001423	0.004059	0.013124	14.96067	13.4646	0.000341	0.000314
San Diego	2035	Annual	T6 instate	DSL	Aggregate	35	13340.64	0.001286	0.001463	0.004667	0.01408	16.68378	15.0154	0.000416	0.000382
San Diego	2035	Annual	T6 instate	DSL	Aggregate	40	16560.33	0.001397	0.00159	0.005757	0.01611	19.76607	17.78946	0.000553	0.000509
San Diego	2035	Annual	T6 instate	DSL	Aggregate	45	13560.71	0.001009	0.001149	0.004775	0.012369	15.61195	14.05076	0.000501	0.000461
San Diego	2035	Annual	T6 instate	DSL	Aggregate	50	15176.64	0.001011	0.001151	0.005512	0.013255	17.05324	15.34792	0.000632	0.000582
San Diego	2035	Annual	T6 instate	DSL	Aggregate	55	22240	0.001354	0.001541	0.008474	0.01905	24.70286	22.23257	0.001059	0.000974
San Diego	2035	Annual	T6 instate	DSL	Aggregate	60	26725.08	0.00153	0.001742	0.010836	0.02303	29.73253	26.75928	0.001465	0.001348
San Diego	2035	Annual	T6 instate	DSL	Aggregate	65	4205.768	0.000234	0.000267	0.001836	0.003738	4.748432	4.273589	0.000266	0.000245
San Diego	2035	Annual	T6 instate	DSL	Aggregate	5	1785.669	0.002233	0.002542	0.00396	0.006927	5.038709	4.534838	8.52E-05	7.84E-05
San Diego	2035	Annual	T6 instate	DSL	Aggregate	10	8888.387	0.006466	0.007361	0.01228	0.025923	20.7187	18.64683	0.000389	0.000358
San Diego	2035	Annual	T6 instate	DSL	Aggregate	15	11996.24	0.004435	0.005049	0.009615	0.026323	22.96009	20.66408	0.000479	0.000441
San Diego	2035	Annual	T6 instate	DSL	Aggregate	20	12722.45	0.002022	0.002302	0.005529	0.021101	19.20973	17.28876	0.000456	0.00042
San Diego	2035	Annual	T6 instate	DSL	Aggregate	25	13249.92	0.00184	0.002095	0.005436	0.019702	18.66621	16.79959	0.000454	0.000417
San Diego	2035	Annual	T6 instate	DSL	Aggregate	30	15931.96	0.001929	0.002196	0.006265	0.021361	21.06766	18.96089	0.000542	0.000498
San Diego	2035	Annual	T6 instate	DSL	Aggregate	35	18785.88	0.001984	0.002259	0.007204	0.022917	23.49415	21.14473	0.00066	0.000608
San Diego	2035	Annual	T6 instate	DSL	Aggregate	40	23319.74	0.002156	0.002455	0.008886	0.02622	27.83463	25.05117	0.000879	0.000809
San Diego	2035	Annual	T6 instate	DSL	Aggregate	45	19095.78	0.001558	0.001774	0.00737	0.020132	21.9848	19.78632	0.000795	0.000732
San Diego	2035	Annual	T6 instate	DSL	Aggregate	50	21371.28	0.00156	0.001776	0.008509	0.021574	24.01442	21.61298	0.001004	0.000924
San Diego	2035	Annual	T6 instate	DSL	Aggregate	55	31317.67	0.00209	0.002379	0.01308	0.031006	34.78663	31.30797	0.001683	0.001548
San Diego	2035	Annual	T6 instate	DSL	Aggregate	60	37633.43	0.002362	0.002689	0.016726	0.037483	41.86944	37.68249	0.002328	0.002141
San Diego	2035	Annual	T6 instate	DSL	Aggregate	65	5922.433	0.000362	0.000412	0.002834	0.006084	6.686756	6.018081	0.000423	0.000389
San Diego	2035	Annual	T6 instate	DSL	Aggregate	5	5302.721	0.006052	0.00689	0.010732	0.017808	14.96259	13.46633	0.000224	0.000206
San Diego	2035	Annual	T6 instate	DSL	Aggregate	10	26394.95	0.017525	0.019951	0.03328	0.066643	61.52477	55.3723	0.001024	0.000942
San Diego	2035	Annual	T6 instate	DSL	Aggregate	15	35624.02	0.012019	0.013683	0.026058	0.067672	68.18065	61.36258	0.001261	0.001161
San Diego	2035	Annual	T6 instate	DSL	Aggregate	20	37780.56	0.00548	0.006239	0.014984	0.054246	57.04386	51.33948	0.001202	0.001105
San Diego	2035	Annual	T6 instate	DSL	Aggregate	25	39346.96	0.004987	0.005677	0.014732	0.05065	55.42985	49.88687	0.001194	0.001099
San Diego	2035	Annual	T6 instate	DSL	Aggregate	30	47311.53	0.005229	0.005953	0.016978	0.054914	62.56102	56.30491	0.001426	0.001312
San Diego	2035	Annual	T6 instate	DSL	Aggregate	35	55786.53	0.005378	0.006122	0.019524	0.058913	69.76656	62.78991	0.001739	0.0016
San Diego	2035	Annual	T6 instate	DSL	Aggregate	40	69250.29	0.005843	0.006652	0.024083	0.067406	82.65575	74.39017	0.002316	0.00213
San Diego	2035	Annual	T6 instate	DSL	Aggregate	45	56706.8	0.004222	0.004807	0.019974	0.051754	65.28449	58.75604	0.002095	0.001927
San Diego	2035	Annual	T6 instate	DSL	Aggregate	50	63464.13	0.004229	0.004814	0.02306	0.055461	71.31152	64.18037	0.002645	0.002433
San Diego	2035	Annual	T6 instate	DSL	Aggregate	55	93000.94	0.005664	0.006448	0.035447	0.079709	103.2999	92.96992	0.004431	0.004076
San Diego	2035	Annual	T6 instate	DSL	Aggregate	60	111756.2	0.006401	0.007287	0.04533	0.09636	124.3325	111.8993	0.006129	0.005639
San Diego	2035	Annual	T6 instate	DSL	Aggregate	65	17587.25	0.00098	0.001116	0.007681	0.015641	19.85652	17.87087	0.001113	0.001024
San Diego	2035	Annual	T6 utility	DSL	Aggregate	5	47.70022	4.41E-05	5.02E-05	7.82E-05	0.00011	0.134594	0.121135	1.5E-06	1.38E-06
San Diego	2035	Annual	T6 utility	DSL	Aggregate	10	237.4337	0.000128	0.000145	0.000242	0.000413	0.55344	0.498096	6.86E-06	6.31E-06
San Diego	2035	Annual	T6 utility	DSL	Aggregate	15	320.4531	8.75E-05	9.96E-05	0.00019	0.000419	0.613312	0.551981	8.46E-06	7.78E-06
San Diego	2035	Annual	T6 utility	DSL	Aggregate	20	339.8522	3.99E-05	4.54E-05	0.000109	0.000336	0.513132	0.461819	8.05E-06	7.41E-06
San Diego	2035	Annual	T6 utility	DSL	Aggregate	25	353.9426	3.63E-05	4.13E-05	0.000107	0.000314	0.498613	0.448752	8.01E-06	7.37E-06
San Diego	2035	Annual	T6 utility	DSL	Aggregate	30	425.5873	3.81E-05	4.34E-05	0.000124	0.00034	0.562761	0.506485	9.56E-06	8.8E-06
San Diego	2035	Annual	T6 utility	DSL	Aggregate	35	501.8235	3.92E-05	4.46E-05	0.000142	0.000365	0.627578	0.56482	1.17E-05	1.07E-05
San Diego	2035	Annual	T6 utility	DSL	Aggregate	40	622.9357	4.26E-05	4.84E-05	0.000175	0.000418	0.743521	0.669169	1.55E-05	1.43E-05
San Diego	2035	Annual	T6 utility	DSL	Aggregate	45	510.1018	3.07E-05	3.5E-05	0.000145	0.000321	0.58726	0.528534	1.4E-05	1.29E-05
San Diego	2035	Annual	T6 utility	DSL	Aggregate	50	570.8868	3.08E-05	3.51E-05	0.000168	0.000344	0.641475	0.577328	1.77E-05	1.63E-05
San Diego	2035	Annual	T6 utility	DSL	Aggregate	55	836.5829	4.13E-05	4.7E-05	0.000258	0.000494	0.929224	0.836301	2.97E-05	2.73E-05
San Diego	2035	Annual	T6 utility	DSL	Aggregate	60	1005.295	4.66E-05	5.31E-05	0.00033	0.000597	1.11842	1.006578	4.11E-05	3.78E-05
San Diego	2035	Annual	T6 utility	DSL	Aggregate	65	158.2048	7.14E-06	8.13E-06	5.59E-05	9.69E-05	0.178617	0.160755	7.46E-06	6.86E-06
San Diego	2035	Annual	T6TS	GAS	Aggregate	5	1878.757	0.00017	0.000268	0.002498	0.000271	5.205418	4.684876	2.21E-06	2.05E-06
San Diego	2035	Annual	T6TS	GAS	Aggregate	10	9444.528	0.00069	0.001085	0.010172	0.001398	21.19785	19.07807	8.96E-06	8.31E-06
San Diego	2035	Annual	T6TS	GAS	Aggregate	15	11930.06	0.000585	0.000919	0.008807	0.001844	18.31143	16.48029	7.57E-06	7.02E-06
San Diego	2035	Annual	T6TS	GAS	Aggregate	20	12374.4	0.000422	0.000664	0.006598	0.002004	13.72329	12.35096	5.48E-06	5.08E-06
San Diego	2035	Annual	T6TS	GAS	Aggregate	25	13787.94	0.000342	0.000538	0.005609	0.002335	11.67277	10.5055	4.43E-06	4.11E-06
San Diego	2035	Annual	T6TS	GAS	Aggregate	30	15589.23	0.000293	0.000461	0.005118	0.002753	10.64452	9.580068	3.8E-06	3.52E-06
San Diego	2035	Annual	T6TS	GAS	Aggregate	35	19375.05	0.000287	0.000452	0.005409	0.003577	11.27346	10.14611	3.73E-06	3.46E-06
San Diego	2035	Annual	T6TS	GAS	Aggregate	40	24119.94	0.000293	0.000462	0.006049	0.00465	12.63542	11.37188	3.82E-06	3.55E-06

Region Type: Air Basin
Region: San Diego
Calendar Year: 2035
Season: Annual
Vehicle Classification: EMFAC2011 Categories

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	VMT (miles/day)	ROG_RUN (tons/day)	TOG_RUN (tons/day)	CO_RUNE (tons/day)	NOx_RUN (tons/day)	CO2_RUN (tons/day)	CO2_RUN (tons/day)	PM10_RUI (tons/day)	PM2_5_RU (tons/day)
San Diego	2035	Annual	T6TS	GAS	Aggregate	45	21995.74	0.00023	0.000362	0.005256	0.004385	10.96067	9.864605	2.99E-06	2.77E-06
San Diego	2035	Annual	T6TS	GAS	Aggregate	50	21406.37	0.000199	0.000314	0.005129	0.004452	10.72046	9.64841	2.6E-06	2.42E-06
San Diego	2035	Annual	T6TS	GAS	Aggregate	55	27997.59	0.000239	0.000382	0.007086	0.006091	14.88841	13.39957	3.17E-06	2.95E-06
San Diego	2035	Annual	T6TS	GAS	Aggregate	60	32307.94	0.000265	0.000427	0.00915	0.007291	19.27441	17.34697	3.56E-06	3.3E-06
San Diego	2035	Annual	T6TS	GAS	Aggregate	65	5048.524	4.25E-05	6.81E-05	0.001706	0.001161	3.569984	3.212985	5.64E-07	5.23E-07
San Diego	2035	Annual	T7 Ag	DSL	Aggregate	5	54.88255	0.000151	0.000172	0.000302	0.000388	0.23939	0.215451	4.52E-06	4.16E-06
San Diego	2035	Annual	T7 Ag	DSL	Aggregate	10	209.6539	0.000336	0.000382	0.000718	0.001114	0.755433	0.67989	1.58E-05	1.46E-05
San Diego	2035	Annual	T7 Ag	DSL	Aggregate	15	256.4084	0.000209	0.000238	0.000509	0.001025	0.758603	0.682743	1.77E-05	1.63E-05
San Diego	2035	Annual	T7 Ag	DSL	Aggregate	20	561.4138	0.000196	0.000224	0.000605	0.001697	1.310351	1.179316	3.47E-05	3.2E-05
San Diego	2035	Annual	T7 Ag	DSL	Aggregate	25	579.1386	0.000177	0.000202	0.000589	0.001569	1.261186	1.135067	3.42E-05	3.15E-05
San Diego	2035	Annual	T7 Ag	DSL	Aggregate	30	977.7472	0.000261	0.000297	0.000953	0.002389	1.998607	1.798746	5.74E-05	5.28E-05
San Diego	2035	Annual	T7 Ag	DSL	Aggregate	35	1758.992	0.000409	0.000466	0.001672	0.00391	3.400523	3.060471	0.000107	9.82E-05
San Diego	2035	Annual	T7 Ag	DSL	Aggregate	40	1659.977	0.000338	0.000385	0.001568	0.003401	3.062792	2.756513	0.000108	9.94E-05
San Diego	2035	Annual	T7 Ag	DSL	Aggregate	45	2324.076	0.000417	0.000475	0.002223	0.004464	4.136081	3.722473	0.000167	0.000154
San Diego	2035	Annual	T7 Ag	DSL	Aggregate	50	2416.981	0.000388	0.000442	0.002385	0.004446	4.198253	3.778428	0.000196	0.00018
San Diego	2035	Annual	T7 Ag	DSL	Aggregate	55	2947.361	0.000433	0.000493	0.003051	0.005317	5.060692	4.554623	0.000273	0.000251
San Diego	2035	Annual	T7 Ag	DSL	Aggregate	60	897.8691	0.000124	0.000141	0.000989	0.001629	1.544152	1.389737	9.58E-05	8.82E-05
San Diego	2035	Annual	T7 Ag	DSL	Aggregate	65	491.7809	6.61E-05	7.53E-05	0.000583	0.000921	0.858303	0.772473	6.06E-05	5.57E-05
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	5	1702.898	0.00483	0.005498	0.009653	0.012722	7.426594	6.683935	0.000147	0.000135
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	10	6505.148	0.010732	0.012218	0.022974	0.036538	23.43578	21.0922	0.000514	0.000473
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	15	7955.849	0.00667	0.007593	0.0163	0.033621	23.53411	21.1807	0.000574	0.000528
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	20	17419.57	0.006279	0.007148	0.019352	0.055641	40.65097	36.58587	0.001128	0.001038
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	25	17969.53	0.005659	0.006442	0.018845	0.05146	39.12572	35.21315	0.00111	0.001022
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	30	30337.57	0.008332	0.009485	0.030494	0.078334	62.00271	55.80244	0.001862	0.001713
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	35	54578.06	0.013074	0.014884	0.053502	0.128221	105.4943	94.94489	0.003464	0.003187
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	40	51505.83	0.010799	0.012294	0.050172	0.11153	95.01691	85.51522	0.003506	0.003225
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	45	72111.5	0.013342	0.015189	0.071144	0.146409	128.3135	115.4822	0.005422	0.004988
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	50	74994.19	0.012417	0.014136	0.076326	0.145795	130.2423	117.2181	0.006362	0.005853
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	55	91450.82	0.01384	0.015756	0.097633	0.174368	156.9977	141.2979	0.008869	0.008159
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	60	27859.12	0.003965	0.004514	0.031652	0.053438	47.90418	43.11376	0.00311	0.002862
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	65	15259	0.002114	0.002406	0.018667	0.030189	26.62712	23.96441	0.001966	0.001809
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	5	146.9786	0.000417	0.000475	0.000833	0.001098	0.640996	0.576896	1.27E-05	1.16E-05
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	10	561.4649	0.000926	0.001055	0.001983	0.003154	2.022763	1.820486	4.44E-05	4.08E-05
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	15	686.6762	0.000576	0.000655	0.001407	0.002902	2.031249	1.828125	4.95E-05	4.55E-05
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	20	1503.498	0.000542	0.000617	0.00167	0.004803	3.50862	3.157758	9.73E-05	8.96E-05
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	25	1550.966	0.000488	0.000556	0.001627	0.004442	3.376975	3.039277	9.59E-05	8.82E-05
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	30	2618.462	0.000719	0.000819	0.002632	0.006762	5.351507	4.816357	0.000161	0.000148
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	35	4710.679	0.001128	0.001285	0.004618	0.011068	9.105306	8.194775	0.000299	0.000275
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	40	4445.513	0.000932	0.001061	0.004331	0.009627	8.200991	7.380892	0.000303	0.000278
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	45	6224.006	0.001152	0.001311	0.006141	0.012638	11.07485	9.967365	0.000468	0.000431
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	50	6472.813	0.001072	0.00122	0.006588	0.012585	11.24132	10.11719	0.000549	0.000505
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	55	7893.199	0.001195	0.00136	0.008427	0.015051	13.55061	12.19555	0.000766	0.000704
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	60	2404.544	0.000342	0.00039	0.002732	0.004613	4.134651	3.721186	0.000268	0.000247
San Diego	2035	Annual	T7 CAIRP	DSL	Aggregate	65	1317.017	0.000182	0.000208	0.001611	0.002606	2.298209	2.068388	0.00017	0.000156
San Diego	2035	Annual	T7 NNOOS	DSL	Aggregate	5	1915.696	0.004717	0.00537	0.009419	0.01148	8.354634	7.51917	0.000137	0.000126
San Diego	2035	Annual	T7 NNOOS	DSL	Aggregate	10	7318.048	0.010483	0.011934	0.022415	0.032971	26.36436	23.72792	0.000479	0.000441
San Diego	2035	Annual	T7 NNOOS	DSL	Aggregate	15	8950.033	0.006515	0.007416	0.015904	0.030338	26.47497	23.82748	0.000535	0.000492
San Diego	2035	Annual	T7 NNOOS	DSL	Aggregate	20	19596.36	0.006132	0.006981	0.018881	0.050209	45.73078	41.1577	0.001052	0.000968
San Diego	2035	Annual	T7 NNOOS	DSL	Aggregate	25	20215.05	0.005527	0.006292	0.018386	0.046435	44.01494	39.61344	0.001036	0.000953
San Diego	2035	Annual	T7 NNOOS	DSL	Aggregate	30	34128.64	0.008138	0.009264	0.029752	0.070686	69.75067	62.77561	0.001737	0.001598
San Diego	2035	Annual	T7 NNOOS	DSL	Aggregate	35	61398.27	0.012769	0.014537	0.0522	0.115702	118.6771	106.8094	0.003232	0.002973
San Diego	2035	Annual	T7 NNOOS	DSL	Aggregate	40	57942.13	0.010548	0.012008	0.048951	0.100641	106.8904	96.20134	0.003271	0.00301
San Diego	2035	Annual	T7 NNOOS	DSL	Aggregate	45	81122.74	0.013031	0.014835	0.069414	0.132114	144.3478	129.913	0.005059	0.004655
San Diego	2035	Annual	T7 NNOOS	DSL	Aggregate	50	84365.66	0.012128	0.013807	0.074469	0.13156	146.5176	131.8658	0.005936	0.005461
San Diego	2035	Annual	T7 NNOOS	DSL	Aggregate	55	102878.8	0.013518	0.015389	0.095258	0.157344	176.6164	158.9548	0.008275	0.007613
San Diego	2035	Annual	T7 NNOOS	DSL	Aggregate	60	31340.46	0.003873	0.004409	0.030882	0.04822	53.89036	48.50133	0.002902	0.00267
San Diego	2035	Annual	T7 NNOOS	DSL	Aggregate	65	17165.8	0.002064	0.00235	0.018213	0.027242	29.95449	26.95904	0.001834	0.001688
San Diego	2035	Annual	T7 NOOS	DSL	Aggregate	5	620.1521	0.001759	0.002002	0.003516	0.004633	2.704577	2.434119	5.34E-05	4.91E-05
San Diego	2035	Annual	T7 NOOS	DSL	Aggregate	10	2369.01	0.003908	0.00445	0.008367	0.013306	8.534716	7.681245	0.000187	0.000172
San Diego	2035	Annual	T7 NOOS	DSL	Aggregate	15	2897.318	0.002429	0.002765	0.005936	0.012244	8.570526	7.713473	0.000209	0.000192
San Diego	2035	Annual	T7 NOOS	DSL	Aggregate	20	6343.764	0.002286	0.002603	0.007047	0.020263	14.80405	13.32365	0.000411	0.000378
San Diego	2035	Annual	T7 NOOS	DSL	Aggregate	25	6544.047	0.002061	0.002346	0.006863	0.01874	14.24859	12.82373	0.000404	0.000372
San Diego	2035	Annual	T7 NOOS	DSL	Aggregate	30	11048.17	0.003034	0.003454	0.011105	0.028527	22.57981	20.32183	0.000678	0.000624
San Diego	2035	Annual	T7 NOOS	DSL	Aggregate	35	19875.94	0.004761	0.00542	0.019484	0.046695	38.41835	34.57652	0.001261	0.00116
San Diego	2035	Annual	T7 NOOS	DSL	Aggregate	40	18757.11	0.003933	0.004477	0.018271	0.040617	34.60274	31.14247	0.001277	0.001175
San Diego	2035	Annual	T7 NOOS	DSL	Aggregate	45	26261.18	0.004859	0.005531	0.025909	0.053318	46.72852	42.05567	0.001975	0.001817
San Diego	2035	Annual	T7 NOOS	DSL	Aggregate	50	27310.98	0.004522	0.005148	0.027796	0.053095	47.43093	42.68784	0.002317	0.002131
San Diego	2035	Annual	T7 NOOS	DSL	Aggregate	55	33304.07	0.00504	0.005738	0.035556	0.0635	57.17457	51.45712	0.00323	0.002971
San Diego	2035	Annual	T7 NOOS	DSL	Aggregate	60	10145.58	0.001444	0.001644	0.011527	0.019461	17.44548	15.70094	0.001133	0.001042
San Diego	2035	Annual	T7 NOOS	DSL	Aggregate	65	5556.939	0.00077	0.000876	0.006798	0.010994	9.696919	8.727228	0.000716	0.000659
San Diego	2035	Annual	T7 other po	DSL	Aggregate	5	392.8997	0.001341	0.001526	0.002683	0.003832	1.713493	1.542143	4.27E-05	3.93E-05
San Diego	2035	Annual	T7 other po	DSL	Aggregate	10	1500.895	0.00298	0.003392	0.006386	0.011004	5.407195	4.866475	0.00015	0.000138
San Diego	2035	Annual	T7 other po	DSL	Aggregate	15	1835.607	0.001852	0.002108	0.004531	0.010126	5.429882	4.886894	0.000167	0.000154
San Diego	2035	Annual	T7 other po	DSL	Aggregate	20	4019.116	0.001743	0.001984	0.005379	0.016758	9.37915	8.441235	0.000329	0.000302
San Diego	2035	Annual	T7 other po	DSL	Aggregate	25	4146.006	0.001571	0.001789	0.005238	0.015498	9.027239	8.124515	0.000324	0.000298
San Diego	2035	Annual	T7 other po	DSL	Aggregate	30	6999.613	0.002313	0.002633	0.008476	0.023592	14.30551	12.87496	0.000543	0.000499
San Diego	2035	Annual	T7 other po	DSL	Aggregate	35	12592.48	0.00363	0.004132	0.014871	0.038617	24.34006	21.90606	0.00101	0.000929
San Diego	2035	Annual	T7 other po	DSL	Aggregate	40	11883.64	0.002998	0.003413	0.013946	0.03359	21.92267	19.7304	0.001022	0.00094

Region Type: Air Basin
Region: San Diego
Calendar Year: 2035
Season: Annual
Vehicle Classification: EMFAC2011 Categories

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	VMT (miles/day)	ROG_RUN (tons/day)	TOG_RUN (tons/day)	CO_RUNE (tons/day)	NOx_RUN (tons/day)	CO2_RUN (tons/day)	CO2_RUN (tons/day)	PM10_RUI (tons/day)	PM2_5_RU (tons/day)
San Diego	2035	Annual	T7 other pc	DSL	Aggregate	45	16637.87	0.003704	0.004217	0.019775	0.044095	29.60499	26.6445	0.00158	0.001454
San Diego	2035	Annual	T7 other pc	DSL	Aggregate	50	17302.98	0.003447	0.003924	0.021215	0.04391	30.05001	27.045	0.001854	0.001706
San Diego	2035	Annual	T7 other pc	DSL	Aggregate	55	21099.92	0.003842	0.004374	0.027138	0.052516	36.22312	32.60081	0.002585	0.002378
San Diego	2035	Annual	T7 other pc	DSL	Aggregate	60	6427.772	0.001101	0.001253	0.008798	0.016094	11.05264	9.947375	0.000907	0.000834
San Diego	2035	Annual	T7 other pc	DSL	Aggregate	65	3520.62	0.000587	0.000668	0.005189	0.009092	6.143512	5.529161	0.000573	0.000527
San Diego	2035	Annual	T7 POAK	DSL	Aggregate	5	0	0	0	0	0	0	0	0	0
San Diego	2035	Annual	T7 POAK	DSL	Aggregate	10	0	0	0	0	0	0	0	0	0
San Diego	2035	Annual	T7 POAK	DSL	Aggregate	15	0	0	0	0	0	0	0	0	0
San Diego	2035	Annual	T7 POAK	DSL	Aggregate	20	0	0	0	0	0	0	0	0	0
San Diego	2035	Annual	T7 POAK	DSL	Aggregate	25	0	0	0	0	0	0	0	0	0
San Diego	2035	Annual	T7 POAK	DSL	Aggregate	30	0	0	0	0	0	0	0	0	0
San Diego	2035	Annual	T7 POAK	DSL	Aggregate	35	0	0	0	0	0	0	0	0	0
San Diego	2035	Annual	T7 POAK	DSL	Aggregate	40	0	0	0	0	0	0	0	0	0
San Diego	2035	Annual	T7 POAK	DSL	Aggregate	45	0	0	0	0	0	0	0	0	0
San Diego	2035	Annual	T7 POAK	DSL	Aggregate	50	0	0	0	0	0	0	0	0	0
San Diego	2035	Annual	T7 POAK	DSL	Aggregate	55	0	0	0	0	0	0	0	0	0
San Diego	2035	Annual	T7 POAK	DSL	Aggregate	60	0	0	0	0	0	0	0	0	0
San Diego	2035	Annual	T7 POAK	DSL	Aggregate	65	0	0	0	0	0	0	0	0	0
San Diego	2035	Annual	T7 POLA	DSL	Aggregate	5	343.1819	0.001171	0.001333	0.002344	0.003347	1.496666	1.346999	3.73E-05	3.43E-05
San Diego	2035	Annual	T7 POLA	DSL	Aggregate	10	1310.971	0.002603	0.002963	0.005578	0.009612	4.722964	4.250667	0.000131	0.00012
San Diego	2035	Annual	T7 POLA	DSL	Aggregate	15	1603.328	0.001617	0.001841	0.003957	0.008844	4.74278	4.268502	0.000146	0.000134
San Diego	2035	Annual	T7 POLA	DSL	Aggregate	20	3510.534	0.001523	0.001733	0.004698	0.014637	8.192304	7.373074	0.000287	0.000264
San Diego	2035	Annual	T7 POLA	DSL	Aggregate	25	3621.367	0.001372	0.001562	0.004575	0.013537	7.884925	7.096432	0.000283	0.00026
San Diego	2035	Annual	T7 POLA	DSL	Aggregate	30	6113.876	0.00202	0.0023	0.007403	0.020607	12.49528	11.24575	0.000474	0.000436
San Diego	2035	Annual	T7 POLA	DSL	Aggregate	35	10999.02	0.00317	0.003609	0.01299	0.033731	21.26005	19.13404	0.000882	0.000811
San Diego	2035	Annual	T7 POLA	DSL	Aggregate	40	10379.88	0.002619	0.002981	0.012181	0.02934	19.14856	17.2337	0.000893	0.000821
San Diego	2035	Annual	T7 POLA	DSL	Aggregate	45	14532.5	0.003235	0.003683	0.017273	0.038515	25.85875	23.27288	0.00138	0.00127
San Diego	2035	Annual	T7 POLA	DSL	Aggregate	50	15113.44	0.003011	0.003428	0.018531	0.038353	26.24745	23.62271	0.00162	0.00149
San Diego	2035	Annual	T7 POLA	DSL	Aggregate	55	18429.92	0.003356	0.003821	0.023704	0.04587	31.63942	28.47547	0.002258	0.002077
San Diego	2035	Annual	T7 POLA	DSL	Aggregate	60	5614.397	0.000961	0.001095	0.007685	0.014058	9.654028	8.688625	0.000792	0.000729
San Diego	2035	Annual	T7 POLA	DSL	Aggregate	65	3075.118	0.000513	0.000583	0.004532	0.007942	5.366107	4.829496	0.0005	0.00046
San Diego	2035	Annual	T7 Public	DSL	Aggregate	5	89.41454	0.000168	0.000192	0.000332	0.000725	0.391198	0.352078	6.75E-06	6.21E-06
San Diego	2035	Annual	T7 Public	DSL	Aggregate	10	341.5677	0.000374	0.000426	0.000795	0.001978	1.234487	1.111039	2.13E-05	1.96E-05
San Diego	2035	Annual	T7 Public	DSL	Aggregate	15	417.74	0.000233	0.000265	0.00057	0.001738	1.239667	1.1157	2.16E-05	1.98E-05
San Diego	2035	Annual	T7 Public	DSL	Aggregate	20	914.6543	0.000218	0.000248	0.000685	0.002862	2.141303	1.927173	3.87E-05	3.56E-05
San Diego	2035	Annual	T7 Public	DSL	Aggregate	25	943.5314	0.000196	0.000223	0.000662	0.002738	2.06096	1.854864	3.72E-05	3.42E-05
San Diego	2035	Annual	T7 Public	DSL	Aggregate	30	1592.944	0.000287	0.000327	0.001063	0.004319	3.266013	2.939411	6.07E-05	5.59E-05
San Diego	2035	Annual	T7 Public	DSL	Aggregate	35	2865.746	0.000449	0.000511	0.001852	0.007329	5.556947	5.001253	0.00011	0.000102
San Diego	2035	Annual	T7 Public	DSL	Aggregate	40	2704.431	0.00037	0.000422	0.001725	0.006599	5.005046	4.504541	0.00011	0.000101
San Diego	2035	Annual	T7 Public	DSL	Aggregate	45	3786.379	0.000458	0.000521	0.002433	0.008934	6.758956	6.08306	0.000168	0.000155
San Diego	2035	Annual	T7 Public	DSL	Aggregate	50	3937.741	0.000427	0.000486	0.002599	0.009118	6.860553	6.174498	0.000197	0.000181
San Diego	2035	Annual	T7 Public	DSL	Aggregate	55	4801.835	0.00048	0.000546	0.003316	0.011085	8.269904	7.442913	0.000274	0.000252
San Diego	2035	Annual	T7 Public	DSL	Aggregate	60	1462.807	0.000139	0.000158	0.001074	0.00342	2.523368	2.271031	9.66E-05	8.89E-05
San Diego	2035	Annual	T7 Public	DSL	Aggregate	65	801.2085	7.52E-05	8.56E-05	0.000633	0.001926	1.402592	1.262333	6.14E-05	5.65E-05
San Diego	2035	Annual	T7 Single	DSL	Aggregate	5	912.5457	0.002085	0.002373	0.00416	0.004822	3.979843	3.581859	5.88E-05	5.41E-05
San Diego	2035	Annual	T7 Single	DSL	Aggregate	10	3485.967	0.004633	0.005274	0.0099	0.013849	12.55902	11.30312	0.000206	0.000189
San Diego	2035	Annual	T7 Single	DSL	Aggregate	15	4263.366	0.002879	0.003278	0.007024	0.012743	12.61171	11.35054	0.00023	0.000211
San Diego	2035	Annual	T7 Single	DSL	Aggregate	20	9334.766	0.00271	0.003086	0.008339	0.02109	21.78448	19.60603	0.000452	0.000416
San Diego	2035	Annual	T7 Single	DSL	Aggregate	25	9629.48	0.002443	0.002781	0.00812	0.019505	20.96711	18.8704	0.000445	0.000409
San Diego	2035	Annual	T7 Single	DSL	Aggregate	30	16257.24	0.003597	0.004095	0.01314	0.029692	33.22668	29.90401	0.000746	0.000686
San Diego	2035	Annual	T7 Single	DSL	Aggregate	35	29247.19	0.005644	0.006425	0.023055	0.0486	56.53344	50.88009	0.001388	0.001277
San Diego	2035	Annual	T7 Single	DSL	Aggregate	40	27600.85	0.004662	0.005307	0.02162	0.042274	50.91869	45.82682	0.001405	0.001292
San Diego	2035	Annual	T7 Single	DSL	Aggregate	45	38642.98	0.00576	0.006557	0.030657	0.055494	68.76203	61.88583	0.002172	0.001998
San Diego	2035	Annual	T7 Single	DSL	Aggregate	50	40187.75	0.00536	0.006102	0.03289	0.055261	69.79564	62.81607	0.002549	0.002345
San Diego	2035	Annual	T7 Single	DSL	Aggregate	55	49006.5	0.005975	0.006802	0.042072	0.066092	84.13362	75.72026	0.003553	0.003269
San Diego	2035	Annual	T7 Single	DSL	Aggregate	60	14929.09	0.001712	0.001949	0.013639	0.020255	25.67141	23.10427	0.001246	0.001146
San Diego	2035	Annual	T7 Single	DSL	Aggregate	65	8176.963	0.000912	0.001039	0.008044	0.011443	14.26923	12.8423	0.000788	0.000725
San Diego	2035	Annual	T7 single c	DSL	Aggregate	5	380.2142	0.000869	0.000989	0.001734	0.002011	1.65821	1.492389	2.45E-05	2.25E-05
San Diego	2035	Annual	T7 single c	DSL	Aggregate	10	1452.436	0.001931	0.002199	0.004127	0.005774	5.232741	4.709467	8.58E-05	7.9E-05
San Diego	2035	Annual	T7 single c	DSL	Aggregate	15	1776.341	0.0012	0.001366	0.002928	0.005313	5.254696	4.729227	9.58E-05	8.81E-05
San Diego	2035	Annual	T7 single c	DSL	Aggregate	20	3889.351	0.00113	0.001286	0.003476	0.008793	9.076548	8.168893	0.000188	0.000173
San Diego	2035	Annual	T7 single c	DSL	Aggregate	25	4012.145	0.001018	0.001159	0.003385	0.008133	8.735991	7.862392	0.000185	0.000171
San Diego	2035	Annual	T7 single c	DSL	Aggregate	30	6773.617	0.001499	0.001707	0.005477	0.01238	13.84396	12.45957	0.000311	0.000286
San Diego	2035	Annual	T7 single c	DSL	Aggregate	35	12185.91	0.002353	0.002678	0.00961	0.020264	23.55477	21.19929	0.000579	0.000532
San Diego	2035	Annual	T7 single c	DSL	Aggregate	40	11499.96	0.001943	0.002212	0.009012	0.017626	21.21537	19.09384	0.000586	0.000539
San Diego	2035	Annual	T7 single c	DSL	Aggregate	45	16100.68	0.002401	0.002733	0.012779	0.023138	28.64984	25.78486	0.000906	0.000833
San Diego	2035	Annual	T7 single c	DSL	Aggregate	50	16744.32	0.002234	0.002544	0.013709	0.023041	29.08049	26.17244	0.001063	0.000978
San Diego	2035	Annual	T7 single c	DSL	Aggregate	55	20418.67	0.00249	0.002835	0.017536	0.027557	35.05444	31.549	0.001481	0.001363
San Diego	2035	Annual	T7 single c	DSL	Aggregate	60	6220.24	0.000713	0.000812	0.005685	0.008445	10.69604	9.62644	0.00052	0.000478
San Diego	2035	Annual	T7 single c	DSL	Aggregate	65	3406.95	0.00038	0.000433	0.003353	0.004771	5.945302	5.350772	0.000328	0.000302
San Diego	2035	Annual	T7 SWCV	DSL	Aggregate	5	260.7144	0.000553	0.00063	0.001102	0.001322	1.13769	1.023921	1.54E-05	1.42E-05
San Diego	2035	Annual	T7 SWCV	DSL	Aggregate	10	995.9412	0.00123	0.0014	0.002624	0.003781	3.590159	3.231143	5.37E-05	4.94E-05
San Diego	2035	Annual	T7 SWCV	DSL	Aggregate	15	1218.044	0.000764	0.00087	0.001863	0.003466	3.605222	3.2447	5.95E-05	5.48E-05
San Diego	2035	Annual	T7 SWCV	DSL	Aggregate	20	2666.944	0.000719	0.000819	0.002214	0.005733	6.227377	5.604639	0.000116	0.000107
San Diego	2035	Annual	T7 SWCV	DSL	Aggregate	25	2751.144	0.000648	0.000738	0.002155	0.005317	5.993722	5.39435	0.000114	0.000105
San Diego	2035	Annual	T7 SWCV	DSL	Aggregate	30	4644.697	0.000954	0.001086	0.003485	0.008118	9.498279	8.548451	0.000192	0.000176
San Diego	2035	Annual	T7 SWCV	DSL	Aggregate	35	8355.926	0.001496	0.001703	0.006111	0.013329	16.16082	14.54474	0.000356	0.000328
San Diego	2035	Annual	T7 SWCV	DSL	Aggregate	40	7885.567	0.001236	0.001407	0.005728	0.01163	14.55577	13.10019	0.00036	0.000331

Region Type: Air Basin
Region: San Diego
Calendar Year: 2035
Season: Annual
Vehicle Classification: EMFAC2011 Categories

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	VMT (miles/day)	ROG_RUN (tons/day)	TOG_RUN (tons/day)	CO_RUNE (tons/day)	NOx_RUN (tons/day)	CO2_RUN (tons/day)	CO2_RUN (tons/day)	PM10_RUI (tons/day)	PM2_5_RU (tons/day)
San Diego	2035	Annual	T7 SWCV	DSL	Aggregate	45	11040.3	0.001527	0.001738	0.00812	0.015311	19.65652	17.69087	0.000557	0.000512
San Diego	2035	Annual	T7 SWCV	DSL	Aggregate	50	11481.65	0.001421	0.001618	0.008709	0.015282	19.95199	17.95679	0.000653	0.000601
San Diego	2035	Annual	T7 SWCV	DSL	Aggregate	55	14001.16	0.001585	0.001804	0.011138	0.018306	24.05069	21.64562	0.00091	0.000838
San Diego	2035	Annual	T7 SWCV	DSL	Aggregate	60	4265.244	0.000454	0.000517	0.003611	0.005614	7.338505	6.604655	0.000319	0.000294
San Diego	2035	Annual	T7 SWCV	DSL	Aggregate	65	2336.16	0.000243	0.000276	0.002129	0.003171	4.079044	3.671139	0.000202	0.000186
San Diego	2035	Annual	T7 tractor	DSL	Aggregate	5	2515.757	0.007167	0.008159	0.014325	0.018898	10.97187	9.874687	0.000218	0.0002
San Diego	2035	Annual	T7 tractor	DSL	Aggregate	10	9610.307	0.015928	0.018132	0.034092	0.054274	34.62347	31.16112	0.000763	0.000702
San Diego	2035	Annual	T7 tractor	DSL	Aggregate	15	11753.48	0.009899	0.011269	0.024189	0.04994	34.76874	31.29187	0.000851	0.000783
San Diego	2035	Annual	T7 tractor	DSL	Aggregate	20	25734.6	0.009318	0.010608	0.028717	0.08265	60.05678	54.0511	0.001674	0.00154
San Diego	2035	Annual	T7 tractor	DSL	Aggregate	25	26547.09	0.008398	0.009561	0.027964	0.076438	57.80342	52.02308	0.001649	0.001517
San Diego	2035	Annual	T7 tractor	DSL	Aggregate	30	44818.87	0.012365	0.014076	0.045251	0.116358	91.60134	82.44121	0.002764	0.002543
San Diego	2035	Annual	T7 tractor	DSL	Aggregate	35	80630.27	0.019402	0.022088	0.079393	0.190461	155.8548	140.2693	0.005142	0.00473
San Diego	2035	Annual	T7 tractor	DSL	Aggregate	40	76091.56	0.016027	0.018246	0.074451	0.165668	140.3757	126.3382	0.005205	0.004788
San Diego	2035	Annual	T7 tractor	DSL	Aggregate	45	106533.1	0.0198	0.022541	0.105573	0.217476	189.5674	170.6106	0.008049	0.007405
San Diego	2035	Annual	T7 tractor	DSL	Aggregate	50	110791.8	0.018428	0.020979	0.113262	0.216564	192.4169	173.1752	0.009444	0.008688
San Diego	2035	Annual	T7 tractor	DSL	Aggregate	55	135103.8	0.02054	0.023383	0.144881	0.259007	231.9447	208.7502	0.013166	0.012113
San Diego	2035	Annual	T7 tractor	DSL	Aggregate	60	41157.35	0.005884	0.006699	0.046969	0.079377	70.7725	63.69525	0.004617	0.004248
San Diego	2035	Annual	T7 tractor	DSL	Aggregate	65	22542.71	0.003137	0.003571	0.027701	0.044843	39.33827	35.40445	0.002918	0.002685
San Diego	2035	Annual	T7 tractor (	DSL	Aggregate	5	283.4778	0.000809	0.000921	0.001618	0.002136	1.236323	1.11269	2.46E-05	2.26E-05
San Diego	2035	Annual	T7 tractor (	DSL	Aggregate	10	1082.898	0.001799	0.002048	0.00385	0.006135	3.901409	3.511269	8.62E-05	7.93E-05
San Diego	2035	Annual	T7 tractor (	DSL	Aggregate	15	1324.393	0.001118	0.001273	0.002731	0.005645	3.917779	3.526001	9.62E-05	8.85E-05
San Diego	2035	Annual	T7 tractor (	DSL	Aggregate	20	2899.799	0.001052	0.001198	0.003243	0.009342	6.767262	6.090536	0.000189	0.000174
San Diego	2035	Annual	T7 tractor (	DSL	Aggregate	25	2991.35	0.000948	0.00108	0.003158	0.00864	6.513351	5.862016	0.000186	0.000171
San Diego	2035	Annual	T7 tractor (	DSL	Aggregate	30	5050.232	0.001396	0.00159	0.00511	0.013152	10.32174	9.289563	0.000312	0.000287
San Diego	2035	Annual	T7 tractor (	DSL	Aggregate	35	9085.494	0.002191	0.002494	0.008965	0.021529	17.56189	15.8057	0.000581	0.000534
San Diego	2035	Annual	T7 tractor (	DSL	Aggregate	40	8574.067	0.00181	0.00206	0.008407	0.018726	15.81769	14.23592	0.000588	0.000541
San Diego	2035	Annual	T7 tractor (	DSL	Aggregate	45	12004.25	0.002236	0.002545	0.011922	0.024582	21.36065	19.22459	0.000909	0.000837
San Diego	2035	Annual	T7 tractor (	DSL	Aggregate	50	12484.12	0.002081	0.002369	0.01279	0.024479	21.68174	19.51356	0.001067	0.000982
San Diego	2035	Annual	T7 tractor (	DSL	Aggregate	55	15223.63	0.002319	0.00264	0.016361	0.029277	26.13577	23.5222	0.001488	0.001369
San Diego	2035	Annual	T7 tractor (	DSL	Aggregate	60	4637.648	0.000664	0.000756	0.005304	0.008972	7.974721	7.177249	0.000522	0.00048
San Diego	2035	Annual	T7 tractor (	DSL	Aggregate	65	2540.133	0.000354	0.000403	0.003128	0.005069	4.432679	3.989411	0.00033	0.000303
San Diego	2035	Annual	T7 utility	DSL	Aggregate	5	12.84404	2.4E-05	2.73E-05	4.77E-05	4.67E-05	0.056015	0.050414	6.16E-07	5.67E-07
San Diego	2035	Annual	T7 utility	DSL	Aggregate	10	49.06481	5.32E-05	6.06E-05	0.000114	0.000134	0.176766	0.159089	2.16E-06	1.99E-06
San Diego	2035	Annual	T7 utility	DSL	Aggregate	15	60.00667	3.31E-05	3.77E-05	8.06E-05	0.000123	0.177507	0.159756	2.41E-06	2.22E-06
San Diego	2035	Annual	T7 utility	DSL	Aggregate	20	131.3864	3.11E-05	3.55E-05	9.57E-05	0.000204	0.306612	0.275951	4.74E-06	4.36E-06
San Diego	2035	Annual	T7 utility	DSL	Aggregate	25	135.5345	2.81E-05	3.2E-05	9.31E-05	0.000189	0.295108	0.265597	4.66E-06	4.29E-06
San Diego	2035	Annual	T7 utility	DSL	Aggregate	30	228.8199	4.13E-05	4.71E-05	0.000151	0.000288	0.467658	0.420893	7.82E-06	7.19E-06
San Diego	2035	Annual	T7 utility	DSL	Aggregate	35	411.6528	6.49E-05	7.38E-05	0.000264	0.000471	0.795696	0.716127	1.45E-05	1.34E-05
San Diego	2035	Annual	T7 utility	DSL	Aggregate	40	388.4806	5.36E-05	6.1E-05	0.000248	0.000409	0.71667	0.645003	1.47E-05	1.35E-05
San Diego	2035	Annual	T7 utility	DSL	Aggregate	45	543.8981	6.62E-05	7.54E-05	0.000352	0.000537	0.967811	0.87103	2.28E-05	2.1E-05
San Diego	2035	Annual	T7 utility	DSL	Aggregate	50	565.6406	6.16E-05	7.01E-05	0.000377	0.000535	0.982359	0.884123	2.67E-05	2.46E-05
San Diego	2035	Annual	T7 utility	DSL	Aggregate	55	689.7641	6.87E-05	7.82E-05	0.000483	0.00064	1.184163	1.065747	3.72E-05	3.43E-05
San Diego	2035	Annual	T7 utility	DSL	Aggregate	60	210.1262	1.97E-05	2.24E-05	0.000156	0.000196	0.36132	0.325188	1.31E-05	1.2E-05
San Diego	2035	Annual	T7 utility	DSL	Aggregate	65	115.0904	1.05E-05	1.19E-05	9.23E-05	0.000111	0.200836	0.180753	8.26E-06	7.6E-06
San Diego	2035	Annual	T7IS	GAS	Aggregate	5	94.96349	0.00025	0.000319	0.012233	0.000348	0.263113	0.236801	1.02E-07	9.44E-08
San Diego	2035	Annual	T7IS	GAS	Aggregate	10	464.1357	0.000997	0.00126	0.048667	0.00173	1.041733	0.93756	4.01E-07	3.72E-07
San Diego	2035	Annual	T7IS	GAS	Aggregate	15	506.1472	0.000724	0.00092	0.036298	0.00198	0.776885	0.699196	2.92E-07	2.71E-07
San Diego	2035	Annual	T7IS	GAS	Aggregate	20	864.9969	0.00086	0.001094	0.044709	0.003562	0.959287	0.863358	3.48E-07	3.23E-07
San Diego	2035	Annual	T7IS	GAS	Aggregate	25	1128.876	0.000814	0.001038	0.044563	0.004848	0.955699	0.860129	3.3E-07	3.07E-07
San Diego	2035	Annual	T7IS	GAS	Aggregate	30	2061.54	0.001133	0.001438	0.065727	0.009211	1.407644	1.26688	4.57E-07	4.24E-07
San Diego	2035	Annual	T7IS	GAS	Aggregate	35	3666.725	0.001587	0.002021	0.099646	0.017046	2.1335	1.92015	6.42E-07	5.96E-07
San Diego	2035	Annual	T7IS	GAS	Aggregate	40	3196.371	0.001136	0.001451	0.078204	0.015452	1.674444	1.506999	4.61E-07	4.28E-07
San Diego	2035	Annual	T7IS	GAS	Aggregate	45	3382.102	0.001023	0.001314	0.078462	0.017088	1.685331	1.516798	4.18E-07	3.88E-07
San Diego	2035	Annual	T7IS	GAS	Aggregate	50	3538.637	0.000951	0.00123	0.082492	0.018535	1.772173	1.594956	3.92E-07	3.63E-07
San Diego	2035	Annual	T7IS	GAS	Aggregate	55	5194.456	0.001308	0.001687	0.128868	0.028031	2.762281	2.486053	5.36E-07	4.97E-07
San Diego	2035	Annual	T7IS	GAS	Aggregate	60	1282.001	0.000306	0.000403	0.035466	0.007234	0.764821	0.688339	1.29E-07	1.19E-07
San Diego	2035	Annual	T7IS	GAS	Aggregate	65	687.1259	0.000168	0.000219	0.022568	0.003998	0.48589	0.437301	6.98E-08	6.48E-08
San Diego	2035	Annual	UBUS	GAS	Aggregate	5	364.0067	0.000366	0.000417	0.004695	0.000479	1.008543	0.907688	6.62E-07	6.14E-07
San Diego	2035	Annual	UBUS	DSL	Aggregate	5	1779.191	0.00213	0.002425	0.012443	0.028406	4.580932	4.122839	0.000862	0.000793
San Diego	2035	Annual	UBUS	GAS	Aggregate	10	1306.53	0.001059	0.001204	0.013652	0.001763	2.932454	2.639208	1.91E-06	1.77E-06
San Diego	2035	Annual	UBUS	DSL	Aggregate	10	6386.056	0.006483	0.007381	0.035167	0.088615	16.44235	14.79812	0.002625	0.002415
San Diego	2035	Annual	UBUS	GAS	Aggregate	15	2613.061	0.001417	0.001611	0.018672	0.003701	4.010784	3.609705	2.56E-06	2.37E-06
San Diego	2035	Annual	UBUS	DSL	Aggregate	15	12772.11	0.009572	0.010898	0.045615	0.138996	32.88471	29.59624	0.003875	0.003565
San Diego	2035	Annual	UBUS	GAS	Aggregate	20	3448.329	0.001304	0.001483	0.017804	0.005114	3.82422	3.441798	2.36E-06	2.19E-06
San Diego	2035	Annual	UBUS	DSL	Aggregate	20	16854.73	0.009658	0.010995	0.041455	0.151232	43.39635	39.05671	0.00391	0.003597
San Diego	2035	Annual	UBUS	GAS	Aggregate	25	5193.431	0.001427	0.001623	0.020469	0.008049	4.396721	3.957049	2.58E-06	2.39E-06
San Diego	2035	Annual	UBUS	DSL	Aggregate	25	25384.44	0.011516	0.013111	0.045655	0.197417	65.35801	58.82221	0.004662	0.004289
San Diego	2035	Annual	UBUS	GAS	Aggregate	30	6499.961	0.001354	0.001539	0.020662	0.010508	4.438253	3.994427	2.44E-06	2.27E-06
San Diego	2035	Annual	UBUS	DSL	Aggregate	30	31770.49	0.011818	0.013455	0.044368	0.225139	81.80036	73.62032	0.004785	0.004402
San Diego	2035	Annual	UBUS	GAS	Aggregate	35	6369.932	0.001048	0.001191	0.017255	0.010723	3.706372	3.335735	1.89E-06	1.76E-06
San Diego	2035	Annual	UBUS	DSL	Aggregate	35	31134.94	0.009835	0.011197	0.035849	0.211349	80.16398	72.14759	0.003982	0.003663
San Diego	2035	Annual	UBUS	GAS	Aggregate	40	4592.14	0.000622	0.000707	0.011199	0.008036	2.405628	2.165065	1.12E-06	1.04E-06
San Diego	2035	Annual	UBUS	DSL	Aggregate	40	22445.45	0.006235	0.007098	0.022625	0.153434	57.79092	52.01183	0.002524	0.002322
San Diego	2035	Annual	UBUS	GAS	Aggregate	45	2001.853	0.000233	0.000264	0.004644	0.003637	0.997541	0.897787	4.2E-07	3.9E-07
San Diego	2035	Annual	UBUS	DSL	Aggregate	45	9784.651	0.002476	0.002818	0.009169	0.07081	25.19281	22.67353	0.001002	0.000922
San Diego	2035	Annual	UBUS	GAS	Aggregate	50	1017.088	0.000106	0.00012	0.002371	0.001916	0.509365	0.458428	1.91E-07	1.77E-07
San Diego	2035	Annual	UBUS	DSL	Aggregate	50	4971.321	0.001186	0.00135	0.004598	0.04004	12.7998	11.51982	0.00048	0.000442
San Diego	2035	Annual	UBUS	GAS	Aggregate	55	1260.984	0.000122	0.000139	0.003122	0.002459	0.670559	0.603503	2.21E-07	2.05E-07

Region Type: Air Basin
Region: San Diego
Calendar Year: 2035
Season: Annual
Vehicle Classification: EMFAC2011 Categories

Region	CalYr	Season	Veh_Class	Fuel	MdlYr	Speed (miles/hr)	VMT (miles/day)	ROG_RUN (tons/day)	TOG_RUN (tons/day)	CO_RUNE (tons/day)	NOx_RUN (tons/day)	CO2_RUN (tons/day)	CO2_RUN (tons/day)	PM10_RUI (tons/day)	PM2_5_RU (tons/day)
San Diego	2035	Annual	UBUS	DSL	Aggregate	55	6163.433	0.001437	0.001635	0.005975	0.05808	15.86916	14.28224	0.000582	0.000535
San Diego	2035	Annual	UBUS	GAS	Aggregate	60	2063.929	0.000194	0.000221	0.005732	0.004163	1.231307	1.108176	3.51E-07	3.26E-07
San Diego	2035	Annual	UBUS	DSL	Aggregate	60	10088.07	0.002379	0.002708	0.010884	0.116925	25.97402	23.37662	0.000963	0.000886
San Diego	2035	Annual	All Other B	DSL	Aggregate	5	530.1047	0.000718	0.000818	0.001274	0.002322	1.495872	1.346284	2.8E-05	2.58E-05
San Diego	2035	Annual	All Other B	DSL	Aggregate	10	2638.661	0.00208	0.002368	0.003951	0.008688	6.150883	5.535795	0.000128	0.000118
San Diego	2035	Annual	All Other B	DSL	Aggregate	15	3561.277	0.001427	0.001624	0.003093	0.008822	6.816298	6.134668	0.000158	0.000145
San Diego	2035	Annual	All Other B	DSL	Aggregate	20	3776.864	0.000651	0.000741	0.001779	0.007072	5.702908	5.132617	0.00015	0.000138
San Diego	2035	Annual	All Other B	DSL	Aggregate	25	3933.454	0.000592	0.000674	0.001749	0.006603	5.541549	4.987394	0.000149	0.000137
San Diego	2035	Annual	All Other B	DSL	Aggregate	30	4729.659	0.000621	0.000707	0.002016	0.007159	6.25448	5.629032	0.000178	0.000164
San Diego	2035	Annual	All Other B	DSL	Aggregate	35	5576.891	0.000638	0.000727	0.002318	0.00768	6.974848	6.277363	0.000217	0.0002
San Diego	2035	Annual	All Other B	DSL	Aggregate	40	6922.842	0.000694	0.00079	0.002859	0.008787	8.263433	7.437089	0.000289	0.000266
San Diego	2035	Annual	All Other B	DSL	Aggregate	45	5668.89	0.000501	0.000571	0.002371	0.006747	6.526757	5.874082	0.000262	0.000241
San Diego	2035	Annual	All Other B	DSL	Aggregate	50	6344.41	0.000502	0.000571	0.002738	0.00723	7.129304	6.416374	0.00033	0.000304
San Diego	2035	Annual	All Other B	DSL	Aggregate	55	9297.157	0.000672	0.000765	0.004208	0.010391	10.32731	9.294583	0.000554	0.000509
San Diego	2035	Annual	All Other B	DSL	Aggregate	60	11172.09	0.00076	0.000865	0.005381	0.012562	12.43003	11.18703	0.000766	0.000705
San Diego	2035	Annual	All Other B	DSL	Aggregate	65	1758.17	0.000116	0.000132	0.000912	0.002039	1.985137	1.786623	0.000139	0.000128

THIS PAGE IS INTENTIONALLY BLANK.

ATTACHMENT 2

CalEEMod Output – Sample Construction Emissions

THIS PAGE IS INTENTIONALLY BLANK.

Southeast San Diego CPU - Sample Residential Project

San Diego Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Low Rise	29.00	Dwelling Unit	1.80	29,000.00	83

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2015
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Changed default acreage from 1.81 to 1.8.

Demolition - Demolition of 5,000 sq ft of building.

Architectural Coating - Architectural Coatings changed from 250 to 150 per Calgreen and Rule 67.0.

Vehicle Trips - Changed trip lengths from (10.8, 7.3, 7.5) to (5.8, 5.8, 5.8) to match County of San Diego average trip length.

Area Coating - Changed from 250 to 150 per Calgreen and SDAPCD Rule 67.0

Construction Off-road Equipment Mitigation - Water exposed areas 3 times per day to account for requiered dust control mesaures.

Mobile Land Use Mitigation -

Area Mitigation - Paint VOC changed from 250 to 150 per Calgreen and rule 67.0.

Energy Mitigation - Compliance with 2013 Title 24 is accounted for by "exceed title 24" 25%

Water Mitigation - 2013 Title 24 is accounted for by 20% "apply water conservation strategy"

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblLandUse	LotAcreage	1.81	1.80
tblProjectCharacteristics	OperationalYear	2014	2015
tblVehicleTrips	HO_TL	7.50	5.80
tblVehicleTrips	HS_TL	7.30	5.80
tblVehicleTrips	HW_TL	10.80	5.80

2.0 Emissions Summary

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					
2015	54.8600	30.1122	22.9515	0.0267	5.8653	1.8718	7.3329	2.9711	1.7531	4.3213	0.0000	2,713.7761	2,713.7761	0.6426	0.0000	2,727.2703
Total	**54.8600**	**30.1122**	**22.9515**	**0.0267**	**5.8653**	**1.8718**	**7.3329**	**2.9711**	**1.7531**	**4.3213**	**0.0000**	**2,713.7761**	**2,713.7761**	**0.6426**	**0.0000**	**2,727.2703**

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					
2015	54.8600	30.1122	22.9515	0.0267	2.3276	1.8718	3.7951	1.1694	1.7531	2.5195	0.0000	2,713.7761	2,713.7761	0.6426	0.0000	2,727.2703
Total	**54.8600**	**30.1122**	**22.9515**	**0.0267**	**2.3276**	**1.8718**	**3.7951**	**1.1694**	**1.7531**	**2.5195**	**0.0000**	**2,713.7761**	**2,713.7761**	**0.6426**	**0.0000**	**2,727.2703**

	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**	**60.32**	**0.00**	**48.25**	**60.64**	**0.00**	**41.69**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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	45.3286	0.6309	57.1106	0.0215		7.6943	7.6943		7.6941	7.6941	805.3802	342.0727	1,147.4529	0.7477	0.0634	1,182.7931
Energy	9.2400e-003	0.0790	0.0336	5.0000e-004		6.3800e-003	6.3800e-003		6.3800e-003	6.3800e-003		100.7957	100.7957	1.9300e-003	1.8500e-003	101.4091
Mobile	0.7486	1.4122	6.7026	0.0124	0.8235	0.0186	0.8421	0.2198	0.0170	0.2369		1,108.9945	1,108.9945	0.0505		1,110.0550
Total	**46.0864**	**2.1220**	**63.8468**	**0.0344**	**0.8235**	**7.7192**	**8.5428**	**0.2198**	**7.7175**	**7.9373**	**805.3802**	**1,551.8629**	**2,357.2431**	**0.8001**	**0.0652**	**2,394.2572**

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	45.2292	0.6309	57.1106	0.0215		7.6943	7.6943		7.6941	7.6941	805.3802	342.0727	1,147.4529	0.7477	0.0634	1,182.7931
Energy	7.4600e-003	0.0638	0.0271	4.1000e-004		5.1600e-003	5.1600e-003		5.1600e-003	5.1600e-003		81.4342	81.4342	1.5600e-003	1.4900e-003	81.9297
Mobile	0.7486	1.4122	6.7026	0.0124	0.8235	0.0186	0.8421	0.2198	0.0170	0.2369		1,108.9945	1,108.9945	0.0505		1,110.0550
Total	**45.9852**	**2.1068**	**63.8403**	**0.0343**	**0.8235**	**7.7180**	**8.5415**	**0.2198**	**7.7163**	**7.9361**	**805.3802**	**1,532.5013**	**2,337.8815**	**0.7998**	**0.0648**	**2,374.7779**

	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	**0.22**	**0.71**	**0.01**	**0.26**	**0.00**	**0.02**	**0.01**	**0.00**	**0.02**	**0.02**	**0.00**	**1.25**	**0.82**	**0.05**	**0.55**	**0.81**

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	1/1/2015	1/28/2015	5	20	
2	Site Preparation	Site Preparation	1/29/2015	1/30/2015	5	2	
3	Grading	Grading	1/31/2015	2/5/2015	5	4	
4	Building Construction	Building Construction	2/6/2015	11/12/2015	5	200	
5	Paving	Paving	11/13/2015	11/26/2015	5	10	
6	Architectural Coating	Architectural Coating	11/27/2015	12/10/2015	5	10	

Acres of Grading (Site Preparation Phase): 1

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0

Residential Indoor: 58,725; Residential Outdoor: 19,575; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (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
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	226	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	6.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Rubber Tired Dozers	1	6.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	174	0.41
Paving	Paving Equipment	1	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	255	0.40
Building Construction	Welders	3	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	5	13.00	0.00	23.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	21.00	3.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Clean Paved Roads

3.2 Demolition - 2015

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					0.2492	0.0000	0.2492	0.0377	0.0000	0.0377			0.0000			0.0000
Off-Road	3.0666	29.6778	22.0566	0.0245		1.8651	1.8651		1.7469	1.7469		2,509.0599	2,509.0599	0.6357		2,522.4104
Total	**3.0666**	**29.6778**	**22.0566**	**0.0245**	**0.2492**	**1.8651**	**2.1143**	**0.0377**	**1.7469**	**1.7847**		**2,509.0599**	**2,509.0599**	**0.6357**		**2,522.4104**

3.2 Demolition - 2015

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	0.0259	0.3756	0.2521	8.6000e-004	0.0200	5.8300e-003	0.0259	5.4900e-003	5.3600e-003	0.0109		87.7151	87.7151	7.1000e-004		87.7300
Vendor	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
Worker	0.0498	0.0588	0.6427	1.3500e-003	0.1068	8.4000e-004	0.1076	0.0283	7.7000e-004	0.0291		117.0011	117.0011	6.1300e-003		117.1299
Total	**0.0757**	**0.4344**	**0.8948**	**2.2100e-003**	**0.1268**	**6.6700e-003**	**0.1335**	**0.0338**	**6.1300e-003**	**0.0399**		**204.7162**	**204.7162**	**6.8400e-003**		**204.8599**

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					0.0972	0.0000	0.0972	0.0147	0.0000	0.0147			0.0000			0.0000
Off-Road	3.0666	29.6778	22.0566	0.0245		1.8651	1.8651		1.7469	1.7469	0.0000	2,509.0599	2,509.0599	0.6357		2,522.4104
Total	**3.0666**	**29.6778**	**22.0566**	**0.0245**	**0.0972**	**1.8651**	**1.9623**	**0.0147**	**1.7469**	**1.7617**	**0.0000**	**2,509.0599**	**2,509.0599**	**0.6357**		**2,522.4104**

3.2 Demolition - 2015

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	0.0259	0.3756	0.2521	8.6000e-004	0.0200	5.8300e-003	0.0259	5.4900e-003	5.3600e-003	0.0109		87.7151	87.7151	7.1000e-004		87.7300
Vendor	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
Worker	0.0498	0.0588	0.6427	1.3500e-003	0.1068	8.4000e-004	0.1076	0.0283	7.7000e-004	0.0291		117.0011	117.0011	6.1300e-003		117.1299
Total	**0.0757**	**0.4344**	**0.8948**	**2.2100e-003**	**0.1268**	**6.6700e-003**	**0.1335**	**0.0338**	**6.1300e-003**	**0.0399**		**204.7162**	**204.7162**	**6.8400e-003**		**204.8599**

3.3 Site Preparation - 2015

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					5.7996	0.0000	5.7996	2.9537	0.0000	2.9537			0.0000			0.0000
Off-Road	2.5362	26.8886	17.0107	0.0171		1.4671	1.4671		1.3497	1.3497		1,801.7440	1,801.7440	0.5379		1,813.0398
Total	**2.5362**	**26.8886**	**17.0107**	**0.0171**	**5.7996**	**1.4671**	**7.2666**	**2.9537**	**1.3497**	**4.3034**		**1,801.7440**	**1,801.7440**	**0.5379**		**1,813.0398**

3.3 Site Preparation - 2015

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
Vendor	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
Worker	0.0307	0.0362	0.3955	8.3000e-004	0.0657	5.2000e-004	0.0662	0.0174	4.7000e-004	0.0179		72.0007	72.0007	3.7700e-003		72.0799
Total	**0.0307**	**0.0362**	**0.3955**	**8.3000e-004**	**0.0657**	**5.2000e-004**	**0.0662**	**0.0174**	**4.7000e-004**	**0.0179**		**72.0007**	**72.0007**	**3.7700e-003**		**72.0799**

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					2.2618	0.0000	2.2618	1.1519	0.0000	1.1519			0.0000			0.0000
Off-Road	2.5362	26.8886	17.0107	0.0171		1.4671	1.4671		1.3497	1.3497	0.0000	1,801.7440	1,801.7440	0.5379		1,813.0398
Total	**2.5362**	**26.8886**	**17.0107**	**0.0171**	**2.2618**	**1.4671**	**3.7289**	**1.1519**	**1.3497**	**2.5016**	**0.0000**	**1,801.7440**	**1,801.7440**	**0.5379**		**1,813.0398**

3.3 Site Preparation - 2015

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
Vendor	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
Worker	0.0307	0.0362	0.3955	8.3000e-004	0.0657	5.2000e-004	0.0662	0.0174	4.7000e-004	0.0179		72.0007	72.0007	3.7700e-003		72.0799
Total	**0.0307**	**0.0362**	**0.3955**	**8.3000e-004**	**0.0657**	**5.2000e-004**	**0.0662**	**0.0174**	**4.7000e-004**	**0.0179**		**72.0007**	**72.0007**	**3.7700e-003**		**72.0799**

3.4 Grading - 2015

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					4.9143	0.0000	4.9143	2.5256	0.0000	2.5256			0.0000			0.0000
Off-Road	2.0666	21.9443	14.0902	0.0141		1.1968	1.1968		1.1011	1.1011		1,479.8000	1,479.8000	0.4418		1,489.0774
Total	**2.0666**	**21.9443**	**14.0902**	**0.0141**	**4.9143**	**1.1968**	**6.1110**	**2.5256**	**1.1011**	**3.6267**		**1,479.8000**	**1,479.8000**	**0.4418**		**1,489.0774**

3.4 Grading - 2015

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
Vendor	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
Worker	0.0307	0.0362	0.3955	8.3000e-004	0.0657	5.2000e-004	0.0662	0.0174	4.7000e-004	0.0179		72.0007	72.0007	3.7700e-003		72.0799
Total	**0.0307**	**0.0362**	**0.3955**	**8.3000e-004**	**0.0657**	**5.2000e-004**	**0.0662**	**0.0174**	**4.7000e-004**	**0.0179**		**72.0007**	**72.0007**	**3.7700e-003**		**72.0799**

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					1.9166	0.0000	1.9166	0.9850	0.0000	0.9850			0.0000			0.0000
Off-Road	2.0666	21.9443	14.0902	0.0141		1.1968	1.1968		1.1011	1.1011	0.0000	1,479.8000	1,479.8000	0.4418		1,489.0774
Total	**2.0666**	**21.9443**	**14.0902**	**0.0141**	**1.9166**	**1.1968**	**3.1134**	**0.9850**	**1.1011**	**2.0860**	**0.0000**	**1,479.8000**	**1,479.8000**	**0.4418**		**1,489.0774**

3.4 Grading - 2015

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
Vendor	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
Worker	0.0307	0.0362	0.3955	8.3000e-004	0.0657	5.2000e-004	0.0662	0.0174	4.7000e-004	0.0179		72.0007	72.0007	3.7700e-003		72.0799
Total	**0.0307**	**0.0362**	**0.3955**	**8.3000e-004**	**0.0657**	**5.2000e-004**	**0.0662**	**0.0174**	**4.7000e-004**	**0.0179**		**72.0007**	**72.0007**	**3.7700e-003**		**72.0799**

3.5 Building Construction - 2015

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	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344		2,055.6247	2,055.6247	0.4741		2,065.5812
Total	**3.6000**	**21.5642**	**15.0041**	**0.0220**		**1.4851**	**1.4851**		**1.4344**	**1.4344**		**2,055.6247**	**2,055.6247**	**0.4741**		**2,065.5812**

3.5 Building Construction - 2015

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
Vendor	0.0354	0.3272	0.3645	7.2000e-004	0.0199	5.3600e-003	0.0253	5.6800e-003	4.9300e-003	0.0106		72.4289	72.4289	6.3000e-004		72.4420
Worker	0.0805	0.0949	1.0383	2.1900e-003	0.1725	1.3500e-003	0.1739	0.0458	1.2400e-003	0.0470		189.0018	189.0018	9.9100e-003		189.2098
Total	**0.1159**	**0.4222**	**1.4027**	**2.9100e-003**	**0.1924**	**6.7100e-003**	**0.1991**	**0.0514**	**6.1700e-003**	**0.0576**		**261.4306**	**261.4306**	**0.0105**		**261.6518**

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	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344	0.0000	2,055.6247	2,055.6247	0.4741		2,065.5812
Total	**3.6000**	**21.5642**	**15.0041**	**0.0220**		**1.4851**	**1.4851**		**1.4344**	**1.4344**	**0.0000**	**2,055.6247**	**2,055.6247**	**0.4741**		**2,065.5812**

3.5 Building Construction - 2015

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
Vendor	0.0354	0.3272	0.3645	7.2000e-004	0.0199	5.3600e-003	0.0253	5.6800e-003	4.9300e-003	0.0106		72.4289	72.4289	6.3000e-004		72.4420
Worker	0.0805	0.0949	1.0383	2.1900e-003	0.1725	1.3500e-003	0.1739	0.0458	1.2400e-003	0.0470		189.0018	189.0018	9.9100e-003		189.2098
Total	**0.1159**	**0.4222**	**1.4027**	**2.9100e-003**	**0.1924**	**6.7100e-003**	**0.1991**	**0.0514**	**6.1700e-003**	**0.0576**		**261.4306**	**261.4306**	**0.0105**		**261.6518**

3.6 Paving - 2015

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	1.4041	14.5959	9.1695	0.0133		0.8919	0.8919		0.8215	0.8215		1,382.4703	1,382.4703	0.4054		1,390.9826
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4041**	**14.5959**	**9.1695**	**0.0133**		**0.8919**	**0.8919**		**0.8215**	**0.8215**		**1,382.4703**	**1,382.4703**	**0.4054**		**1,390.9826**

3.6 Paving - 2015

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
Vendor	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
Worker	0.0498	0.0588	0.6427	1.3500e-003	0.1068	8.4000e-004	0.1076	0.0283	7.7000e-004	0.0291		117.0011	117.0011	6.1300e-003		117.1299
Total	**0.0498**	**0.0588**	**0.6427**	**1.3500e-003**	**0.1068**	**8.4000e-004**	**0.1076**	**0.0283**	**7.7000e-004**	**0.0291**		**117.0011**	**117.0011**	**6.1300e-003**		**117.1299**

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	1.4041	14.5959	9.1695	0.0133		0.8919	0.8919		0.8215	0.8215	0.0000	1,382.4703	1,382.4703	0.4054		1,390.9826
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4041**	**14.5959**	**9.1695**	**0.0133**		**0.8919**	**0.8919**		**0.8215**	**0.8215**	**0.0000**	**1,382.4703**	**1,382.4703**	**0.4054**		**1,390.9826**

3.6 Paving - 2015

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
Vendor	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
Worker	0.0498	0.0588	0.6427	1.3500e-003	0.1068	8.4000e-004	0.1076	0.0283	7.7000e-004	0.0291		117.0011	117.0011	6.1300e-003		117.1299
Total	**0.0498**	**0.0588**	**0.6427**	**1.3500e-003**	**0.1068**	**8.4000e-004**	**0.1076**	**0.0283**	**7.7000e-004**	**0.0291**		**117.0011**	**117.0011**	**6.1300e-003**		**117.1299**

3.7 Architectural Coating - 2015

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	54.4381					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177
Total	**54.8447**	**2.5703**	**1.9018**	**2.9700e-003**		**0.2209**	**0.2209**		**0.2209**	**0.2209**		**281.4481**	**281.4481**	**0.0367**		**282.2177**

3.7 Architectural Coating - 2015

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
Vendor	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
Worker	0.0153	0.0181	0.1978	4.2000e-004	0.0329	2.6000e-004	0.0331	8.7200e-003	2.4000e-004	8.9500e-003		36.0003	36.0003	1.8900e-003		36.0400
Total	**0.0153**	**0.0181**	**0.1978**	**4.2000e-004**	**0.0329**	**2.6000e-004**	**0.0331**	**8.7200e-003**	**2.4000e-004**	**8.9500e-003**		**36.0003**	**36.0003**	**1.8900e-003**		**36.0400**

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	54.4381					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209	0.0000	281.4481	281.4481	0.0367		282.2177
Total	**54.8447**	**2.5703**	**1.9018**	**2.9700e-003**		**0.2209**	**0.2209**		**0.2209**	**0.2209**	**0.0000**	**281.4481**	**281.4481**	**0.0367**		**282.2177**

3.7 Architectural Coating - 2015

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
Vendor	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
Worker	0.0153	0.0181	0.1978	4.2000e-004	0.0329	2.6000e-004	0.0331	8.7200e-003	2.4000e-004	8.9500e-003		36.0003	36.0003	1.8900e-003		36.0400
Total	**0.0153**	**0.0181**	**0.1978**	**4.2000e-004**	**0.0329**	**2.6000e-004**	**0.0331**	**8.7200e-003**	**2.4000e-004**	**8.9500e-003**		**36.0003**	**36.0003**	**1.8900e-003**		**36.0400**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	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					
Mitigated	0.7486	1.4122	6.7026	0.0124	0.8235	0.0186	0.8421	0.2198	0.0170	0.2369		1,108.9945	1,108.9945	0.0505		1,110.0550
Unmitigated	0.7486	1.4122	6.7026	0.0124	0.8235	0.0186	0.8421	0.2198	0.0170	0.2369		1,108.9945	1,108.9945	0.0505		1,110.0550

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	191.11	207.64	176.03	358,678	358,678
Total	191.11	207.64	176.03	358,678	358,678

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	5.80	5.80	5.80	41.60	18.80	39.60	86	11	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.509603	0.073619	0.192430	0.134105	0.036943	0.005309	0.012459	0.020989	0.001832	0.002087	0.006541	0.000614	0.003471

4.4 Fleet Mix

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	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					
NaturalGas Mitigated	7.4600e-003	0.0638	0.0271	4.1000e-004		5.1600e-003	5.1600e-003		5.1600e-003	5.1600e-003		81.4342	81.4342	1.5600e-003	1.4900e-003	81.9297
NaturalGas Unmitigated	9.2400e-003	0.0790	0.0336	5.0000e-004		6.3800e-003	6.3800e-003		6.3800e-003	6.3800e-003		100.7957	100.7957	1.9300e-003	1.8500e-003	101.4091

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	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
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	856.763	9.2400e-003	0.0790	0.0336	5.0000e-004		6.3800e-003	6.3800e-003		6.3800e-003	6.3800e-003		100.7957	100.7957	1.9300e-003	1.8500e-003	101.4091
Total		**9.2400e-003**	**0.0790**	**0.0336**	**5.0000e-004**		**6.3800e-003**	**6.3800e-003**		**6.3800e-003**	**6.3800e-003**		**100.7957**	**100.7957**	**1.9300e-003**	**1.8500e-003**	**101.4091**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	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
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	0.69219	7.4600e-003	0.0638	0.0271	4.1000e-004		5.1600e-003	5.1600e-003		5.1600e-003	5.1600e-003		81.4342	81.4342	1.5600e-003	1.4900e-003	81.9297
Total		**7.4600e-003**	**0.0638**	**0.0271**	**4.1000e-004**		**5.1600e-003**	**5.1600e-003**		**5.1600e-003**	**5.1600e-003**		**81.4342**	**81.4342**	**1.5600e-003**	**1.4900e-003**	**81.9297**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	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					
Mitigated	45.2292	0.6309	57.1106	0.0215		7.6943	7.6943		7.6941	7.6941	805.3802	342.0727	1,147.4529	0.7477	0.0634	1,182.7931
Unmitigated	45.3286	0.6309	57.1106	0.0215		7.6943	7.6943		7.6941	7.6941	805.3802	342.0727	1,147.4529	0.7477	0.0634	1,182.7931

6.2 Area by SubCategory

Unmitigated

	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
SubCategory	lb/day										lb/day					
Consumer Products	0.6206					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	44.3815	0.6021	54.6732	0.0214		7.6813	7.6813		7.6810	7.6810	805.3802	337.7647	1,143.1449	0.7432	0.0634	1,178.3910
Landscaping	0.0780	0.0287	2.4374	1.3000e-004		0.0131	0.0131		0.0131	0.0131		4.3080	4.3080	4.4800e-003		4.4021
Architectural Coating	0.2486					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**45.3286**	**0.6309**	**57.1106**	**0.0215**		**7.6943**	**7.6943**		**7.6941**	**7.6941**	**805.3802**	**342.0727**	**1,147.4529**	**0.7477**	**0.0634**	**1,182.7931**

6.2 Area by SubCategory

Mitigated

	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
SubCategory	lb/day										lb/day					
Consumer Products	0.6206					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	44.3815	0.6021	54.6732	0.0214		7.6813	7.6813		7.6810	7.6810	805.3802	337.7647	1,143.1449	0.7432	0.0634	1,178.3910
Landscaping	0.0780	0.0287	2.4374	1.3000e-004		0.0131	0.0131		0.0131	0.0131		4.3080	4.3080	4.4800e-003		4.4021
Architectural Coating	0.1492					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**45.2292**	**0.6309**	**57.1106**	**0.0215**		**7.6943**	**7.6943**		**7.6941**	**7.6941**	**805.3802**	**342.0727**	**1,147.4529**	**0.7477**	**0.0634**	**1,182.7931**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Southeast San Diego CPU - Sample Industial Project

San Diego Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	65.00	1000sqft	1.49	65,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2015
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 65000 sq ft general light industry.

Demolition - Demolition of 5000 building sq ft.

Architectural Coating - Changed architectural coatings from 250 to 150 per Calgreen and SDAPCD rule 67.0.

Vehicle Trips - Changed trip length from (7.3, 9.5, 7.3) to (5.8, 5.8, 5.8) per San Diego County average trip length.

Area Coating - Changed architectural coatings from 250 to 150 per Calgreen and SDAPCD rule 67.0.

Construction Off-road Equipment Mitigation - Added "water exposed area" 3 times per day to account for required dust control measures.

Mobile Land Use Mitigation -

Area Mitigation - Changed paint from 250 to 150 per Calgreen and SDAPCD rule 67.0.

Energy Mitigation - Changed to "exceed title 24" to account for 30% reduction from 2013 Title 24.

Water Mitigation - Changed to "apply water conservation strategy" to account for 20% reduction from 2013 Title 24.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblProjectCharacteristics	OperationalYear	2014	2015
tblVehicleTrips	CC_TL	7.30	5.80
tblVehicleTrips	CNW_TL	7.30	5.80
tblVehicleTrips	CW_TL	9.50	5.80

2.0 Emissions Summary

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					
2015	90.8083	30.1122	22.9515	0.0274	5.8653	1.8718	7.3329	2.9711	1.7531	4.3213	0.0000	2,713.7761	2,713.7761	0.6426	0.0000	2,727.2703
Total	**90.8083**	**30.1122**	**22.9515**	**0.0274**	**5.8653**	**1.8718**	**7.3329**	**2.9711**	**1.7531**	**4.3213**	**0.0000**	**2,713.7761**	**2,713.7761**	**0.6426**	**0.0000**	**2,727.2703**

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					
2015	90.8083	30.1122	22.9515	0.0274	2.3276	1.8718	3.7951	1.1694	1.7531	2.5195	0.0000	2,713.7761	2,713.7761	0.6426	0.0000	2,727.2703
Total	**90.8083**	**30.1122**	**22.9515**	**0.0274**	**2.3276**	**1.8718**	**3.7951**	**1.1694**	**1.7531**	**2.5195**	**0.0000**	**2,713.7761**	**2,713.7761**	**0.6426**	**0.0000**	**2,727.2703**

	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**	**60.32**	**0.00**	**48.25**	**60.64**	**0.00**	**41.69**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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	1.7631	7.0000e-005	6.8600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0142	0.0142	4.0000e-005		0.0151
Energy	0.0226	0.2058	0.1729	1.2400e-003		0.0156	0.0156		0.0156	0.0156		247.0105	247.0105	4.7300e-003	4.5300e-003	248.5137
Mobile	1.6560	3.2047	15.1380	0.0283	1.8879	0.0423	1.9302	0.5039	0.0389	0.5428		2,537.3470	2,537.3470	0.1149		2,539.7599
Total	**3.4417**	**3.4106**	**15.3177**	**0.0296**	**1.8879**	**0.0580**	**1.9459**	**0.5039**	**0.0545**	**0.5585**		**2,784.3717**	**2,784.3717**	**0.1197**	**4.5300e-003**	**2,788.2888**

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	1.6393	7.0000e-005	6.8600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0142	0.0142	4.0000e-005		0.0151
Energy	0.0200	0.1821	0.1529	1.0900e-003		0.0138	0.0138		0.0138	0.0138		218.4754	218.4754	4.1900e-003	4.0100e-003	219.8050
Mobile	1.6560	3.2047	15.1380	0.0283	1.8879	0.0423	1.9302	0.5039	0.0389	0.5428		2,537.3470	2,537.3470	0.1149		2,539.7599
Total	**3.3153**	**3.3869**	**15.2978**	**0.0294**	**1.8879**	**0.0562**	**1.9441**	**0.5039**	**0.0527**	**0.5567**		**2,755.8366**	**2,755.8366**	**0.1191**	**4.0100e-003**	**2,759.5801**

	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	**3.67**	**0.70**	**0.13**	**0.51**	**0.00**	**3.10**	**0.09**	**0.00**	**3.30**	**0.32**	**0.00**	**1.02**	**1.02**	**0.45**	**11.48**	**1.03**

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	1/1/2015	1/28/2015	5	20	
2	Site Preparation	Site Preparation	1/29/2015	1/30/2015	5	2	
3	Grading	Grading	1/31/2015	2/5/2015	5	4	
4	Building Construction	Building Construction	2/6/2015	11/12/2015	5	200	
5	Paving	Paving	11/13/2015	11/26/2015	5	10	
6	Architectural Coating	Architectural Coating	11/27/2015	12/10/2015	5	10	

Acres of Grading (Site Preparation Phase): 1

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 97,500; Non-Residential Outdoor: 32,500 (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
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	226	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	6.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Rubber Tired Dozers	1	6.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	174	0.41
Paving	Paving Equipment	1	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	255	0.40
Building Construction	Welders	3	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	5	13.00	0.00	23.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	27.00	11.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Clean Paved Roads

3.2 Demolition - 2015

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					0.2492	0.0000	0.2492	0.0377	0.0000	0.0377			0.0000			0.0000
Off-Road	3.0666	29.6778	22.0566	0.0245		1.8651	1.8651		1.7469	1.7469		2,509.0599	2,509.0599	0.6357		2,522.4104
Total	**3.0666**	**29.6778**	**22.0566**	**0.0245**	**0.2492**	**1.8651**	**2.1143**	**0.0377**	**1.7469**	**1.7847**		**2,509.0599**	**2,509.0599**	**0.6357**		**2,522.4104**

3.2 Demolition - 2015

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	0.0259	0.3756	0.2521	8.6000e-004	0.0200	5.8300e-003	0.0259	5.4900e-003	5.3600e-003	0.0109		87.7151	87.7151	7.1000e-004		87.7300
Vendor	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
Worker	0.0498	0.0588	0.6427	1.3500e-003	0.1068	8.4000e-004	0.1076	0.0283	7.7000e-004	0.0291		117.0011	117.0011	6.1300e-003		117.1299
Total	**0.0757**	**0.4344**	**0.8948**	**2.2100e-003**	**0.1268**	**6.6700e-003**	**0.1335**	**0.0338**	**6.1300e-003**	**0.0399**		**204.7162**	**204.7162**	**6.8400e-003**		**204.8599**

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					0.0972	0.0000	0.0972	0.0147	0.0000	0.0147			0.0000			0.0000
Off-Road	3.0666	29.6778	22.0566	0.0245		1.8651	1.8651		1.7469	1.7469	0.0000	2,509.0599	2,509.0599	0.6357		2,522.4104
Total	**3.0666**	**29.6778**	**22.0566**	**0.0245**	**0.0972**	**1.8651**	**1.9623**	**0.0147**	**1.7469**	**1.7617**	**0.0000**	**2,509.0599**	**2,509.0599**	**0.6357**		**2,522.4104**

3.2 Demolition - 2015

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	0.0259	0.3756	0.2521	8.6000e-004	0.0200	5.8300e-003	0.0259	5.4900e-003	5.3600e-003	0.0109		87.7151	87.7151	7.1000e-004		87.7300
Vendor	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
Worker	0.0498	0.0588	0.6427	1.3500e-003	0.1068	8.4000e-004	0.1076	0.0283	7.7000e-004	0.0291		117.0011	117.0011	6.1300e-003		117.1299
Total	**0.0757**	**0.4344**	**0.8948**	**2.2100e-003**	**0.1268**	**6.6700e-003**	**0.1335**	**0.0338**	**6.1300e-003**	**0.0399**		**204.7162**	**204.7162**	**6.8400e-003**		**204.8599**

3.3 Site Preparation - 2015

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					5.7996	0.0000	5.7996	2.9537	0.0000	2.9537			0.0000			0.0000
Off-Road	2.5362	26.8886	17.0107	0.0171		1.4671	1.4671		1.3497	1.3497		1,801.7440	1,801.7440	0.5379		1,813.0398
Total	**2.5362**	**26.8886**	**17.0107**	**0.0171**	**5.7996**	**1.4671**	**7.2666**	**2.9537**	**1.3497**	**4.3034**		**1,801.7440**	**1,801.7440**	**0.5379**		**1,813.0398**

3.3 Site Preparation - 2015

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
Vendor	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
Worker	0.0307	0.0362	0.3955	8.3000e-004	0.0657	5.2000e-004	0.0662	0.0174	4.7000e-004	0.0179		72.0007	72.0007	3.7700e-003		72.0799
Total	**0.0307**	**0.0362**	**0.3955**	**8.3000e-004**	**0.0657**	**5.2000e-004**	**0.0662**	**0.0174**	**4.7000e-004**	**0.0179**		**72.0007**	**72.0007**	**3.7700e-003**		**72.0799**

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					2.2618	0.0000	2.2618	1.1519	0.0000	1.1519			0.0000			0.0000
Off-Road	2.5362	26.8886	17.0107	0.0171		1.4671	1.4671		1.3497	1.3497	0.0000	1,801.7440	1,801.7440	0.5379		1,813.0398
Total	**2.5362**	**26.8886**	**17.0107**	**0.0171**	**2.2618**	**1.4671**	**3.7289**	**1.1519**	**1.3497**	**2.5016**	**0.0000**	**1,801.7440**	**1,801.7440**	**0.5379**		**1,813.0398**

3.3 Site Preparation - 2015

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
Vendor	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
Worker	0.0307	0.0362	0.3955	8.3000e-004	0.0657	5.2000e-004	0.0662	0.0174	4.7000e-004	0.0179		72.0007	72.0007	3.7700e-003		72.0799
Total	**0.0307**	**0.0362**	**0.3955**	**8.3000e-004**	**0.0657**	**5.2000e-004**	**0.0662**	**0.0174**	**4.7000e-004**	**0.0179**		**72.0007**	**72.0007**	**3.7700e-003**		**72.0799**

3.4 Grading - 2015

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					4.9143	0.0000	4.9143	2.5256	0.0000	2.5256			0.0000			0.0000
Off-Road	2.0666	21.9443	14.0902	0.0141		1.1968	1.1968		1.1011	1.1011		1,479.8000	1,479.8000	0.4418		1,489.0774
Total	**2.0666**	**21.9443**	**14.0902**	**0.0141**	**4.9143**	**1.1968**	**6.1110**	**2.5256**	**1.1011**	**3.6267**		**1,479.8000**	**1,479.8000**	**0.4418**		**1,489.0774**

3.4 Grading - 2015

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
Vendor	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
Worker	0.0307	0.0362	0.3955	8.3000e-004	0.0657	5.2000e-004	0.0662	0.0174	4.7000e-004	0.0179		72.0007	72.0007	3.7700e-003		72.0799
Total	**0.0307**	**0.0362**	**0.3955**	**8.3000e-004**	**0.0657**	**5.2000e-004**	**0.0662**	**0.0174**	**4.7000e-004**	**0.0179**		**72.0007**	**72.0007**	**3.7700e-003**		**72.0799**

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					1.9166	0.0000	1.9166	0.9850	0.0000	0.9850			0.0000			0.0000
Off-Road	2.0666	21.9443	14.0902	0.0141		1.1968	1.1968		1.1011	1.1011	0.0000	1,479.8000	1,479.8000	0.4418		1,489.0774
Total	**2.0666**	**21.9443**	**14.0902**	**0.0141**	**1.9166**	**1.1968**	**3.1134**	**0.9850**	**1.1011**	**2.0860**	**0.0000**	**1,479.8000**	**1,479.8000**	**0.4418**		**1,489.0774**

3.4 Grading - 2015

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
Vendor	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
Worker	0.0307	0.0362	0.3955	8.3000e-004	0.0657	5.2000e-004	0.0662	0.0174	4.7000e-004	0.0179		72.0007	72.0007	3.7700e-003		72.0799
Total	**0.0307**	**0.0362**	**0.3955**	**8.3000e-004**	**0.0657**	**5.2000e-004**	**0.0662**	**0.0174**	**4.7000e-004**	**0.0179**		**72.0007**	**72.0007**	**3.7700e-003**		**72.0799**

3.5 Building Construction - 2015

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	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344		2,055.6247	2,055.6247	0.4741		2,065.5812
Total	**3.6000**	**21.5642**	**15.0041**	**0.0220**		**1.4851**	**1.4851**		**1.4344**	**1.4344**		**2,055.6247**	**2,055.6247**	**0.4741**		**2,065.5812**

3.5 Building Construction - 2015

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
Vendor	0.1299	1.1998	1.3364	2.6200e-003	0.0730	0.0197	0.0927	0.0208	0.0181	0.0389		265.5725	265.5725	2.3000e-003		265.6208
Worker	0.1035	0.1221	1.3349	2.8100e-003	0.2218	1.7400e-003	0.2235	0.0588	1.6000e-003	0.0604		243.0023	243.0023	0.0127		243.2698
Total	**0.2334**	**1.3219**	**2.6713**	**5.4300e-003**	**0.2948**	**0.0214**	**0.3162**	**0.0797**	**0.0197**	**0.0993**		**508.5748**	**508.5748**	**0.0150**		**508.8905**

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	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344	0.0000	2,055.6247	2,055.6247	0.4741		2,065.5812
Total	**3.6000**	**21.5642**	**15.0041**	**0.0220**		**1.4851**	**1.4851**		**1.4344**	**1.4344**	**0.0000**	**2,055.6247**	**2,055.6247**	**0.4741**		**2,065.5812**

3.5 Building Construction - 2015

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
Vendor	0.1299	1.1998	1.3364	2.6200e-003	0.0730	0.0197	0.0927	0.0208	0.0181	0.0389		265.5725	265.5725	2.3000e-003		265.6208
Worker	0.1035	0.1221	1.3349	2.8100e-003	0.2218	1.7400e-003	0.2235	0.0588	1.6000e-003	0.0604		243.0023	243.0023	0.0127		243.2698
Total	**0.2334**	**1.3219**	**2.6713**	**5.4300e-003**	**0.2948**	**0.0214**	**0.3162**	**0.0797**	**0.0197**	**0.0993**		**508.5748**	**508.5748**	**0.0150**		**508.8905**

3.6 Paving - 2015

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	1.4041	14.5959	9.1695	0.0133		0.8919	0.8919		0.8215	0.8215		1,382.4703	1,382.4703	0.4054		1,390.9826
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4041**	**14.5959**	**9.1695**	**0.0133**		**0.8919**	**0.8919**		**0.8215**	**0.8215**		**1,382.4703**	**1,382.4703**	**0.4054**		**1,390.9826**

3.6 Paving - 2015

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
Vendor	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
Worker	0.0498	0.0588	0.6427	1.3500e-003	0.1068	8.4000e-004	0.1076	0.0283	7.7000e-004	0.0291		117.0011	117.0011	6.1300e-003		117.1299
Total	**0.0498**	**0.0588**	**0.6427**	**1.3500e-003**	**0.1068**	**8.4000e-004**	**0.1076**	**0.0283**	**7.7000e-004**	**0.0291**		**117.0011**	**117.0011**	**6.1300e-003**		**117.1299**

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	1.4041	14.5959	9.1695	0.0133		0.8919	0.8919		0.8215	0.8215	0.0000	1,382.4703	1,382.4703	0.4054		1,390.9826
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4041**	**14.5959**	**9.1695**	**0.0133**		**0.8919**	**0.8919**		**0.8215**	**0.8215**	**0.0000**	**1,382.4703**	**1,382.4703**	**0.4054**		**1,390.9826**

3.6 Paving - 2015

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
Vendor	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
Worker	0.0498	0.0588	0.6427	1.3500e-003	0.1068	8.4000e-004	0.1076	0.0283	7.7000e-004	0.0291		117.0011	117.0011	6.1300e-003		117.1299
Total	**0.0498**	**0.0588**	**0.6427**	**1.3500e-003**	**0.1068**	**8.4000e-004**	**0.1076**	**0.0283**	**7.7000e-004**	**0.0291**		**117.0011**	**117.0011**	**6.1300e-003**		**117.1299**

3.7 Architectural Coating - 2015

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	90.3825					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177
Total	**90.7891**	**2.5703**	**1.9018**	**2.9700e-003**		**0.2209**	**0.2209**		**0.2209**	**0.2209**		**281.4481**	**281.4481**	**0.0367**		**282.2177**

3.7 Architectural Coating - 2015

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
Vendor	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
Worker	0.0192	0.0226	0.2472	5.2000e-004	0.0411	3.2000e-004	0.0414	0.0109	3.0000e-004	0.0112		45.0004	45.0004	2.3600e-003		45.0500
Total	**0.0192**	**0.0226**	**0.2472**	**5.2000e-004**	**0.0411**	**3.2000e-004**	**0.0414**	**0.0109**	**3.0000e-004**	**0.0112**		**45.0004**	**45.0004**	**2.3600e-003**		**45.0500**

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	90.3825					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209	0.0000	281.4481	281.4481	0.0367		282.2177
Total	**90.7891**	**2.5703**	**1.9018**	**2.9700e-003**		**0.2209**	**0.2209**		**0.2209**	**0.2209**	**0.0000**	**281.4481**	**281.4481**	**0.0367**		**282.2177**

3.7 Architectural Coating - 2015

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
Vendor	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
Worker	0.0192	0.0226	0.2472	5.2000e-004	0.0411	3.2000e-004	0.0414	0.0109	3.0000e-004	0.0112		45.0004	45.0004	2.3600e-003		45.0500
Total	**0.0192**	**0.0226**	**0.2472**	**5.2000e-004**	**0.0411**	**3.2000e-004**	**0.0414**	**0.0109**	**3.0000e-004**	**0.0112**		**45.0004**	**45.0004**	**2.3600e-003**		**45.0500**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	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					
Mitigated	1.6560	3.2047	15.1380	0.0283	1.8879	0.0423	1.9302	0.5039	0.0389	0.5428		2,537.3470	2,537.3470	0.1149		2,539.7599
Unmitigated	1.6560	3.2047	15.1380	0.0283	1.8879	0.0423	1.9302	0.5039	0.0389	0.5428		2,537.3470	2,537.3470	0.1149		2,539.7599

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	453.05	85.80	44.20	674,019	674,019
Total	453.05	85.80	44.20	674,019	674,019

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	5.80	5.80	5.80	59.00	28.00	13.00	92	5	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.509603	0.073619	0.192430	0.134105	0.036943	0.005309	0.012459	0.020989	0.001832	0.002087	0.006541	0.000614	0.003471

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	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					
NaturalGas Mitigated	0.0200	0.1821	0.1529	1.0900e-003		0.0138	0.0138		0.0138	0.0138		218.4754	218.4754	4.1900e-003	4.0100e-003	219.8050
NaturalGas Unmitigated	0.0226	0.2058	0.1729	1.2400e-003		0.0156	0.0156		0.0156	0.0156		247.0105	247.0105	4.7300e-003	4.5300e-003	248.5137

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	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
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	2099.59	0.0226	0.2058	0.1729	1.2400e-003		0.0156	0.0156		0.0156	0.0156		247.0105	247.0105	4.7300e-003	4.5300e-003	248.5137
Total		**0.0226**	**0.2058**	**0.1729**	**1.2400e-003**		**0.0156**	**0.0156**		**0.0156**	**0.0156**		**247.0105**	**247.0105**	**4.7300e-003**	**4.5300e-003**	**248.5137**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	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
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	1.85704	0.0200	0.1821	0.1529	1.0900e-003		0.0138	0.0138		0.0138	0.0138		218.4754	218.4754	4.1900e-003	4.0100e-003	219.8050
Total		**0.0200**	**0.1821**	**0.1529**	**1.0900e-003**		**0.0138**	**0.0138**		**0.0138**	**0.0138**		**218.4754**	**218.4754**	**4.1900e-003**	**4.0100e-003**	**219.8050**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	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					
Mitigated	1.6393	7.0000e-005	6.8600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0142	0.0142	4.0000e-005		0.0151
Unmitigated	1.7631	7.0000e-005	6.8600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0142	0.0142	4.0000e-005		0.0151

6.2 Area by SubCategory

Unmitigated

	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
SubCategory	lb/day										lb/day					
Consumer Products	1.3910					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.8000e-004	7.0000e-005	6.8600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0142	0.0142	4.0000e-005		0.0151
Architectural Coating	0.3714					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7631**	**7.0000e-005**	**6.8600e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**		**0.0142**	**0.0142**	**4.0000e-005**		**0.0151**

6.2 Area by SubCategory

Mitigated

	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
SubCategory	lb/day										lb/day					
Consumer Products	1.3910					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.8000e-004	7.0000e-005	6.8600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0142	0.0142	4.0000e-005		0.0151
Architectural Coating	0.2476					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6393**	**7.0000e-005**	**6.8600e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**		**0.0142**	**0.0142**	**4.0000e-005**		**0.0151**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

THIS PAGE IS INTENTIONALLY BLANK.

ATTACHMENT 3

CalEEMod Output – Operational Emissions for the Southeastern San Diego Adopted Land Uses

THIS PAGE IS INTENTIONALLY BLANK.

Southeastern San Diego CPU Update 2035 No-Project

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	163.60	1000sqft	3.76	163,600.00	0
Government (Civic Center)	2,332.80	1000sqft	53.55	2,332,800.00	0
General Light Industry	2,068.70	1000sqft	47.49	2,068,700.00	0
Apartments Low Rise	9,380.00	Dwelling Unit	586.25	9,380,000.00	26827
Single Family Housing	5,648.00	Dwelling Unit	1,833.77	10,166,400.00	16153
Strip Mall	1,758.20	1000sqft	40.36	1,758,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2035
Utility Company	User Defined				
CO2 Intensity (lb/MWhr)	558.38	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150

tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblConstructionPhase	NumDays	11,000.00	10.00
tblConstructionPhase	NumDays	155,000.00	10.00
tblConstructionPhase	NumDays	10,000.00	10.00
tblConstructionPhase	NumDays	15,500.00	10.00
tblConstructionPhase	NumDays	11,000.00	10.00
tblConstructionPhase	NumDays	6,000.00	10.00
tblProjectCharacteristics	CH4IntensityFactor	0	0.022
tblProjectCharacteristics	CO2IntensityFactor	0	558.38
tblProjectCharacteristics	N2OIntensityFactor	0	0.005
tblProjectCharacteristics	OperationalYear	2014	2035

2.0 Emissions Summary

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	tons/yr										MT/yr					
Area	1,293.1039	17.0426	1,542.1643	0.5648		201.6538	201.6538		201.6479	201.6479	19,122.1130	8,201.9198	27,324.0328	17.8203	1.5041	28,164.5305
Energy	1.8239	15.8241	8.3776	0.0995		1.2602	1.2602		1.2602	1.2602	0.0000	57,313.6894	57,313.6894	1.8929	0.6825	57,565.0176
Mobile	85.3901	144.0629	817.5976	3.1154	212.1457	3.4956	215.6413	56.7294	3.2292	59.9586	0.0000	196,880.8625	196,880.8625	5.9504	0.0000	197,005.8199

Waste						0.0000	0.0000		0.0000	0.0000	6,779.1958	0.0000	6,779.1958	400.6390	0.0000	15,192.6147
Water						0.0000	0.0000		0.0000	0.0000	803.5742	11,788.4828	12,592.0570	82.9992	2.0544	14,971.9001
Total	**1,380.3179**	**176.9296**	**2,368.1396**	**3.7797**	**212.1457**	**206.4095**	**418.5552**	**56.7294**	**206.1372**	**262.8666**	**26,704.8830**	**274,184.9546**	**300,889.8375**	**509.3018**	**4.2410**	**312,899.8828**

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	tons/yr										MT/yr					
Area	1,293.1039	17.0426	1,542.1643	0.5648		201.6538	201.6538		201.6479	201.6479	19,122.1130	8,201.9198	27,324.0328	17.8203	1.5041	28,164.5305
Energy	1.4588	12.6621	6.7429	0.0796		1.0079	1.0079		1.0079	1.0079	0.0000	51,797.6070	51,797.6070	1.7487	0.5992	52,020.0889
Mobile	85.3901	144.0629	817.5976	3.1154	212.1457	3.4956	215.6413	56.7294	3.2292	59.9586	0.0000	196,880.8625	196,880.8625	5.9504	0.0000	197,005.8199
Waste						0.0000	0.0000		0.0000	0.0000	6,779.1958	0.0000	6,779.1958	400.6390	0.0000	15,192.6147
Water						0.0000	0.0000		0.0000	0.0000	642.8593	9,885.8758	10,528.7352	66.4173	1.6476	12,434.2495
Total	**1,379.9528**	**173.7677**	**2,366.5048**	**3.7598**	**212.1457**	**206.1572**	**418.3029**	**56.7294**	**205.8850**	**262.6144**	**26,544.1681**	**266,766.2651**	**293,310.4333**	**492.5757**	**3.7509**	**304,817.3034**

	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	**0.03**	**1.79**	**0.07**	**0.53**	**0.00**	**0.12**	**0.06**	**0.00**	**0.12**	**0.10**	**0.60**	**2.71**	**2.52**	**3.28**	**11.56**	**2.58**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	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	tons/yr										MT/yr					
Mitigated	85.3901	144.0629	817.5976	3.1154	212.1457	3.4956	215.6413	56.7294	3.2292	59.9586	0.0000	196,880.8625	196,880.8625	5.9504	0.0000	197,005.8199
Unmitigated	85.3901	144.0629	817.5976	3.1154	212.1457	3.4956	215.6413	56.7294	3.2292	59.9586	0.0000	196,880.8625	196,880.8625	5.9504	0.0000	197,005.8199

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	61,814.20	67,160.80	56936.60	176,689,598	176,689,598
General Light Industry	14,418.84	2,730.68	1406.72	31,794,142	31,794,142
General Office Building	1,801.24	387.73	160.33	3,261,753	3,261,753
Government (Civic Center)	65,131.78	0.00	0.00	88,934,509	88,934,509
Single Family Housing	54,051.36	56,931.84	49532.96	153,664,921	153,664,921
Strip Mall	77,923.42	73,914.73	35920.03	109,881,770	109,881,770
Total	275,140.84	201,125.78	143,956.63	564,226,693	564,226,693

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Government (Civic Center)	9.50	7.30	7.30	75.00	20.00	5.00	50	34	16
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.511887	0.074493	0.190892	0.129437	0.036275	0.005211	0.012579	0.024993	0.001957	0.001971	0.006467	0.000450	0.003389

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	37,360.6010	37,360.6010	1.4720	0.3345	37,495.2217
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	39,263.3414	39,263.3414	1.5470	0.3516	39,404.8182
NaturalGas Mitigated	1.4588	12.6621	6.7429	0.0796		1.0079	1.0079		1.0079	1.0079	0.0000	14,437.0060	14,437.0060	0.2767	0.2647	14,524.8672
NaturalGas Unmitigated	1.8239	15.8241	8.3776	0.0995		1.2602	1.2602		1.2602	1.2602	0.0000	18,050.3480	18,050.3480	0.3460	0.3309	18,160.1994

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	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
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	3.44051e+006	0.0186	0.1687	0.1417	1.0100e-003		0.0128	0.0128		0.0128	0.0128	0.0000	183.5986	183.5986	3.5200e-003	3.3700e-003	184.7160
Government (Civic Center)	4.90588e+007	0.2645	2.4048	2.0201	0.0144		0.1828	0.1828		0.1828	0.1828	0.0000	2,617.9635	2,617.9635	0.0502	0.0480	2,633.8960
Single Family Housing	1.56187e+008	0.8422	7.1969	3.0625	0.0459		0.5819	0.5819		0.5819	0.5819	0.0000	8,334.7284	8,334.7284	0.1598	0.1528	8,385.4522

Strip Mall	4.02628e+006	0.0217	0.1974	0.1658	1.1800e-003		0.0150	0.0150		0.0150	0.0150	0.0000	214.8575	214.8575	4.1200e-003	3.9400e-003	216.1651
Apartments Low Rise	1.01148e+008	0.5454	4.6608	1.9833	0.0298		0.3768	0.3768		0.3768	0.3768	0.0000	5,397.6581	5,397.6581	0.1035	0.0990	5,430.5073
General Light Industry	2.439e+007	0.1315	1.1956	1.0043	7.1700e-003		0.0909	0.0909		0.0909	0.0909	0.0000	1,301.5418	1,301.5418	0.0250	0.0239	1,309.4628
Total		**1.8239**	**15.8241**	**8.3776**	**0.0995**		**1.2602**	**1.2602**		**1.2602**	**1.2602**	**0.0000**	**18,050.3480**	**18,050.3480**	**0.3460**	**0.3309**	**18,160.1994**

Mitigated

	NaturalGas Use	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
Land Use	kBTU/yr	tons/yr										MT/yr					
Government (Civic Center)	3.86154e+007	0.2082	1.8929	1.5900	0.0114		0.1439	0.1439		0.1439	0.1439	0.0000	2,060.6622	2,060.6622	0.0395	0.0378	2,073.2031
Single Family Housing	1.23383e+008	0.6653	5.6853	2.4193	0.0363		0.4597	0.4597		0.4597	0.4597	0.0000	6,584.2120	6,584.2120	0.1262	0.1207	6,624.2824
Strip Mall	3.46506e+006	0.0187	0.1699	0.1427	1.0200e-003		0.0129	0.0129		0.0129	0.0129	0.0000	184.9088	184.9088	3.5400e-003	3.3900e-003	186.0342
Apartments Low Rise	8.04756e+007	0.4339	3.7082	1.5780	0.0237		0.2998	0.2998		0.2998	0.2998	0.0000	4,294.4822	4,294.4822	0.0823	0.0787	4,320.6177
General Light Industry	2.18917e+007	0.1180	1.0731	0.9014	6.4400e-003		0.0816	0.0816		0.0816	0.0816	0.0000	1,168.2260	1,168.2260	0.0224	0.0214	1,175.3356
General Office Building	2.70811e+006	0.0146	0.1328	0.1115	8.0000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	144.5149	144.5149	2.7700e-003	2.6500e-003	145.3944
Total		**1.4588**	**12.6622**	**6.7429**	**0.0796**		**1.0079**	**1.0079**		**1.0079**	**1.0079**	**0.0000**	**14,437.0060**	**14,437.0060**	**0.2767**	**0.2647**	**14,524.8673**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			

Apartments Low Rise	3.40591e+007	8,626.3738	0.3399	0.0772	8,657.4570
General Light Industry	1.86183e+007	4,715.5855	0.1858	0.0422	4,732.5770
General Office Building	2.45236e+006	621.1272	0.0245	5.5600e-003	623.3653
Government (Civic Center)	3.49687e+007	8,856.7571	0.3490	0.0793	8,888.6705
Single Family Housing	4.02379e+007	10,191.3250	0.4015	0.0913	10,228.0473
Strip Mall	2.46851e+007	6,252.1729	0.2463	0.0560	6,274.7012
Total		**39,263.3414**	**1.5470**	**0.3516**	**39,404.8183**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	3.35981e+007	8,509.6217	0.3353	0.0762	8,540.2843
General Light Industry	1.78039e+007	4,509.3153	0.1777	0.0404	4,525.5636
General Office Building	2.20475e+006	558.4120	0.0220	5.0000e-003	560.4241
Government (Civic Center)	3.14379e+007	7,962.4905	0.3137	0.0713	7,991.1816
Single Family Housing	3.95984e+007	10,029.3702	0.3952	0.0898	10,065.5088
Strip Mall	2.28658e+007	5,791.3913	0.2282	0.0519	5,812.2593
Total		**37,360.6010**	**1.4720**	**0.3346**	**37,495.2217**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	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	tons/yr										MT/yr					
Mitigated	1,293.1039	17.0426	1,542.1643	0.5648		201.6538	201.6538		201.6479	201.6479	19,122.1130	8,201.9198	27,324.0328	17.8203	1.5041	28,164.5305
Unmitigated	1,293.1039	17.0426	1,542.1643	0.5648		201.6538	201.6538		201.6479	201.6479	19,122.1130	8,201.9198	27,324.0328	17.8203	1.5041	28,164.5305

6.2 Area by SubCategory

Unmitigated

	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
SubCategory	tons/yr										MT/yr					
Architectural Coating	27.1824					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	101.0341					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1,161.5575	15.7592	1,430.9141	0.5589		201.0348	201.0348		201.0289	201.0289	19,122.1130	8,019.5353	27,141.6483	17.6465	1.5041	27,978.4961
Landscaping	3.3299	1.2834	111.2502	5.9000e-003		0.6190	0.6190		0.6190	0.6190	0.0000	182.3845	182.3845	0.1738	0.0000	186.0344
Total	**1,293.1039**	**17.0426**	**1,542.1643**	**0.5648**		**201.6538**	**201.6538**		**201.6479**	**201.6479**	**19,122.1130**	**8,201.9198**	**27,324.0328**	**17.8203**	**1.5041**	**28,164.5305**

Mitigated

	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
SubCategory	tons/yr										MT/yr					
Architectural Coating	27.1824					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	101.0341					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1,161.5575	15.7592	1,430.9141	0.5589		201.0348	201.0348		201.0289	201.0289	19,122.1130	8,019.5353	27,141.6483	17.6465	1.5041	27,978.4961
Landscaping	3.3299	1.2834	111.2502	5.9000e-003		0.6190	0.6190		0.6190	0.6190	0.0000	182.3845	182.3845	0.1738	0.0000	186.0344
Total	**1,293.1039**	**17.0426**	**1,542.1643**	**0.5648**		**201.6538**	**201.6538**		**201.6479**	**201.6479**	**19,122.1130**	**8,201.9198**	**27,324.0328**	**17.8203**	**1.5041**	**28,164.5305**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	10,528.7352	66.4173	1.6476	12,434.2495
Unmitigated	12,592.0570	82.9992	2.0544	14,971.9001

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	830.518 / 523.588	4,475.7938	27.2284	0.6767	5,257.3745
General Light Industry	575.604 / 0	2,080.9091	18.8309	0.4599	2,618.9170
General Office Building	49.3033 / 30.2182	263.2712	1.6163	0.0402	309.6606
Government (Civic Center)	515.204 / 315.77	2,751.0993	16.8899	0.4196	3,235.8537
Single Family Housing	375.613 / 236.799	2,024.2372	12.3144	0.3061	2,377.7174
Strip Mall	186.663 / 114.406	996.7464	6.1194	0.1520	1,172.3770
Total		**12,592.0570**	**82.9992**	**2.0544**	**14,971.9001**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	664.415 / 523.588	3,799.2481	21.7914	0.5433	4,425.3003
General Light Industry	460.483 / 0	1,612.0180	15.0626	0.3674	2,042.2344
General Office Building	39.4427 / 30.2182	223.1084	1.2935	0.0322	260.2649
Government (Civic Center)	412.163 / 315.77	2,331.4107	13.5171	0.3368	2,719.6845
Single Family Housing	300.49 / 236.799	1,718.2604	9.8554	0.2457	2,001.4008
Strip Mall	149.33 / 114.406	844.6897	4.8973	0.1220	985.3646

Total		**10,528.7352**	**66.4173**	**1.6476**	**12,434.2495**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	6,779.1958	400.6390	0.0000	15,192.6147
Unmitigated	6,779.1958	400.6390	0.0000	15,192.6147

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	5863.62	1,190.2619	70.3425	0.0000	2,667.4536
General Light Industry	3086.48	626.5276	37.0267	0.0000	1,404.0886
General Office Building	257.98	52.3676	3.0948	0.0000	117.3592
Government (Civic Center)	14782.4	3,000.6896	177.3357	0.0000	6,724.7387
Single Family Housing	6760.08	1,372.2352	81.0968	0.0000	3,075.2674

Strip Mall	2646	537.1141	31.7425	0.0000	1,203.7073
Total		**6,779.1958**	**400.6390**	**0.0000**	**15,192.6147**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	5863.62	1,190.2619	70.3425	0.0000	2,667.4536
General Light Industry	3086.48	626.5276	37.0267	0.0000	1,404.0886
General Office Building	257.98	52.3676	3.0948	0.0000	117.3592
Government (Civic Center)	14782.4	3,000.6896	177.3357	0.0000	6,724.7387
Single Family Housing	6760.08	1,372.2352	81.0968	0.0000	3,075.2674
Strip Mall	2646	537.1141	31.7425	0.0000	1,203.7073
Total		**6,779.1958**	**400.6390**	**0.0000**	**15,192.6147**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

ATTACHMENT 4

CalEEMod Output – Operational Emissions for the Southeastern San Diego CPU Land Uses

THIS PAGE IS INTENTIONALLY BLANK.

Southeastern San Diego CPU Update 2035 Buildout

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	277.40	1000sqft	6.37	277,400.00	0
Government (Civic Center)	2,593.40	1000sqft	59.54	2,593,400.00	0
General Light Industry	2,489.10	1000sqft	57.14	2,489,100.00	0
Apartments Low Rise	12,747.00	Dwelling Unit	796.69	12,747,000.00	36456
Single Family Housing	5,765.00	Dwelling Unit	1,871.75	10,377,000.00	16488
Strip Mall	2,520.00	1000sqft	57.85	2,520,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2035
Utility Company	User Defined				
CO2 Intensity (lb/MWhr)	558.38	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150

tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblConstructionPhase	NumDays	11,000.00	10.00
tblConstructionPhase	NumDays	155,000.00	10.00
tblConstructionPhase	NumDays	10,000.00	10.00
tblConstructionPhase	NumDays	15,500.00	10.00
tblConstructionPhase	NumDays	11,000.00	10.00
tblConstructionPhase	NumDays	6,000.00	10.00
tblProjectCharacteristics	CH4IntensityFactor	0	0.022
tblProjectCharacteristics	CO2IntensityFactor	0	558.38
tblProjectCharacteristics	N2OIntensityFactor	0	0.005
tblProjectCharacteristics	OperationalYear	2014	2035

2.0 Emissions Summary

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	tons/yr										MT/yr					
Area	1,331.1361	17.3401	1,567.9567	0.5662		201.7973	201.7973		201.7914	201.7914	19,122.1130	8,244.2043	27,366.3173	17.8606	1.5041	28,207.6613
Energy	2.1157	18.3606	9.7531	0.1154		1.4618	1.4618		1.4618	1.4618	0.0000	68,597.9415	68,597.9415	2.2791	0.8106	68,897.0996
Mobile	106.6174	178.6470	1,015.8010	3.8512	262.1085	4.3285	266.4370	70.0898	3.9987	74.0885	0.0000	243,380.9999	243,380.9999	7.3627	0.0000	243,535.6163
Waste						0.0000	0.0000		0.0000	0.0000	6,779.1958	0.0000	6,779.1958	400.6390	0.0000	15,192.6147
Water						0.0000	0.0000		0.0000	0.0000	803.5742	11,788.4828	12,592.0570	82.9992	2.0544	14,971.9001

Total	**1,439.8693**	**214.3477**	**2,593.5108**	**4.5328**	**262.1085**	**207.5875**	**469.6960**	**70.0898**	**207.2518**	**277.3417**	**26,704.8830**	**332,011.6286**	**358,716.5116**	**511.1406**	**4.3691**	**370,804.8919**

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	tons/yr										MT/yr					
Area	1,313.9276	17.3401	1,567.9567	0.5662		201.7973	201.7973		201.7914	201.7914	19,122.1130	8,244.2043	27,366.3173	17.8606	1.5041	28,207.6613
Energy	1.6938	14.7065	7.8596	0.0924		1.1703	1.1703		1.1703	1.1703	0.0000	62,089.7385	62,089.7385	2.1072	0.7132	62,355.0807
Mobile	94.7554	130.4939	786.6943	2.5339	169.0933	3.0169	172.1102	45.2168	2.7878	48.0046	0.0000	160,090.6623	160,090.6623	5.0047	0.0000	160,195.7609
Waste						0.0000	0.0000		0.0000	0.0000	6,779.1958	0.0000	6,779.1958	400.6390	0.0000	15,192.6147
Water						0.0000	0.0000		0.0000	0.0000	642.8593	9,885.8758	10,528.7352	66.4173	1.6476	12,434.2495
Total	**1,410.3769**	**162.5405**	**2,362.5106**	**3.1925**	**169.0933**	**205.9845**	**375.0777**	**45.2168**	**205.7494**	**250.9663**	**26,544.1681**	**240,310.4809**	**266,854.6490**	**492.0288**	**3.8649**	**278,385.3671**

	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	**2.05**	**24.17**	**8.91**	**29.57**	**35.49**	**0.77**	**20.14**	**35.49**	**0.72**	**9.51**	**0.60**	**27.62**	**25.61**	**3.74**	**11.54**	**24.92**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Diversity

Increase Transit Accessibility

	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	tons/yr										MT/yr					
Mitigated	94.7554	130.4939	786.6943	2.5339	169.0933	3.0169	172.1102	45.2168	2.7878	48.0046	0.0000	160,090.6623	160,090.6623	5.0047	0.0000	160,195.7609
Unmitigated	106.6174	178.6470	1,015.8010	3.8512	262.1085	4.3285	266.4370	70.0898	3.9987	74.0885	0.0000	243,380.9999	243,380.9999	7.3627	0.0000	243,535.6163

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	84,002.73	91,268.52	77374.29	240,113,253	154,903,542
General Light Industry	17,349.03	3,285.61	1692.59	38,255,328	24,679,545
General Office Building	3,054.17	657.44	271.85	5,530,625	3,567,956
Government (Civic Center)	72,407.73	0.00	0.00	98,869,494	63,783,380
Single Family Housing	55,171.05	58,111.20	50559.05	156,848,136	101,186,967
Strip Mall	111,686.40	105,940.80	51483.60	157,491,787	101,602,204
Total	343,671.11	259,263.57	181,381.38	697,108,623	449,723,595

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Government (Civic Center)	9.50	7.30	7.30	75.00	20.00	5.00	50	34	16
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.511887	0.074493	0.190892	0.129437	0.036275	0.005211	0.012579	0.024993	0.001957	0.001971	0.006467	0.000450	0.003389

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	45,326.5639	45,326.5639	1.7859	0.4059	45,489.8882
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	47,659.6597	47,659.6597	1.8778	0.4268	47,831.3909
NaturalGas Mitigated	1.6938	14.7065	7.8596	0.0924		1.1703	1.1703		1.1703	1.1703	0.0000	16,763.1746	16,763.1746	0.3213	0.3073	16,865.1924
NaturalGas Unmitigated	2.1157	18.3606	9.7531	0.1154		1.4618	1.4618		1.4618	1.4618	0.0000	20,938.2818	20,938.2818	0.4013	0.3839	21,065.7087

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	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
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	5.83372e+006	0.0315	0.2860	0.2402	1.7200e-003		0.0217	0.0217		0.0217	0.0217	0.0000	311.3096	311.3096	5.9700e-003	5.7100e-003	313.2042
Government (Civic Center)	5.45392e+007	0.2941	2.6735	2.2457	0.0160		0.2032	0.2032		0.2032	0.2032	0.0000	2,910.4195	2,910.4195	0.0558	0.0534	2,928.1318
Single Family Housing	1.59422e+008	0.8596	7.3459	3.1259	0.0469		0.5939	0.5939		0.5939	0.5939	0.0000	8,507.3848	8,507.3848	0.1631	0.1560	8,559.1593
Strip Mall	5.7708e+006	0.0311	0.2829	0.2376	1.7000e-003		0.0215	0.0215		0.0215	0.0215	0.0000	307.9519	307.9519	5.9000e-003	5.6500e-003	309.8260
Apartments Low Rise	1.37456e+008	0.7412	6.3338	2.6952	0.0404		0.5121	0.5121		0.5121	0.5121	0.0000	7,335.1756	7,335.1756	0.1406	0.1345	7,379.8163

General Light Industry	2.93465e+007	0.1582	1.4386	1.2084	8.6300e-003		0.1093	0.1093		0.1093	0.1093	0.0000	1,566.0404	1,566.0404	0.0300	0.0287	1,575.5711
Total		**2.1157**	**18.3606**	**9.7531**	**0.1154**		**1.4618**	**1.4618**		**1.4618**	**1.4618**	**0.0000**	**20,938.2818**	**20,938.2818**	**0.4013**	**0.3839**	**21,065.7087**

Mitigated

	NaturalGas Use	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
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	4.59186e+006	0.0248	0.2251	0.1891	1.3500e-003		0.0171	0.0171		0.0171	0.0171	0.0000	245.0393	245.0393	4.7000e-003	4.4900e-003	246.5306
Government (Civic Center)	4.29291e+007	0.2315	2.1044	1.7677	0.0126		0.1599	0.1599		0.1599	0.1599	0.0000	2,290.8614	2,290.8614	0.0439	0.0420	2,304.8032
Single Family Housing	1.25939e+008	0.6791	5.8031	2.4694	0.0370		0.4692	0.4692		0.4692	0.4692	0.0000	6,720.6059	6,720.6059	0.1288	0.1232	6,761.5064
Strip Mall	4.96642e+006	0.0268	0.2435	0.2045	1.4600e-003		0.0185	0.0185		0.0185	0.0185	0.0000	265.0269	265.0269	5.0800e-003	4.8600e-003	266.6398
Apartments Low Rise	1.09363e+008	0.5897	5.0393	2.1444	0.0322		0.4074	0.4074		0.4074	0.4074	0.0000	5,836.0090	5,836.0090	0.1119	0.1070	5,871.5259
General Light Industry	2.63406e+007	0.1420	1.2912	1.0846	7.7500e-003		0.0981	0.0981		0.0981	0.0981	0.0000	1,405.6322	1,405.6322	0.0269	0.0258	1,414.1866
Total		**1.6938**	**14.7065**	**7.8596**	**0.0924**		**1.1703**	**1.1703**		**1.1703**	**1.1703**	**0.0000**	**16,763.1746**	**16,763.1746**	**0.3213**	**0.3073**	**16,865.1924**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	4.62847e+007	11,722.8557	0.4619	0.1050	11,765.0964
General Light Industry	2.24019e+007	5,673.8840	0.2236	0.0508	5,694.3286

General Office Building	4.15823e+006	1,053.1826	0.0415	9.4300e-003	1,056.9775
Government (Civic Center)	3.88751e+007	9,846.1565	0.3879	0.0882	9,881.6350
Single Family Housing	4.10714e+007	10,402.4414	0.4099	0.0932	10,439.9243
Strip Mall	3.53808e+007	8,961.1396	0.3531	0.0802	8,993.4291
Total		**47,659.6597**	**1.8778**	**0.4268**	**47,831.3909**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	4.56583e+007	11,564.1949	0.4556	0.1036	11,605.8639
General Light Industry	2.1422e+007	5,425.6957	0.2138	0.0486	5,445.2460
General Office Building	3.73837e+006	946.8428	0.0373	8.4800e-003	950.2545
Government (Civic Center)	3.49499e+007	8,851.9903	0.3488	0.0793	8,883.8865
Single Family Housing	4.04187e+007	10,237.1316	0.4033	0.0917	10,274.0189
Strip Mall	3.27733e+007	8,300.7087	0.3271	0.0743	8,330.6185
Total		**45,326.5639**	**1.7859**	**0.4059**	**45,489.8882**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	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	tons/yr										MT/yr					
Mitigated	1,313.9276	17.3401	1,567.9567	0.5662		201.7973	201.7973		201.7914	201.7914	19,122.1130	8,244.2043	27,366.3173	17.8606	1.5041	28,207.6613
Unmitigated	1,331.1361	17.3401	1,567.9567	0.5662		201.7973	201.7973		201.7914	201.7914	19,122.1130	8,244.2043	27,366.3173	17.8606	1.5041	28,207.6613

6.2 Area by SubCategory

Unmitigated

	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
SubCategory	tons/yr										MT/yr					
Architectural Coating	44.3909					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	121.0857					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1,161.5575	15.7592	1,430.9141	0.5589		201.0348	201.0348		201.0289	201.0289	19,122.1130	8,019.5353	27,141.6483	17.6465	1.5041	27,978.4961
Landscaping	4.1020	1.5809	137.0426	7.2600e-003		0.7625	0.7625		0.7625	0.7625	0.0000	224.6690	224.6690	0.2141	0.0000	229.1652
Total	**1,331.1361**	**17.3401**	**1,567.9567**	**0.5662**		**201.7973**	**201.7973**		**201.7914**	**201.7914**	**19,122.1130**	**8,244.2043**	**27,366.3173**	**17.8606**	**1.5041**	**28,207.6613**

Mitigated

	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
SubCategory	tons/yr										MT/yr					
Architectural Coating	27.1824					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	121.0857					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1,161.5575	15.7592	1,430.9141	0.5589		201.0348	201.0348		201.0289	201.0289	19,122.1130	8,019.5353	27,141.6483	17.6465	1.5041	27,978.4961
Landscaping	4.1020	1.5809	137.0426	7.2600e-003		0.7625	0.7625		0.7625	0.7625	0.0000	224.6690	224.6690	0.2141	0.0000	229.1652
Total	**1,313.9276**	**17.3401**	**1,567.9567**	**0.5662**		**201.7973**	**201.7973**		**201.7914**	**201.7914**	**19,122.1130**	**8,244.2043**	**27,366.3173**	**17.8606**	**1.5041**	**28,207.6613**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	10,528.7352	66.4173	1.6476	12,434.2495
Unmitigated	12,592.0570	82.9992	2.0544	14,971.9001

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e

Land Use	Mgal	MT/yr			
Apartments Low Rise	830.518 / 523.588	4,475.7938	27.2284	0.6767	5,257.3745
General Light Industry	575.604 / 0	2,080.9091	18.8309	0.4599	2,618.9170
General Office Building	49.3033 / 30.2182	263.2712	1.6163	0.0402	309.6606
Government (Civic Center)	515.204 / 315.77	2,751.0993	16.8899	0.4196	3,235.8537
Single Family Housing	375.613 / 236.799	2,024.2372	12.3144	0.3061	2,377.7174
Strip Mall	186.663 / 114.406	996.7464	6.1194	0.1520	1,172.3770
Total		**12,592.0570**	**82.9992**	**2.0544**	**14,971.9001**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	664.415 / 523.588	3,799.2481	21.7914	0.5433	4,425.3003
General Light Industry	460.483 / 0	1,612.0180	15.0626	0.3674	2,042.2344
General Office Building	39.4427 / 30.2182	223.1084	1.2935	0.0322	260.2649
Government (Civic Center)	412.163 / 315.77	2,331.4107	13.5171	0.3368	2,719.6845
Single Family Housing	300.49 / 236.799	1,718.2604	9.8554	0.2457	2,001.4008
Strip Mall	149.33 / 114.406	844.6897	4.8973	0.1220	985.3646
Total		**10,528.7352**	**66.4173**	**1.6476**	**12,434.2495**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	6,779.1958	400.6390	0.0000	15,192.6147
Unmitigated	6,779.1958	400.6390	0.0000	15,192.6147

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	5863.62	1,190.2619	70.3425	0.0000	2,667.4536
General Light Industry	3086.48	626.5276	37.0267	0.0000	1,404.0886
General Office Building	257.98	52.3676	3.0948	0.0000	117.3592
Government (Civic Center)	14782.4	3,000.6896	177.3357	0.0000	6,724.7387
Single Family Housing	6760.08	1,372.2352	81.0968	0.0000	3,075.2674
Strip Mall	2646	537.1141	31.7425	0.0000	1,203.7073
Total		**6,779.1958**	**400.6390**	**0.0000**	**15,192.6147**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	5863.62	1,190.2619	70.3425	0.0000	2,667.4536
General Light Industry	3086.48	626.5276	37.0267	0.0000	1,404.0886
General Office Building	257.98	52.3676	3.0948	0.0000	117.3592
Government (Civic Center)	14782.4	3,000.6896	177.3357	0.0000	6,724.7387
Single Family Housing	6760.08	1,372.2352	81.0968	0.0000	3,075.2674
Strip Mall	2646	537.1141	31.7425	0.0000	1,203.7073
Total		**6,779.1958**	**400.6390**	**0.0000**	**15,192.6147**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

ATTACHMENT 5

CalEEMod Output – Operational Emissions for the Encanto Neighborhoods Adopted Land Uses

THIS PAGE IS INTENTIONALLY BLANK.

Encanto CPU Update 2035 No-Project

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	150.20	1000sqft	3.45	150,200.00	0
Government (Civic Center)	2,035.00	1000sqft	46.72	2,035,000.00	0
General Light Industry	465.40	1000sqft	10.68	465,400.00	0
Apartments Low Rise	3,943.00	Dwelling Unit	246.44	3,943,000.00	11277
Single Family Housing	9,846.00	Dwelling Unit	3,196.75	17,722,800.00	28160
Strip Mall	413.90	1000sqft	9.50	413,900.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2035
Utility Company	User Defined				
CO2 Intensity (lb/MWhr)	558.38	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150

tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblConstructionPhase	NumDays	11,000.00	10.00
tblConstructionPhase	NumDays	155,000.00	10.00
tblConstructionPhase	NumDays	10,000.00	10.00
tblConstructionPhase	NumDays	15,500.00	10.00
tblConstructionPhase	NumDays	11,000.00	10.00
tblConstructionPhase	NumDays	6,000.00	10.00
tblProjectCharacteristics	CH4IntensityFactor	0	0.022
tblProjectCharacteristics	CO2IntensityFactor	0	558.38
tblProjectCharacteristics	N2OIntensityFactor	0	0.005
tblProjectCharacteristics	OperationalYear	2014	2035

2.0 Emissions Summary

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	tons/yr										MT/yr					
Area	1,452.7344	19.1372	1,732.7788	0.6424		229.6750	229.6750		229.6682	229.6682	21,792.3087	9,306.6751	31,098.9838	20.2700	1.7141	32,056.0346
Energy	1.9799	17.0734	8.3297	0.1080		1.3679	1.3679		1.3679	1.3679	0.0000	51,815.9206	51,815.9206	1.6451	0.6478	52,051.2720
Mobile	64.7847	113.9075	639.2228	2.5085	171.3590	2.7873	174.1463	45.8227	2.5748	48.3975	0.0000	158,532.4087	158,532.4087	4.7653	0.0000	158,632.4790

Waste						0.0000	0.0000		0.0000	0.0000	6,029.0508	0.0000	6,029.0508	356.3067	0.0000	13,511.4915
Water						0.0000	0.0000		0.0000	0.0000	640.5756	9,988.0246	10,628.6001	66.1868	1.6430	12,527.8397
Total	**1,519.4991**	**150.1180**	**2,380.3313**	**3.2588**	**171.3590**	**233.8302**	**405.1892**	**45.8227**	**233.6110**	**279.4337**	**28,461.9351**	**229,643.0290**	**258,104.9641**	**449.1738**	**4.0049**	**268,779.1168**

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	tons/yr										MT/yr					
Area	1,452.7344	19.1372	1,732.7788	0.6424		229.6750	229.6750		229.6682	229.6682	21,792.3087	9,306.6751	31,098.9838	20.2700	1.7141	32,056.0346
Energy	1.5682	13.5244	6.6066	0.0855		1.0835	1.0835		1.0835	1.0835	0.0000	46,417.5054	46,417.5054	1.5148	0.5612	46,623.2898
Mobile	64.7847	113.9075	639.2228	2.5085	171.3590	2.7873	174.1463	45.8227	2.5748	48.3975	0.0000	158,532.4087	158,532.4087	4.7653	0.0000	158,632.4790
Waste						0.0000	0.0000		0.0000	0.0000	6,029.0508	0.0000	6,029.0508	356.3067	0.0000	13,511.4915
Water						0.0000	0.0000		0.0000	0.0000	512.4605	8,471.3462	8,983.8066	52.9684	1.3187	10,504.9312
Total	**1,519.0874**	**146.5690**	**2,378.6082**	**3.2364**	**171.3590**	**233.5458**	**404.9048**	**45.8227**	**233.3266**	**279.1493**	**28,333.8200**	**222,727.9354**	**251,061.7554**	**435.8252**	**3.5940**	**261,328.2261**

	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	**0.03**	**2.36**	**0.07**	**0.69**	**0.00**	**0.12**	**0.07**	**0.00**	**0.12**	**0.10**	**0.45**	**3.01**	**2.73**	**2.97**	**10.26**	**2.77**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	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	tons/yr										MT/yr					
Mitigated	64.7847	113.9075	639.2228	2.5085	171.3590	2.7873	174.1463	45.8227	2.5748	48.3975	0.0000	158,532.4087	158,532.4087	4.7653	0.0000	158,632.4790
Unmitigated	64.7847	113.9075	639.2228	2.5085	171.3590	2.7873	174.1463	45.8227	2.5748	48.3975	0.0000	158,532.4087	158,532.4087	4.7653	0.0000	158,632.4790

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	25,984.37	28,231.88	23934.01	74,273,677	74,273,677
General Light Industry	3,243.84	614.33	316.47	7,152,798	7,152,798
General Office Building	1,653.70	355.97	147.20	2,994,592	2,994,592
Government (Civic Center)	56,817.20	0.00	0.00	77,581,330	77,581,330
Single Family Housing	94,226.22	99,247.68	86349.42	267,879,748	267,879,748
Strip Mall	18,344.05	17,400.36	8455.98	25,867,401	25,867,401
Total	200,269.38	145,850.22	119,203.08	455,749,546	455,749,546

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Government (Civic Center)	9.50	7.30	7.30	75.00	20.00	5.00	50	34	16
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.511887	0.074493	0.190892	0.129437	0.036275	0.005211	0.012579	0.024993	0.001957	0.001971	0.006467	0.000450	0.003389

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	30,897.5654	30,897.5654	1.2174	0.2767	31,008.8981
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	32,221.5381	32,221.5381	1.2695	0.2885	32,337.6413
NaturalGas Mitigated	1.5682	13.5244	6.6066	0.0855		1.0835	1.0835		1.0835	1.0835	0.0000	15,519.9400	15,519.9400	0.2975	0.2845	15,614.3918
NaturalGas Unmitigated	1.9799	17.0734	8.3297	0.1080		1.3679	1.3679		1.3679	1.3679	0.0000	19,594.3826	19,594.3826	0.3756	0.3592	19,713.6307

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	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
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	3.15871e+006	0.0170	0.1548	0.1301	9.3000e-004		0.0118	0.0118		0.0118	0.0118	0.0000	168.5606	168.5606	3.2300e-003	3.0900e-003	169.5864
Government (Civic Center)	4.2796e+007	0.2308	2.0979	1.7622	0.0126		0.1594	0.1594		0.1594	0.1594	0.0000	2,283.7602	2,283.7602	0.0438	0.0419	2,297.6588
Single Family Housing	2.72276e+008	1.4682	12.5461	5.3388	0.0801		1.0144	1.0144		1.0144	1.0144	0.0000	14,529.6983	14,529.6983	0.2785	0.2664	14,618.1236

Strip Mall	947831	5.1100e-003	0.0465	0.0390	2.8000e-004		3.5300e-003	3.5300e-003		3.5300e-003	3.5300e-003	0.0000	50.5799	50.5799	9.7000e-004	9.3000e-004	50.8877
Apartments Low Rise	4.25189e+007	0.2293	1.9592	0.8337	0.0125		0.1584	0.1584		0.1584	0.1584	0.0000	2,268.9729	2,268.9729	0.0435	0.0416	2,282.7815
General Light Industry	5.48707e+006	0.0296	0.2690	0.2259	1.6100e-003		0.0204	0.0204		0.0204	0.0204	0.0000	292.8107	292.8107	5.6100e-003	5.3700e-003	294.5927
Total		**1.9799**	**17.0734**	**8.3297**	**0.1080**		**1.3679**	**1.3679**		**1.3679**	**1.3679**	**0.0000**	**19,594.3826**	**19,594.3826**	**0.3756**	**0.3592**	**19,713.6307**

Mitigated

	NaturalGas Use	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
Land Use	kBTU/yr	tons/yr										MT/yr					
Government (Civic Center)	3.36858e+007	0.1816	1.6513	1.3871	9.9100e-003		0.1255	0.1255		0.1255	0.1255	0.0000	1,797.6027	1,797.6027	0.0345	0.0330	1,808.5426
Single Family Housing	2.15091e+008	1.1598	9.9111	4.2175	0.0633		0.8013	0.8013		0.8013	0.8013	0.0000	11,478.0721	11,478.0721	0.2200	0.2104	11,547.9257
Strip Mall	815714	4.4000e-003	0.0400	0.0336	2.4000e-004		3.0400e-003	3.0400e-003		3.0400e-003	3.0400e-003	0.0000	43.5296	43.5296	8.3000e-004	8.0000e-004	43.7945
Apartments Low Rise	3.38289e+007	0.1824	1.5588	0.6633	9.9500e-003		0.1260	0.1260		0.1260	0.1260	0.0000	1,805.2391	1,805.2391	0.0346	0.0331	1,816.2255
General Light Industry	4.92503e+006	0.0266	0.2414	0.2028	1.4500e-003		0.0184	0.0184		0.0184	0.0184	0.0000	262.8184	262.8184	5.0400e-003	4.8200e-003	264.4178
General Office Building	2.48629e+006	0.0134	0.1219	0.1024	7.3000e-004		9.2600e-003	9.2600e-003		9.2600e-003	9.2600e-003	0.0000	132.6781	132.6781	2.5400e-003	2.4300e-003	133.4856
Total		**1.5682**	**13.5244**	**6.6066**	**0.0855**		**1.0835**	**1.0835**		**1.0835**	**1.0835**	**0.0000**	**15,519.9400**	**15,519.9400**	**0.2975**	**0.2845**	**15,614.3918**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			

Apartments Low Rise	1.43172e+007	3,626.2038	0.1429	0.0325	3,639.2700
General Light Industry	4.1886e+006	1,060.8757	0.0418	9.5000e-003	1,064.6983
General Office Building	2.2515e+006	570.2525	0.0225	5.1100e-003	572.3072
Government (Civic Center)	3.05047e+007	7,726.1234	0.3044	0.0692	7,753.9628
Single Family Housing	7.01456e+007	17,766.2511	0.7000	0.1591	17,830.2679
Strip Mall	5.81116e+006	1,471.8316	0.0580	0.0132	1,477.1350
Total		**32,221.5381**	**1.2695**	**0.2885**	**32,337.6413**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.41234e+007	3,577.1256	0.1409	0.0320	3,590.0150
General Light Industry	4.00538e+006	1,014.4706	0.0400	9.0800e-003	1,018.1260
General Office Building	2.02416e+006	512.6741	0.0202	4.5900e-003	514.5214
Government (Civic Center)	2.74246e+007	6,946.0169	0.2737	0.0622	6,971.0453
Single Family Housing	6.90308e+007	17,483.9198	0.6889	0.1566	17,546.9193
Strip Mall	5.38288e+006	1,363.3585	0.0537	0.0122	1,368.2710
Total		**30,897.5654**	**1.2174**	**0.2767**	**31,008.8980**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	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	tons/yr										MT/yr					
Mitigated	1,452.7344	19.1372	1,732.7788	0.6424		229.6750	229.6750		229.6682	229.6682	21,792.3087	9,306.6751	31,098.9838	20.2700	1.7141	32,056.0346
Unmitigated	1,452.7344	19.1372	1,732.7788	0.6424		229.6750	229.6750		229.6682	229.6682	21,792.3087	9,306.6751	31,098.9838	20.2700	1.7141	32,056.0346

6.2 Area by SubCategory

Unmitigated

	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
SubCategory	tons/yr										MT/yr					
Architectural Coating	29.3407					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	96.5842					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1,323.7564	17.9598	1,630.7258	0.6370		229.1071	229.1071		229.1004	229.1004	21,792.3087	9,139.3764	30,931.6851	20.1107	1.7141	31,885.3896
Landscaping	3.0531	1.1773	102.0530	5.4100e-003		0.5679	0.5679		0.5679	0.5679	0.0000	167.2987	167.2987	0.1594	0.0000	170.6450
Total	**1,452.7344**	**19.1372**	**1,732.7788**	**0.6424**		**229.6750**	**229.6750**		**229.6682**	**229.6682**	**21,792.3087**	**9,306.6751**	**31,098.9838**	**20.2700**	**1.7141**	**32,056.0346**

Mitigated

	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
SubCategory	tons/yr										MT/yr					
Architectural Coating	29.3407					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	96.5842					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1,323.7564	17.9598	1,630.7258	0.6370		229.1071	229.1071		229.1004	229.1004	21,792.3087	9,139.3764	30,931.6851	20.1107	1.7141	31,885.3896
Landscaping	3.0531	1.1773	102.0530	5.4100e-003		0.5679	0.5679		0.5679	0.5679	0.0000	167.2987	167.2987	0.1594	0.0000	170.6450
Total	**1,452.7344**	**19.1372**	**1,732.7788**	**0.6424**		**229.6750**	**229.6750**		**229.6682**	**229.6682**	**21,792.3087**	**9,306.6751**	**31,098.9838**	**20.2700**	**1.7141**	**32,056.0346**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	8,983.8066	52.9684	1.3187	10,504.9312
Unmitigated	10,628.6001	66.1868	1.6430	12,527.8397

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	786.409 / 495.78	4,238.0820	25.7823	0.6408	4,978.1525
General Light Industry	128.136 / 0	463.2324	4.1920	0.1024	582.9986
General Office Building	23.9941 / 14.706	128.1241	0.7866	0.0195	150.7000
Government (Civic Center)	397.518 / 243.64	2,122.6767	13.0318	0.3237	2,496.7005
Single Family Housing	588.145 / 370.787	3,169.6078	19.2823	0.4792	3,723.0971
Strip Mall	94.9239 / 58.1792	506.8772	3.1119	0.0773	596.1909
Total		**10,628.6002**	**66.1868**	**1.6430**	**12,527.8397**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	629.127 / 495.78	3,597.4680	20.6340	0.5145	4,190.2702
General Light Industry	102.509 / 0	358.8523	3.3531	0.0818	454.6230
General Office Building	19.1952 / 14.706	108.5783	0.6295	0.0157	126.6610
Government (Civic Center)	318.014 / 243.64	1,798.8558	10.4294	0.2599	2,098.4378
Single Family Housing	470.516 / 370.787	2,690.5007	15.4319	0.3848	3,133.8500
Strip Mall	75.9391 / 58.1792	429.5515	2.4905	0.0621	501.0892

Total		**8,983.8066**	**52.9684**	**1.3187**	**10,504.9312**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	6,029.0508	356.3067	0.0000	13,511.4915
Unmitigated	6,029.0508	356.3067	0.0000	13,511.4915

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	5552.2	1,127.0464	66.6065	0.0000	2,525.7837
General Light Industry	687.08	139.4710	8.2425	0.0000	312.5636
General Office Building	125.55	25.4855	1.5062	0.0000	57.1147
Government (Civic Center)	11405.7	2,315.2540	136.8276	0.0000	5,188.6335
Single Family Housing	10585	2,148.6533	126.9818	0.0000	4,815.2704

Strip Mall	1345.58	273.1406	16.1422	0.0000	612.1256
Total		**6,029.0508**	**356.3067**	**0.0000**	**13,511.4915**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	5552.2	1,127.0464	66.6065	0.0000	2,525.7837
General Light Industry	687.08	139.4710	8.2425	0.0000	312.5636
General Office Building	125.55	25.4855	1.5062	0.0000	57.1147
Government (Civic Center)	11405.7	2,315.2540	136.8276	0.0000	5,188.6335
Single Family Housing	10585	2,148.6533	126.9818	0.0000	4,815.2704
Strip Mall	1345.58	273.1406	16.1422	0.0000	612.1256
Total		**6,029.0508**	**356.3067**	**0.0000**	**13,511.4915**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

ATTACHMENT 6

CalEEMod Output – Operational Emissions for the Encanto Neighborhoods CPU Land Uses

THIS PAGE IS INTENTIONALLY BLANK.

Encanto CPU Update 2035 Buildout

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	135.00	1000sqft	3.10	135,000.00	0
Government (Civic Center)	2,001.00	1000sqft	45.94	2,001,000.00	0
General Light Industry	554.10	1000sqft	12.72	554,100.00	0
Apartments Low Rise	12,070.00	Dwelling Unit	754.38	12,070,000.00	34520
Single Family Housing	9,027.00	Dwelling Unit	2,930.84	16,248,600.00	25817
Strip Mall	1,281.50	1000sqft	29.42	1,281,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2035
Utility Company	User Defined				
CO2 Intensity (lb/MWhr)	558.38	**CH4 Intensity (lb/MWhr)**	0.022	**N2O Intensity (lb/MWhr)**	0.005

1.3 User Entered Comments & Non-Default Data

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150

tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblConstructionPhase	NumDays	11,000.00	10.00
tblConstructionPhase	NumDays	155,000.00	10.00
tblConstructionPhase	NumDays	10,000.00	10.00
tblConstructionPhase	NumDays	15,500.00	10.00
tblConstructionPhase	NumDays	11,000.00	10.00
tblConstructionPhase	NumDays	6,000.00	10.00
tblProjectCharacteristics	CH4IntensityFactor	0	0.022
tblProjectCharacteristics	CO2IntensityFactor	0	558.38
tblProjectCharacteristics	N2OIntensityFactor	0	0.005
tblProjectCharacteristics	OperationalYear	2014	2035

2.0 Emissions Summary

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	tons/yr										MT/yr					
Area	1,502.9774	19.7611	1,786.8591	0.6452		229.9759	229.9759		229.9692	229.9692	21,792.3087	9,395.3286	31,187.6372	20.3545	1.7141	32,146.4609
Energy	2.3411	20.1659	9.6862	0.1277		1.6175	1.6175		1.6175	1.6175	0.0000	64,487.3892	64,487.3892	2.0720	0.7948	64,777.2737
Mobile	92.7914	161.1135	907.2001	3.5289	240.8391	3.9325	244.7717	64.4022	3.6328	68.0350	0.0000	223,017.9421	223,017.9421	6.7145	0.0000	223,158.9457
Waste						0.0000	0.0000		0.0000	0.0000	6,029.0508	0.0000	6,029.0508	356.3067	0.0000	13,511.4915
Water						0.0000	0.0000		0.0000	0.0000	640.5756	9,988.0246	10,628.6001	66.1868	1.6430	12,527.8397

Total	**1,598.1099**	**201.0404**	**2,703.7454**	**4.3018**	**240.8391**	**235.5259**	**476.3651**	**64.4022**	**235.2194**	**299.6217**	**28,461.9351**	**306,888.6844**	**335,350.6194**	**451.6344**	**4.1518**	**346,122.0114**

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	tons/yr										MT/yr					
Area	1,483.8771	19.7611	1,786.8591	0.6452		229.9759	229.9759		229.9692	229.9692	21,792.3087	9,395.3286	31,187.6372	20.3545	1.7141	32,146.4609
Energy	1.8576	16.0027	7.6985	0.1013		1.2834	1.2834		1.2834	1.2834	0.0000	58,083.2269	58,083.2269	1.9165	0.6925	58,338.1560
Mobile	82.7065	120.1745	712.4173	2.4089	161.7591	2.8174	164.5765	43.2556	2.6033	45.8589	0.0000	152,205.8514	152,205.8514	4.7097	0.0000	152,304.7558
Waste						0.0000	0.0000		0.0000	0.0000	6,029.0508	0.0000	6,029.0508	356.3067	0.0000	13,511.4915
Water						0.0000	0.0000		0.0000	0.0000	512.4605	8,471.3462	8,983.8066	52.9684	1.3187	10,504.9312
Total	**1,568.4412**	**155.9383**	**2,506.9749**	**3.1555**	**161.7591**	**234.0768**	**395.8359**	**43.2556**	**233.8559**	**277.1115**	**28,333.8200**	**228,155.7530**	**256,489.5730**	**436.2558**	**3.7253**	**266,805.7954**

	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	**1.86**	**22.43**	**7.28**	**26.65**	**32.84**	**0.62**	**16.90**	**32.84**	**0.58**	**7.51**	**0.45**	**25.66**	**23.52**	**3.41**	**10.27**	**22.92**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Diversity

Increase Transit Accessibility

	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	tons/yr										MT/yr					
Mitigated	82.7065	120.1745	712.4173	2.4089	161.7591	2.8174	164.5765	43.2556	2.6033	45.8589	0.0000	152,205.8514	152,205.8514	4.7097	0.0000	152,304.7558
Unmitigated	92.7914	161.1135	907.2001	3.5289	240.8391	3.9325	244.7717	64.4022	3.6328	68.0350	0.0000	223,017.9421	223,017.9421	6.7145	0.0000	223,158.9457

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	79,541.30	86,421.20	73264.90	227,360,709	152,706,345
General Light Industry	3,862.08	731.41	376.79	8,516,041	5,719,781
General Office Building	1,486.35	319.95	132.30	2,691,544	1,807,770
Government (Civic Center)	55,867.92	0.00	0.00	76,285,131	51,236,749
Single Family Housing	86,388.39	90,992.16	79166.79	245,597,246	164,954,877
Strip Mall	56,796.08	53,874.26	26181.05	80,089,573	53,791,994
Total	283,942.12	232,338.98	179,121.82	640,540,245	430,217,516

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Government (Civic Center)	9.50	7.30	7.30	75.00	20.00	5.00	50	34	16
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.511887	0.074493	0.190892	0.129437	0.036275	0.005211	0.012579	0.024993	0.001957	0.001971	0.006467	0.000450	0.003389

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	39,699.3533	39,699.3533	1.5641	0.3555	39,842.4012
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	41,318.3581	41,318.3581	1.6279	0.3700	41,467.2397
NaturalGas Mitigated	1.8576	16.0027	7.6985	0.1013		1.2834	1.2834		1.2834	1.2834	0.0000	18,383.8736	18,383.8736	0.3524	0.3370	18,495.7548
NaturalGas Unmitigated	2.3411	20.1659	9.6862	0.1277		1.6175	1.6175		1.6175	1.6175	0.0000	23,169.0311	23,169.0311	0.4441	0.4248	23,310.0340

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	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
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	2.83905e+006	0.0153	0.1392	0.1169	8.4000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	151.5025	151.5025	2.9000e-003	2.7800e-003	152.4245
Government (Civic Center)	4.2081e+007	0.2269	2.0628	1.7328	0.0124		0.1568	0.1568		0.1568	0.1568	0.0000	2,245.6040	2,245.6040	0.0430	0.0412	2,259.2704
Single Family Housing	2.49628e+008	1.3460	11.5025	4.8947	0.0734		0.9300	0.9300		0.9300	0.9300	0.0000	13,321.1036	13,321.1036	0.2553	0.2442	13,402.1736
Strip Mall	2.93464e+006	0.0158	0.1439	0.1208	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.6033	156.6033	3.0000e-003	2.8700e-003	157.5564
Apartments Low Rise	1.30156e+008	0.7018	5.9974	2.5521	0.0383		0.4849	0.4849		0.4849	0.4849	0.0000	6,945.6005	6,945.6005	0.1331	0.1273	6,987.8703

General Light Industry	6.53284e+006	0.0352	0.3202	0.2690	1.9200e-003		0.0243	0.0243		0.0243	0.0243	0.0000	348.6172	348.6172	6.6800e-003	6.3900e-003	350.7388
Total		**2.3411**	**20.1659**	**9.6862**	**0.1277**		**1.6175**	**1.6175**		**1.6175**	**1.6175**	**0.0000**	**23,169.0311**	**23,169.0311**	**0.4441**	**0.4248**	**23,310.0340**

Mitigated

	NaturalGas Use	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
Land Use	kBTU/yr	tons/yr										MT/yr					
Government (Civic Center)	3.3123e+007	0.1786	1.6237	1.3639	9.7400e-003		0.1234	0.1234		0.1234	0.1234	0.0000	1,767.5691	1,767.5691	0.0339	0.0324	1,778.3262
Single Family Housing	1.97199e+008	1.0633	9.0866	3.8667	0.0580		0.7347	0.7347		0.7347	0.7347	0.0000	10,523.3147	10,523.3147	0.2017	0.1929	10,587.3578
Strip Mall	2.52558e+006	0.0136	0.1238	0.1040	7.4000e-004		9.4100e-003	9.4100e-003		9.4100e-003	9.4100e-003	0.0000	134.7746	134.7746	2.5800e-003	2.4700e-003	135.5948
Apartments Low Rise	1.03554e+008	0.5584	4.7716	2.0305	0.0305		0.3858	0.3858		0.3858	0.3858	0.0000	5,526.0554	5,526.0554	0.1059	0.1013	5,559.6860
General Light Industry	5.86369e+006	0.0316	0.2874	0.2415	1.7200e-003		0.0219	0.0219		0.0219	0.0219	0.0000	312.9086	312.9086	6.0000e-003	5.7400e-003	314.8129
General Office Building	2.23468e+006	0.0121	0.1095	0.0920	6.6000e-004		8.3300e-003	8.3300e-003		8.3300e-003	8.3300e-003	0.0000	119.2513	119.2513	2.2900e-003	2.1900e-003	119.9770
Total		**1.8576**	**16.0027**	**7.6985**	**0.1013**		**1.2834**	**1.2834**		**1.2834**	**1.2834**	**0.0000**	**18,383.8736**	**18,383.8736**	**0.3524**	**0.3371**	**18,495.7548**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	4.38265e+007	11,100.2485	0.4374	0.0994	11,140.2458
General Light Industry	4.9869e+006	1,263.0666	0.0498	0.0113	1,267.6178

General Office Building	2.02365e+006	512.5438	0.0202	4.5900e-003	514.3907
Government (Civic Center)	2.9995e+007	7,597.0383	0.2993	0.0680	7,624.4126
Single Family Housing	6.43108e+007	16,288.4368	0.6418	0.1459	16,347.1286
Strip Mall	1.79923e+007	4,557.0240	0.1796	0.0408	4,573.4442
Total		**41,318.3580**	**1.6279**	**0.3700**	**41,467.2397**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	4.32334e+007	10,950.0143	0.4314	0.0981	10,989.4703
General Light Industry	4.76876e+006	1,207.8173	0.0476	0.0108	1,212.1694
General Office Building	1.81932e+006	460.7923	0.0182	4.1300e-003	462.4526
Government (Civic Center)	2.69664e+007	6,829.9655	0.2691	0.0612	6,854.5758
Single Family Housing	6.32888e+007	16,029.5901	0.6316	0.1435	16,087.3492
Strip Mall	1.66662e+007	4,221.1739	0.1663	0.0378	4,236.3840
Total		**39,699.3533**	**1.5642**	**0.3555**	**39,842.4012**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	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	tons/yr										MT/yr					
Mitigated	1,483.8771	19.7611	1,786.8591	0.6452		229.9759	229.9759		229.9692	229.9692	21,792.3087	9,395.3286	31,187.6372	20.3545	1.7141	32,146.4609
Unmitigated	1,502.9774	19.7611	1,786.8591	0.6452		229.9759	229.9759		229.9692	229.9692	21,792.3087	9,395.3286	31,187.6372	20.3545	1.7141	32,146.4609

6.2 Area by SubCategory

Unmitigated

	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
SubCategory	tons/yr										MT/yr					
Architectural Coating	48.4410					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	126.1094					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1,323.7564	17.9598	1,630.7258	0.6370		229.1071	229.1071		229.1004	229.1004	21,792.3087	9,139.3764	30,931.6851	20.1107	1.7141	31,885.3896
Landscaping	4.6706	1.8012	156.1333	8.2700e-003		0.8688	0.8688		0.8688	0.8688	0.0000	255.9521	255.9521	0.2438	0.0000	261.0712
Total	**1,502.9774**	**19.7611**	**1,786.8591**	**0.6452**		**229.9759**	**229.9759**		**229.9692**	**229.9692**	**21,792.3087**	**9,395.3286**	**31,187.6372**	**20.3545**	**1.7141**	**32,146.4609**

Mitigated

	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
SubCategory	tons/yr										MT/yr					
Architectural Coating	29.3407					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	126.1094					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1,323.7564	17.9598	1,630.7258	0.6370		229.1071	229.1071		229.1004	229.1004	21,792.3087	9,139.3764	30,931.6851	20.1107	1.7141	31,885.3896
Landscaping	4.6706	1.8012	156.1333	8.2700e-003		0.8688	0.8688		0.8688	0.8688	0.0000	255.9521	255.9521	0.2438	0.0000	261.0712
Total	**1,483.8771**	**19.7611**	**1,786.8591**	**0.6452**		**229.9759**	**229.9759**		**229.9692**	**229.9692**	**21,792.3087**	**9,395.3286**	**31,187.6372**	**20.3545**	**1.7141**	**32,146.4609**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	8,983.8066	52.9684	1.3187	10,504.9312
Unmitigated	10,628.6001	66.1868	1.6430	12,527.8397

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e

Land Use	Mgal	MT/yr			
Apartments Low Rise	786.409 / 495.78	4,238.0820	25.7823	0.6408	4,978.1525
General Light Industry	128.136 / 0	463.2324	4.1920	0.1024	582.9986
General Office Building	23.9941 / 14.706	128.1241	0.7866	0.0195	150.7000
Government (Civic Center)	397.518 / 243.64	2,122.6767	13.0318	0.3237	2,496.7005
Single Family Housing	588.145 / 370.787	3,169.6078	19.2823	0.4792	3,723.0971
Strip Mall	94.9239 / 58.1792	506.8772	3.1119	0.0773	596.1909
Total		**10,628.6002**	**66.1868**	**1.6430**	**12,527.8397**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	629.127 / 495.78	3,597.4680	20.6340	0.5145	4,190.2702
General Light Industry	102.509 / 0	358.8523	3.3531	0.0818	454.6230
General Office Building	19.1952 / 14.706	108.5783	0.6295	0.0157	126.6610
Government (Civic Center)	318.014 / 243.64	1,798.8558	10.4294	0.2599	2,098.4378
Single Family Housing	470.516 / 370.787	2,690.5007	15.4319	0.3848	3,133.8500
Strip Mall	75.9391 / 58.1792	429.5515	2.4905	0.0621	501.0892
Total		**8,983.8066**	**52.9684**	**1.3187**	**10,504.9312**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	6,029.0508	356.3067	0.0000	13,511.4915
Unmitigated	6,029.0508	356.3067	0.0000	13,511.4915

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	5552.2	1,127.0464	66.6065	0.0000	2,525.7837
General Light Industry	687.08	139.4710	8.2425	0.0000	312.5636
General Office Building	125.55	25.4855	1.5062	0.0000	57.1147
Government (Civic Center)	11405.7	2,315.2540	136.8276	0.0000	5,188.6335
Single Family Housing	10585	2,148.6533	126.9818	0.0000	4,815.2704
Strip Mall	1345.58	273.1406	16.1422	0.0000	612.1256
Total		**6,029.0508**	**356.3067**	**0.0000**	**13,511.4915**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	5552.2	1,127.0464	66.6065	0.0000	2,525.7837
General Light Industry	687.08	139.4710	8.2425	0.0000	312.5636
General Office Building	125.55	25.4855	1.5062	0.0000	57.1147
Government (Civic Center)	11405.7	2,315.2540	136.8276	0.0000	5,188.6335
Single Family Housing	10585	2,148.6533	126.9818	0.0000	4,815.2704
Strip Mall	1345.58	273.1406	16.1422	0.0000	612.1256
Total		**6,029.0508**	**356.3067**	**0.0000**	**13,511.4915**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

ATTACHMENT 7

CALINE4 Output – CO Concentrations for the Southeastern San Diego CPU

THIS PAGE IS INTENTIONALLY BLANK.

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: SESD & Encanto
RUN: Int_43_AM
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	0.5 M/S	Z0=	400. CM	ALT=	0. (M)
BRG=	0.5 DEGREES	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	3.0 PPM		
SIGTH=	5. DEGREES	TEMP=	13.6 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Link_1	*****	*****	*****	*****	AG	123	6.5	0.0	15.0
B. Link_2	*****	*****	*****	*****	AG	123	6.5	0.0	15.0
C. Link_3	*****	*****	*****	*****	AG	660	6.5	0.0	12.0
D. Link_4	*****	*****	*****	*****	AG	660	6.5	0.0	12.0
E. Link_5	*****	*****	*****	*****	AG	660	6.5	0.0	12.0
F. Link_6	*****	*****	*****	*****	AG	660	6.5	0.0	12.0
G. Link_7	*****	*****	*****	*****	AG	660	6.5	0.0	12.0
H. Link_8	*****	*****	*****	*****	AG	660	6.5	0.0	12.0
I. Link_9	*****	*****	*****	*****	AG	822	5.0	0.0	15.0
J. Link_10	*****	*****	*****	*****	AG	822	5.0	0.0	15.0
K. Link_11	*****	*****	*****	*****	AG	813	6.5	0.0	15.0
L. Link_12	*****	*****	*****	*****	AG	558	5.0	0.0	15.0
M. Link_13	*****	*****	*****	*****	AG	304	6.5	0.0	15.0
N. Link_14	*****	*****	*****	*****	AG	287	5.0	0.0	15.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SWC	489457	******	1.8
2. NWC	489467	******	1.8
3. NEC	489481	******	1.8
4. SEC	489479	******	1.8

1

JOB: SESD & Encanto
RUN: Int_43_AM
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. SWC	3.4	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
2. NWC	3.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
3. NEC	3.9	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.0
4. SEC	3.9	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.0	0.0

RECEPTOR	CONC/LINK (PPM) K	L	M	N
1. SWC	0.0	0.1	0.1	0.0
2. NWC	0.0	0.0	0.0	0.0
3. NEC	0.0	0.0	0.0	0.0
4. SEC	0.2	0.0	0.0	0.1

1
EXIT

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: SESD & Encanto
RUN: Int_43_PM
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	0.5 M/S	Z0=	400. CM	ALT=	0. (M)
BRG=	0.5 DEGREES	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	3.0 PPM		
SIGTH=	5. DEGREES	TEMP=	13.6 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Link_1	*****	*****	*****	*****	AG	222	6.5	0.0	15.0
B. Link_2	*****	*****	*****	*****	AG	222	6.5	0.0	15.0
C. Link_3	*****	*****	*****	*****	AG	903	6.5	0.0	12.0
D. Link_4	*****	*****	*****	*****	AG	903	6.5	0.0	12.0
E. Link_5	*****	*****	*****	*****	AG	903	6.5	0.0	12.0
F. Link_6	*****	*****	*****	*****	AG	903	6.5	0.0	12.0
G. Link_7	*****	*****	*****	*****	AG	903	6.5	0.0	12.0
H. Link_8	*****	*****	*****	*****	AG	903	6.5	0.0	12.0
I. Link_9	*****	*****	*****	*****	AG	461	5.0	0.0	15.0
J. Link_10	*****	*****	*****	*****	AG	461	5.0	0.0	15.0
K. Link_11	*****	*****	*****	*****	AG	471	6.5	0.0	15.0
L. Link_12	*****	*****	*****	*****	AG	426	5.0	0.0	15.0
M. Link_13	*****	*****	*****	*****	AG	812	6.5	0.0	15.0
N. Link_14	*****	*****	*****	*****	AG	1520	5.0	0.0	15.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SWC	489457	******	1.8
2. NWC	489467	******	1.8
3. NEC	489481	******	1.8
4. SEC	489479	******	1.8

1

JOB: SESD & Encanto
RUN: Int_43_PM
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. SWC	3.6	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
2. NWC	3.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
3. NEC	4.1	0.0	0.0	0.0	0.0	0.3	0.3	0.5	0.0	0.0	0.0
4. SEC	4.5	0.0	0.1	0.0	0.1	0.2	0.1	0.2	0.1	0.0	0.0

RECEPTOR	CONC/LINK (PPM) K	L	M	N
1. SWC	0.0	0.1	0.3	0.0
2. NWC	0.0	0.0	0.0	0.0
3. NEC	0.0	0.0	0.0	0.0
4. SEC	0.1	0.0	0.0	0.5

1
EXIT

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: SESD & Encanto
RUN: Int_49_AM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	0.5 M/S	Z0=	400. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	3.0 PPM		
SIGTH=	5. DEGREES	TEMP=	13.6 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Link_1	*****	*****	*****	*****	AG	427	6.5	0.0	15.0
B. Link_2	*****	*****	*****	*****	AG	427	6.5	0.0	15.0
C. Link_3	*****	*****	*****	*****	AG	374	5.0	0.0	11.5
D. Link_4	*****	*****	*****	*****	AG	374	5.0	0.0	11.5
E. Link_5	*****	*****	*****	*****	AG	374	5.0	0.0	11.5
F. Link_6	*****	*****	*****	*****	AG	374	5.0	0.0	11.5
G. Link_7	*****	*****	*****	*****	AG	374	5.0	0.0	11.5
H. Link_8	*****	*****	*****	*****	AG	374	5.0	0.0	11.5
I. Link_9	*****	*****	*****	*****	AG	374	5.0	0.0	11.5
J. Link_10	*****	*****	*****	*****	AG	374	5.0	0.0	11.5
K. Link_11	*****	*****	*****	*****	AG	374	5.0	0.0	11.5
L. Link_12	*****	*****	*****	*****	AG	180	6.5	0.0	14.0
M. Link_13	*****	*****	*****	*****	AG	180	6.5	0.0	14.0
N. Link_14	*****	*****	*****	*****	AG	180	6.5	0.0	14.0
O. Link_15	*****	*****	*****	*****	AG	180	6.5	0.0	14.0
P. Link_16	*****	*****	*****	*****	AG	180	6.5	0.0	14.0
Q. Link_17	*****	*****	*****	*****	AG	180	6.5	0.0	14.0
R. Link_18	*****	*****	*****	*****	AG	180	6.5	0.0	14.0
S. Link_19	*****	*****	*****	*****	AG	185	5.0	0.0	12.0
T. Link_20	*****	*****	*****	*****	AG	185	5.0	0.0	12.0
U. Link_21	*****	*****	*****	*****	AG	185	5.0	0.0	12.0
V. Link_22	*****	*****	*****	*****	AG	185	5.0	0.0	12.0
W. Link_23	*****	*****	*****	*****	AG	185	5.0	0.0	12.0
X. Link_24	*****	*****	*****	*****	AG	171	6.5	0.0	11.5
Y. Link_25	*****	*****	*****	*****	AG	171	6.5	0.0	11.5
Z. Link_26	*****	*****	*****	*****	AG	171	6.5	0.0	11.5
a. Link_27	*****	*****	*****	*****	AG	171	6.5	0.0	11.5
b. Link_28	*****	*****	*****	*****	AG	171	6.5	0.0	11.5
c. Link_29	*****	*****	*****	*****	AG	374	5.0	0.0	15.0

1

JOB: SESD & Encanto
RUN: Int_49_AM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. NWC	489874	******	1.8
2. NEC	489885	******	1.8
3. SEC	489913	******	1.8
4. SWC	489894	******	1.8
5. Nearest	489903	******	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. NWC	86.	3.8	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
2. NEC	98.	3.7	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0
3. SEC	309.	3.6	0.0	0.2	0.1	0.0	0.0	0.1	0.0	0.0
4. SWC	330.	3.5	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
5. Nearest	327.	3.5	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0

RECEPTOR	CONC/LINK I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c
1. NWC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
2. NEC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
3. SEC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
4. SWC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
5. Nearest	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

1
EXIT

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: SESD & Encanto
RUN: Int_49_PM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	0.5 M/S	Z0=	400. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	3.0 PPM		
SIGTH=	5. DEGREES	TEMP=	13.6 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Link_1	*****	*****	*****	*****	AG	394	6.5	0.0	15.0
B. Link_2	*****	*****	*****	*****	AG	394	6.5	0.0	15.0
C. Link_3	*****	*****	*****	*****	AG	452	5.0	0.0	11.5
D. Link_4	*****	*****	*****	*****	AG	452	5.0	0.0	11.5
E. Link_5	*****	*****	*****	*****	AG	452	5.0	0.0	11.5
F. Link_6	*****	*****	*****	*****	AG	452	5.0	0.0	11.5
G. Link_7	*****	*****	*****	*****	AG	452	5.0	0.0	11.5
H. Link_8	*****	*****	*****	*****	AG	452	5.0	0.0	11.5
I. Link_9	*****	*****	*****	*****	AG	452	5.0	0.0	11.5
J. Link_10	*****	*****	*****	*****	AG	452	5.0	0.0	11.5
K. Link_11	*****	*****	*****	*****	AG	452	5.0	0.0	11.5
L. Link_12	*****	*****	*****	*****	AG	443	6.5	0.0	14.0
M. Link_13	*****	*****	*****	*****	AG	443	6.5	0.0	14.0
N. Link_14	*****	*****	*****	*****	AG	443	6.5	0.0	14.0
O. Link_15	*****	*****	*****	*****	AG	443	6.5	0.0	14.0
P. Link_16	*****	*****	*****	*****	AG	443	6.5	0.0	14.0
Q. Link_17	*****	*****	*****	*****	AG	443	6.5	0.0	14.0
R. Link_18	*****	*****	*****	*****	AG	443	6.5	0.0	14.0
S. Link_19	*****	*****	*****	*****	AG	267	5.0	0.0	12.0
T. Link_20	*****	*****	*****	*****	AG	267	5.0	0.0	12.0
U. Link_21	*****	*****	*****	*****	AG	267	5.0	0.0	12.0
V. Link_22	*****	*****	*****	*****	AG	267	5.0	0.0	12.0
W. Link_23	*****	*****	*****	*****	AG	267	5.0	0.0	12.0
X. Link_24	*****	*****	*****	*****	AG	145	6.5	0.0	11.5
Y. Link_25	*****	*****	*****	*****	AG	145	6.5	0.0	11.5
Z. Link_26	*****	*****	*****	*****	AG	145	6.5	0.0	11.5
a. Link_27	*****	*****	*****	*****	AG	145	6.5	0.0	11.5
b. Link_28	*****	*****	*****	*****	AG	145	6.5	0.0	11.5
c. Link_29	*****	*****	*****	*****	AG	263	5.0	0.0	15.0

1

JOB: SESD & Encanto
RUN: Int_49_PM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. NWC	489874	******	1.8
2. NEC	489885	******	1.8
3. SEC	489913	******	1.8
4. SWC	489894	******	1.8
5. Nearest	489903	******	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. NWC	85.	3.8	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
2. NEC	309.	3.7	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
3. SEC	309.	3.8	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0
4. SWC	329.	3.8	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
5. Nearest	326.	3.7	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0

RECEPTOR	CONC/LINK I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c
1. NWC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
2. NEC	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. SEC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	
4. SWC	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
5. Nearest	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

1
EXIT

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: SESD & Encanto
RUN: Int_63_AM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	0.5 M/S	Z0=	400. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	3.0 PPM		
SIGTH=	5. DEGREES	TEMP=	13.6 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Link_1	*	*****	*****	*****	*****	* AG	610	6.5	0.0	15.0
B. Link_2	*	*****	*****	*****	*****	* AG	820	5.0	0.0	15.0
C. Link_3	*	*****	*****	*****	*****	* AG	1020	6.5	0.0	15.0
D. Link_4	*	*****	*****	*****	*****	* AG	980	5.0	0.0	15.0
E. Link_5	*	*****	*****	*****	*****	* AG	540	6.5	0.0	12.0
F. Link_6	*	*****	*****	*****	*****	* AG	540	6.5	0.0	12.0
G. Link_7	*	*****	*****	*****	*****	* AG	370	5.0	0.0	12.0
H. Link_8	*	*****	*****	*****	*****	* AG	370	5.0	0.0	12.0
I. Link_9	*	*****	*****	*****	*****	* AG	370	5.0	0.0	12.0
J. Link_10	*	*****	*****	*****	*****	* AG	370	5.0	0.0	12.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SWC	*	490464	******	1.8
2. NWC	*	490438	******	1.8
3. NEC	*	490464	******	1.8
4. SEC	*	490487	******	1.8

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: SESD & Encanto
RUN: Int_63_AM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SWC	279.	4.3	0.0	0.2	1.0	0.0	0.0	0.0	0.0	0.0
2. NWC	99.	4.1	0.4	0.3	0.0	0.3	0.0	0.2	0.0	0.0
3. NEC	263.	4.4	0.0	0.8	0.4	0.0	0.0	0.2	0.0	0.0
4. SEC	278.	4.4	0.0	0.2	0.9	0.2	0.0	0.0	0.1	0.0

RECEPTOR	CONC/LINK I	J
1. SWC	0.0	0.0
2. NWC	0.0	0.0
3. NEC	0.0	0.0
4. SEC	0.0	0.0

1
EXIT

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: SESD & Encanto
RUN: Int_63_PM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	0.5 M/S	Z0=	400. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	3.0 PPM		
SIGTH=	5. DEGREES	TEMP=	13.6 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Link_1	*	*****	*****	*****	*****	* AG	650	6.5	0.0	15.0
B. Link_2	*	*****	*****	*****	*****	* AG	1370	5.0	0.0	15.0
C. Link_3	*	*****	*****	*****	*****	* AG	800	6.5	0.0	15.0
D. Link_4	*	*****	*****	*****	*****	* AG	970	5.0	0.0	15.0
E. Link_5	*	*****	*****	*****	*****	* AG	1270	6.5	0.0	12.0
F. Link_6	*	*****	*****	*****	*****	* AG	1270	6.5	0.0	12.0
G. Link_7	*	*****	*****	*****	*****	* AG	380	5.0	0.0	12.0
H. Link_8	*	*****	*****	*****	*****	* AG	380	5.0	0.0	12.0
I. Link_9	*	*****	*****	*****	*****	* AG	380	5.0	0.0	12.0
J. Link_10	*	*****	*****	*****	*****	* AG	380	5.0	0.0	12.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SWC	*	490464	******	1.8
2. NWC	*	490438	******	1.8
3. NEC	*	490464	******	1.8
4. SEC	*	490487	******	1.8

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: SESD & Encanto
RUN: Int_63_PM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SWC	337.	4.5	0.0	0.3	0.3	0.0	0.1	0.9	0.0	0.0
2. NWC	99.	4.5	0.4	0.4	0.0	0.3	0.0	0.4	0.0	0.0
3. NEC	264.	5.1	0.0	1.3	0.3	0.0	0.0	0.5	0.0	0.0
4. SEC	279.	4.4	0.0	0.4	0.7	0.2	0.0	0.0	0.1	0.0

RECEPTOR	CONC/LINK I	J
1. SWC	0.0	0.0
2. NWC	0.0	0.0
3. NEC	0.0	0.0
4. SEC	0.0	0.0

1
EXIT

ATTACHMENT 8

CALINE4 Output – CO Concentrations for the Encanto Neighborhoods CPU

THIS PAGE IS INTENTIONALLY BLANK.

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: SESD & Encanto
RUN: Int_59_AM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	0.5 M/S	Z0=	400. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	3.0 PPM		
SIGTH=	5. DEGREES	TEMP=	13.6 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Link_1	*****	*****	*****	*****	AG	690	6.5	0.0	15.0
B. Link_2	*****	*****	*****	*****	AG	850	5.0	0.0	15.0
C. Link_3	*****	*****	*****	*****	AG	850	5.0	0.0	15.0
D. Link_4	*****	*****	*****	*****	AG	780	6.5	0.0	15.0
E. Link_5	*****	*****	*****	*****	AG	730	5.0	0.0	15.0
F. Link_6	*****	*****	*****	*****	AG	775	6.5	0.0	15.0
G. Link_7	*****	*****	*****	*****	AG	775	6.5	0.0	15.0
H. Link_8	*****	*****	*****	*****	AG	775	6.5	0.0	15.0
I. Link_9	*****	*****	*****	*****	AG	775	6.5	0.0	15.0
J. Link_10	*****	*****	*****	*****	AG	775	6.5	0.0	15.0
K. Link_11	*****	*****	*****	*****	AG	905	5.0	0.0	15.0
L. Link_12	*****	*****	*****	*****	AG	675	6.5	0.0	15.0
M. Link_13	*****	*****	*****	*****	AG	435	5.0	0.0	15.0
N. Link_14	*****	*****	*****	*****	AG	435	5.0	0.0	15.0
O. Link_15	*****	*****	*****	*****	AG	435	5.0	0.0	15.0
P. Link_16	*****	*****	*****	*****	AG	435	5.0	0.0	15.0
Q. Link_17	*****	*****	*****	*****	AG	435	5.0	0.0	15.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SWC	491211	******	1.8
2. NWC	491212	******	1.8
3. NEC	491243	******	1.8
4. SEC	491239	******	1.8

1

JOB: SESD & Encanto
RUN: Int_59_AM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SWC	10.	4.4	0.0	0.0	0.2	0.7	0.1	0.0	0.0	0.0
2. NWC	115.	4.4	0.0	0.2	0.0	0.3	0.0	0.1	0.1	0.1
3. NEC	261.	4.4	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0
4. SEC	280.	4.3	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0

RECEPTOR	CONC/LINK I	J	K	L	M	N	O	P	Q
1. SWC	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0
2. NWC	0.2	0.2	0.1	0.0	0.1	0.1	0.0	0.0	0.0
3. NEC	0.0	0.1	0.5	0.3	0.0	0.0	0.0	0.0	0.0
4. SEC	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0

1
EXIT

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: SESD & Encanto
RUN: Int_59_PM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	0.5 M/S	Z0=	400. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	3.0 PPM		
SIGTH=	5. DEGREES	TEMP=	13.6 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Link_1	*****	*****	*****	*****	AG	695	6.5	0.0	15.0
B. Link_2	*****	*****	*****	*****	AG	820	5.0	0.0	15.0
C. Link_3	*****	*****	*****	*****	AG	820	5.0	0.0	15.0
D. Link_4	*****	*****	*****	*****	AG	820	6.5	0.0	15.0
E. Link_5	*****	*****	*****	*****	AG	870	5.0	0.0	15.0
F. Link_6	*****	*****	*****	*****	AG	645	6.5	0.0	15.0
G. Link_7	*****	*****	*****	*****	AG	645	6.5	0.0	15.0
H. Link_8	*****	*****	*****	*****	AG	645	6.5	0.0	15.0
I. Link_9	*****	*****	*****	*****	AG	645	6.5	0.0	15.0
J. Link_10	*****	*****	*****	*****	AG	645	6.5	0.0	15.0
K. Link_11	*****	*****	*****	*****	AG	690	5.0	0.0	15.0
L. Link_12	*****	*****	*****	*****	AG	1165	6.5	0.0	15.0
M. Link_13	*****	*****	*****	*****	AG	945	5.0	0.0	15.0
N. Link_14	*****	*****	*****	*****	AG	945	5.0	0.0	15.0
O. Link_15	*****	*****	*****	*****	AG	945	5.0	0.0	15.0
P. Link_16	*****	*****	*****	*****	AG	945	5.0	0.0	15.0
Q. Link_17	*****	*****	*****	*****	AG	945	5.0	0.0	15.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SWC	491211	******	1.8
2. NWC	491212	******	1.8
3. NEC	491243	******	1.8
4. SEC	491239	******	1.8

1

JOB: SESD & Encanto
RUN: Int_59_PM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SWC	10.	4.6	0.0	0.0	0.1	0.7	0.1	0.0	0.0	0.0
2. NWC	118.	4.6	0.0	0.2	0.0	0.4	0.0	0.1	0.0	0.0
3. NEC	261.	4.5	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0
4. SEC	279.	4.6	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0

RECEPTOR	CONC/LINK I	J	K	L	M	N	O	P	Q
1. SWC	0.0	0.0	0.1	0.5	0.0	0.0	0.0	0.0	0.0
2. NWC	0.1	0.2	0.1	0.0	0.2	0.2	0.1	0.1	0.0
3. NEC	0.0	0.1	0.4	0.5	0.0	0.0	0.0	0.0	0.0
4. SEC	0.0	0.0	0.2	0.9	0.0	0.0	0.0	0.0	0.0

1
EXIT

JOB: SESD & Encanto
RUN: Int_67_AM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	0.5 M/S	Z0=	400. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	3.0 PPM		
SIGTH=	5. DEGREES	TEMP=	13.6 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Link_1	*****	*****	*****	*****	AG	790	6.5	0.0	15.0
B. Link_2	*****	*****	*****	*****	AG	710	5.0	0.0	15.0
C. Link_3	*****	*****	*****	*****	AG	370	6.5	0.0	15.0
D. Link_4	*****	*****	*****	*****	AG	455	5.0	0.0	15.0
E. Link_5	*****	*****	*****	*****	AG	1100	6.5	0.0	15.0
F. Link_6	*****	*****	*****	*****	AG	1045	5.0	0.0	15.0
G. Link_7	*****	*****	*****	*****	AG	930	6.5	0.0	15.0
H. Link_8	*****	*****	*****	*****	AG	980	5.0	0.0	15.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SWC	492014	******	1.8
2. NWC	492014	******	1.8
3. NEC	492047	******	1.8
4. SEC	492047	******	1.8

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: SESD & Encanto

RUN: Int_67_AM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SWC	10.	4.2	0.0	0.1	0.1	0.0	0.0	0.3	0.6	0.0
2. NWC	99.	4.4	0.6	0.1	0.0	0.1	0.0	0.2	0.3	0.0
3. NEC	189.	4.5	0.3	0.0	0.0	0.1	0.8	0.0	0.0	0.3
4. SEC	349.	4.3	0.2	0.0	0.0	0.1	0.1	0.5	0.4	0.0

1
EXIT

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: SESD & Encanto
RUN: Int_67_PM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	0.5 M/S	Z0=	400. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	3.0 PPM		
SIGTH=	5. DEGREES	TEMP=	13.6 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Link_1	*****	*****	*****	*****	AG	615	6.5	0.0	15.0
B. Link_2	*****	*****	*****	*****	AG	405	5.0	0.0	15.0
C. Link_3	*****	*****	*****	*****	AG	860	6.5	0.0	15.0
D. Link_4	*****	*****	*****	*****	AG	880	5.0	0.0	15.0
E. Link_5	*****	*****	*****	*****	AG	1000	6.5	0.0	15.0
F. Link_6	*****	*****	*****	*****	AG	1095	5.0	0.0	15.0
G. Link_7	*****	*****	*****	*****	AG	1365	6.5	0.0	15.0
H. Link_8	*****	*****	*****	*****	AG	1460	5.0	0.0	15.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SWC	492014	******	1.8
2. NWC	492014	******	1.8
3. NEC	492047	******	1.8
4. SEC	492047	******	1.8

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: SESD & Encanto

RUN: Int_67_PM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SWC	9.	4.6	0.0	0.1	0.3	0.0	0.0	0.3	0.9	0.0
2. NWC	169.	4.5	0.0	0.1	0.2	0.0	0.4	0.0	0.0	0.7
3. NEC	190.	4.6	0.2	0.0	0.0	0.2	0.7	0.0	0.0	0.4
4. SEC	349.	4.6	0.1	0.0	0.0	0.2	0.1	0.6	0.5	0.0

1
EXIT

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: SESD & Encanto
RUN: Int_69_AM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	0.5 M/S	Z0=	400. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	3.0 PPM		
SIGTH=	5. DEGREES	TEMP=	16.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Link_1	*	*****	*****	*****	*****	*	AG	530	6.5	0.0	15.0
B. Link_2	*	*****	*****	*****	*****	*	AG	460	5.0	0.0	15.0
C. Link_3	*	*****	*****	*****	*****	*	AG	840	6.5	0.0	15.0
D. Link_4	*	*****	*****	*****	*****	*	AG	790	5.0	0.0	15.0
E. Link_5	*	*****	*****	*****	*****	*	AG	540	6.5	0.0	15.0
F. Link_6	*	*****	*****	*****	*****	*	AG	540	6.5	0.0	15.0
G. Link_7	*	*****	*****	*****	*****	*	AG	540	6.5	0.0	15.0
H. Link_8	*	*****	*****	*****	*****	*	AG	600	5.0	0.0	15.0
I. Link_9	*	*****	*****	*****	*****	*	AG	600	5.0	0.0	15.0
J. Link_10	*	*****	*****	*****	*****	*	AG	600	5.0	0.0	15.0
K. Link_11	*	*****	*****	*****	*****	*	AG	600	5.0	0.0	15.0
L. Link_12	*	*****	*****	*****	*****	*	AG	190	6.5	0.0	15.0
M. Link_13	*	*****	*****	*****	*****	*	AG	190	6.5	0.0	15.0
N. Link_14	*	*****	*****	*****	*****	*	AG	190	6.5	0.0	15.0
O. Link_15	*	*****	*****	*****	*****	*	AG	190	6.5	0.0	15.0
P. Link_16	*	*****	*****	*****	*****	*	AG	250	5.0	0.0	15.0
Q. Link_17	*	*****	*****	*****	*****	*	AG	250	5.0	0.0	15.0
R. Link_18	*	*****	*****	*****	*****	*	AG	250	5.0	0.0	15.0

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: SESD & Encanto
RUN: Int_69_AM (WORST CASE ANGLE)

POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SWC	492009	******	1.8
2. NWC	492009	******	1.8
3. NEC	492040	******	1.8
4. SEC	492036	******	1.8
5. SW1	492009	******	1.8
6. SW2	492007	******	1.8
7. SE1	492037	******	1.8
8. SE2	492035	******	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SWC	9.	4.0	0.4	0.1	0.0	0.2	0.0	0.0	0.0	0.2
2. NWC	61.	4.3	0.2	0.0	0.0	0.2	0.1	0.1	0.4	0.2
3. NEC	188.	4.3	0.0	0.1	0.7	0.2	0.0	0.0	0.2	0.0
4. SEC	354.	4.3	0.2	0.0	0.1	0.7	0.0	0.0	0.2	0.0
5. SW1	8.	4.0	0.4	0.1	0.0	0.2	0.0	0.0	0.0	0.1
6. SW2	9.	3.8	0.3	0.1	0.0	0.2	0.0	0.0	0.0	0.1
7. SE1	354.	4.3	0.2	0.0	0.5	0.5	0.0	0.0	0.1	0.0
8. SE2	355.	4.4	0.2	0.0	0.7	0.3	0.0	0.0	0.1	0.0

RECEPTOR	CONC/LINK I	J	K	L	M	N	O	P	Q	R
1. SWC	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
2. NWC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
3. NEC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
4. SEC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
5. SW1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
6. SW2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. SE1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
8. SE2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

1
EXIT

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: SESD & Encanto
RUN: Int_69_PM (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	0.5 M/S	Z0=	400. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	1000. M	AMB=	3.0 PPM		
SIGTH=	5. DEGREES	TEMP=	16.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Link_1	*****	*****	*****	*****	AG	630	6.5	0.0	15.0
B. Link_2	*****	*****	*****	*****	AG	450	5.0	0.0	15.0
C. Link_3	*****	*****	*****	*****	AG	490	6.5	0.0	15.0
D. Link_4	*****	*****	*****	*****	AG	540	5.0	0.0	15.0
E. Link_5	*****	*****	*****	*****	AG	360	6.5	0.0	15.0
F. Link_6	*****	*****	*****	*****	AG	360	6.5	0.0	15.0
G. Link_7	*****	*****	*****	*****	AG	360	6.5	0.0	15.0
H. Link_8	*****	*****	*****	*****	AG	490	5.0	0.0	15.0
I. Link_9	*****	*****	*****	*****	AG	490	5.0	0.0	15.0
J. Link_10	*****	*****	*****	*****	AG	490	5.0	0.0	15.0
K. Link_11	*****	*****	*****	*****	AG	490	5.0	0.0	15.0
L. Link_12	*****	*****	*****	*****	AG	360	6.5	0.0	15.0
M. Link_13	*****	*****	*****	*****	AG	360	6.5	0.0	15.0
N. Link_14	*****	*****	*****	*****	AG	360	6.5	0.0	15.0
O. Link_15	*****	*****	*****	*****	AG	360	6.5	0.0	15.0
P. Link_16	*****	*****	*****	*****	AG	360	5.0	0.0	15.0
Q. Link_17	*****	*****	*****	*****	AG	360	5.0	0.0	15.0
R. Link_18	*****	*****	*****	*****	AG	360	5.0	0.0	15.0

1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: SESD & Encanto
RUN: Int_69_PM (WORST CASE ANGLE)

POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SWC	492009	******	1.8
2. NWC	492009	******	1.8
3. NEC	492040	******	1.8
4. SEC	492036	******	1.8
5. SW1	492009	******	1.8
6. SW2	492007	******	1.8
7. SE1	492037	******	1.8
8. SE2	492035	******	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SWC	8.	4.1	0.5	0.1	0.0	0.2	0.0	0.0	0.0	0.2
2. NWC	62.	4.1	0.3	0.0	0.0	0.1	0.1	0.1	0.2	0.2
3. NEC	189.	3.9	0.0	0.1	0.4	0.1	0.0	0.0	0.2	0.0
4. SEC	253.	4.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.1
5. SW1	8.	4.0	0.4	0.1	0.0	0.2	0.0	0.0	0.0	0.1
6. SW2	8.	3.8	0.4	0.1	0.0	0.2	0.0	0.0	0.0	0.1
7. SE1	353.	4.0	0.3	0.0	0.3	0.3	0.0	0.0	0.1	0.0
8. SE2	354.	4.0	0.3	0.0	0.4	0.2	0.0	0.0	0.1	0.0

RECEPTOR	CONC/LINK I	J	K	L	M	N	O	P	Q	R
1. SWC	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
2. NWC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
3. NEC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
4. SEC	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0
5. SW1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
6. SW2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
7. SE1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
8. SE2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0

1
EXIT

ATTACHMENT 9

AERMOD Data Sheets

THIS PAGE IS INTENTIONALLY BLANK.

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.2.0
** Lakes Environmental Software Inc.
** Date: 1/20/2015
** File: C:\AERMOD\01162015\SE-EN-2035_Flat\SE-EN-2035_Flat.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE H:\RECON\6514\Air\SE-Encanto\SE-Encanto.isc
   MODELOPT DFAULT CONC
   AVERTIME 24 ANNUAL
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL SE-EN-2035_Flat.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC I-5: 17th St. to SR-94
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 2.922E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 11
** 485092.44, 3620621.14, 47.43, 4.27, 23.26
** 485260.32, 3620687.35, 43.32, 4.27, 23.26
** 485424.74, 3620723.14, 47.01, 4.27, 23.26
** 485659.57, 3620730.89, 57.86, 4.27, 23.26
** 485829.67, 3620713.68, 59.66, 4.27, 23.26
** 486016.90, 3620523.98, 49.67, 4.27, 23.26
** 486074.73, 3620376.11, 49.88, 4.27, 23.26
** 486141.50, 3620155.20, 37.51, 4.27, 23.26
** 486152.12, 3620071.00, 33.00, 4.27, 23.26
** 486160.43, 3619976.03, 32.87, 4.27, 23.26
** 486166.37, 3619562.90, 20.01, 4.27, 23.26
** ----------------------------------------------------------------------
   LOCATION L0017541     VOLUME   485115.696 3620630.311 48.17
   LOCATION L0017542     VOLUME   485162.209 3620648.657 49.44
   LOCATION L0017543     VOLUME   485208.722 3620667.003 43.50
   LOCATION L0017544     VOLUME   485255.234 3620685.349 40.81
   LOCATION L0017545     VOLUME   485303.835 3620696.824 47.99
   LOCATION L0017546     VOLUME   485352.691 3620707.456 52.14
   LOCATION L0017547     VOLUME   485401.548 3620718.088 49.78
   LOCATION L0017548     VOLUME   485450.991 3620724.002 45.78
   LOCATION L0017549     VOLUME   485500.963 3620725.652 46.73
```

```
   LOCATION L0017550     VOLUME   485550.936 3620727.302 52.85
   LOCATION L0017551     VOLUME   485600.909 3620728.952 58.98
   LOCATION L0017552     VOLUME   485650.882 3620730.601 58.34
   LOCATION L0017553     VOLUME   485700.667 3620726.730 56.61
   LOCATION L0017554     VOLUME   485750.413 3620721.697 57.62
   LOCATION L0017555     VOLUME   485800.159 3620716.663 55.90
   LOCATION L0017556     VOLUME   485843.956 3620699.200 56.55
   LOCATION L0017557     VOLUME   485879.080 3620663.614 56.31
   LOCATION L0017558     VOLUME   485914.203 3620628.029 52.70
   LOCATION L0017559     VOLUME   485949.327 3620592.443 50.19
   LOCATION L0017560     VOLUME   485984.450 3620556.857 50.24
   LOCATION L0017561     VOLUME   486018.285 3620520.435 50.60
   LOCATION L0017562     VOLUME   486036.498 3620473.870 51.97
   LOCATION L0017563     VOLUME   486054.710 3620427.305 51.64
   LOCATION L0017564     VOLUME   486072.923 3620380.740 49.45
   LOCATION L0017565     VOLUME   486087.761 3620333.007 45.90
   LOCATION L0017566     VOLUME   486102.226 3620285.145 46.65
   LOCATION L0017567     VOLUME   486116.691 3620237.284 48.20
   LOCATION L0017568     VOLUME   486131.156 3620189.422 34.31
   LOCATION L0017569     VOLUME   486143.283 3620141.063 32.36
   LOCATION L0017570     VOLUME   486149.541 3620091.456 33.11
   LOCATION L0017571     VOLUME   486154.682 3620041.730 33.29
   LOCATION L0017572     VOLUME   486159.041 3619991.920 36.27
   LOCATION L0017573     VOLUME   486160.920 3619941.984 24.68
   LOCATION L0017574     VOLUME   486161.639 3619891.989 22.45
   LOCATION L0017575     VOLUME   486162.357 3619841.995 23.42
   LOCATION L0017576     VOLUME   486163.075 3619792.000 27.53
   LOCATION L0017577     VOLUME   486163.794 3619742.005 29.00
   LOCATION L0017578     VOLUME   486164.512 3619692.010 25.99
   LOCATION L0017579     VOLUME   486165.230 3619642.015 26.02
   LOCATION L0017580     VOLUME   486165.948 3619592.020 26.47
** End of LINE VOLUME Source ID = SLINE5
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC I-5: SR-94 to Imprial Ave.
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 2.757E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 2
** 486166.48, 3619563.33, 20.01, 4.27, 23.26
** 486168.72, 3618734.47, 20.11, 4.27, 23.26
** ----------------------------------------------------------------
   LOCATION L0009124     VOLUME   486166.547 3619538.325 19.28
   LOCATION L0009125     VOLUME   486166.682 3619488.325 19.83
   LOCATION L0009126     VOLUME   486166.818 3619438.326 19.06
   LOCATION L0009127     VOLUME   486166.953 3619388.326 18.41
   LOCATION L0009128     VOLUME   486167.089 3619338.326 18.85
   LOCATION L0009129     VOLUME   486167.224 3619288.326 19.41
   LOCATION L0009130     VOLUME   486167.359 3619238.326 18.78
   LOCATION L0009131     VOLUME   486167.495 3619188.326 18.78
   LOCATION L0009132     VOLUME   486167.630 3619138.327 17.58
   LOCATION L0009133     VOLUME   486167.765 3619088.327 19.44
   LOCATION L0009134     VOLUME   486167.901 3619038.327 18.98
   LOCATION L0009135     VOLUME   486168.036 3618988.327 18.30
   LOCATION L0009136     VOLUME   486168.172 3618938.327 21.01
   LOCATION L0009137     VOLUME   486168.307 3618888.328 20.24
   LOCATION L0009138     VOLUME   486168.442 3618838.328 19.70
   LOCATION L0009139     VOLUME   486168.578 3618788.328 22.09
   LOCATION L0009140     VOLUME   486168.713 3618738.328 19.55
** End of LINE VOLUME Source ID = SLINE6
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
```

```
** DESCRSRC I-5: Imperial Ave. to SR-75
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 2.77E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 9
** 486168.59, 3618733.83, 19.91, 4.27, 23.26
** 486171.15, 3618681.51, 13.37, 4.27, 23.26
** 486186.60, 3618617.13, 9.83, 4.27, 23.26
** 486211.49, 3618552.74, 14.32, 4.27, 23.26
** 486234.67, 3618510.68, 16.47, 4.27, 23.26
** 486293.91, 3618447.15, 17.46, 4.27, 23.26
** 486384.11, 3618373.21, 15.03, 4.27, 23.26
** 486485.88, 3618288.78, 18.94, 4.27, 23.26
** 486662.15, 3618144.30, 21.60, 4.27, 23.26
** ----------------------------------------------------------------
   LOCATION L0017822     VOLUME   486169.812 3618708.864 15.16
   LOCATION L0017823     VOLUME   486176.425 3618659.521 10.61
   LOCATION L0017824     VOLUME   486188.909 3618611.156 10.77
   LOCATION L0017825     VOLUME   486206.942 3618564.520 14.12
   LOCATION L0017826     VOLUME   486229.532 3618520.011 16.19
   LOCATION L0017827     VOLUME   486261.507 3618481.902 15.75
   LOCATION L0017828     VOLUME   486295.832 3618445.576 16.99
   LOCATION L0017829     VOLUME   486334.501 3618413.878 15.77
   LOCATION L0017830     VOLUME   486373.169 3618382.180 14.85
   LOCATION L0017831     VOLUME   486411.703 3618350.319 15.77
   LOCATION L0017832     VOLUME   486450.184 3618318.394 17.24
   LOCATION L0017833     VOLUME   486488.679 3618286.486 18.97
   LOCATION L0017834     VOLUME   486527.350 3618254.791 20.58
   LOCATION L0017835     VOLUME   486566.020 3618223.096 18.26
   LOCATION L0017836     VOLUME   486604.691 3618191.401 14.62
   LOCATION L0017837     VOLUME   486643.362 3618159.706 18.28
** End of LINE VOLUME Source ID = SLINE7
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE8
** DESCRSRC I-5: SR-75 to 28th St.
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 2.891E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 3
** 486662.02, 3618143.90, 21.64, 4.27, 23.26
** 487398.53, 3617527.58, 14.42, 4.27, 23.26
** 487455.30, 3617491.38, 14.30, 4.27, 23.26
** ----------------------------------------------------------------
   LOCATION L0009157     VOLUME   486681.189 3618127.860 27.18
   LOCATION L0009158     VOLUME   486719.534 3618095.772 28.22
   LOCATION L0009159     VOLUME   486757.880 3618063.684 20.46
   LOCATION L0009160     VOLUME   486796.225 3618031.597 19.62
   LOCATION L0009161     VOLUME   486834.570 3617999.509 19.80
   LOCATION L0009162     VOLUME   486872.916 3617967.421 20.36
   LOCATION L0009163     VOLUME   486911.261 3617935.333 22.09
   LOCATION L0009164     VOLUME   486949.607 3617903.246 20.29
   LOCATION L0009165     VOLUME   486987.952 3617871.158 22.95
   LOCATION L0009166     VOLUME   487026.298 3617839.070 20.77
   LOCATION L0009167     VOLUME   487064.643 3617806.982 19.58
   LOCATION L0009168     VOLUME   487102.989 3617774.895 18.38
   LOCATION L0009169     VOLUME   487141.334 3617742.807 18.64
   LOCATION L0009170     VOLUME   487179.680 3617710.719 21.12
   LOCATION L0009171     VOLUME   487218.025 3617678.631 18.09
   LOCATION L0009172     VOLUME   487256.371 3617646.544 17.29
   LOCATION L0009173     VOLUME   487294.716 3617614.456 17.87
```

```
   LOCATION L0009174     VOLUME   487333.062 3617582.368 15.76
   LOCATION L0009175     VOLUME   487371.407 3617550.280 12.73
   LOCATION L0009176     VOLUME   487410.869 3617519.716 15.01
   LOCATION L0009177     VOLUME   487453.028 3617492.836 15.59
** End of LINE VOLUME Source ID = SLINE8
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE9
** DESCRSRC I-5: 28th St. to I-15
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 3.261E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 11
** 487455.24, 3617491.59, 14.30, 4.27, 23.26
** 487497.35, 3617465.24, 17.03, 4.27, 23.26
** 487544.81, 3617444.67, 17.50, 4.27, 23.26
** 487619.18, 3617424.10, 19.43, 4.27, 23.26
** 487724.66, 3617415.13, 22.53, 4.27, 23.26
** 488067.35, 3617425.41, 16.56, 4.27, 23.26
** 488185.56, 3617421.37, 17.96, 4.27, 23.26
** 488298.80, 3617399.01, 12.54, 4.27, 23.26
** 488385.54, 3617370.61, 7.66, 4.27, 23.26
** 488479.96, 3617324.72, 7.00, 4.27, 23.26
** 488592.11, 3617251.18, 6.53, 4.27, 23.26
** ----------------------------------------------------------------
   LOCATION L0009178     VOLUME   487476.431 3617478.327 15.87
   LOCATION L0009179     VOLUME   487520.586 3617455.168 16.84
   LOCATION L0009180     VOLUME   487567.555 3617438.379 18.25
   LOCATION L0009181     VOLUME   487615.745 3617425.050 19.00
   LOCATION L0009182     VOLUME   487665.450 3617420.167 20.17
   LOCATION L0009183     VOLUME   487715.270 3617415.932 21.34
   LOCATION L0009184     VOLUME   487765.218 3617416.350 18.50
   LOCATION L0009185     VOLUME   487815.195 3617417.849 16.59
   LOCATION L0009186     VOLUME   487865.173 3617419.347 16.24
   LOCATION L0009187     VOLUME   487915.150 3617420.846 19.10
   LOCATION L0009188     VOLUME   487965.128 3617422.345 22.14
   LOCATION L0009189     VOLUME   488015.106 3617423.843 19.49
   LOCATION L0009190     VOLUME   488065.083 3617425.342 17.72
   LOCATION L0009191     VOLUME   488115.054 3617423.779 17.21
   LOCATION L0009192     VOLUME   488165.025 3617422.071 16.59
   LOCATION L0009193     VOLUME   488214.455 3617415.663 16.53
   LOCATION L0009194     VOLUME   488263.508 3617405.976 14.19
   LOCATION L0009195     VOLUME   488312.130 3617394.642 11.93
   LOCATION L0009196     VOLUME   488359.649 3617379.088 10.29
   LOCATION L0009197     VOLUME   488406.008 3617360.665 8.42
   LOCATION L0009198     VOLUME   488450.978 3617338.808 7.67
   LOCATION L0009199     VOLUME   488494.825 3617314.974 6.46
   LOCATION L0009200     VOLUME   488536.636 3617287.556 8.78
   LOCATION L0009201     VOLUME   488578.448 3617260.137 8.36
** End of LINE VOLUME Source ID = SLINE9
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE10
** DESCRSRC I-5: I-15 to Main St,
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 4.308E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 15
** 488592.51, 3617251.13, 6.53, 4.27, 23.26
** 488783.03, 3617087.55, 2.19, 4.27, 23.26
** 489281.63, 3616673.86, 7.55, 4.27, 23.26
```

```
** 489391.55, 3616539.97, 10.60, 4.27, 23.26
** 489436.22, 3616472.78, 13.58, 4.27, 23.26
** 489501.52, 3616338.75, 7.81, 4.27, 23.26
** 489574.42, 3616108.71, 7.94, 4.27, 23.26
** 489763.30, 3615572.13, 9.00, 4.27, 23.26
** 489741.19, 3615340.07, 8.44, 4.27, 23.26
** 489649.60, 3615085.75, 1.44, 4.27, 23.26
** 489579.32, 3614885.82, 0.40, 4.27, 23.26
** 489556.96, 3614682.04, 8.95, 4.27, 23.26
** 489562.91, 3614560.50, 3.64, 4.27, 23.26
** 489584.64, 3614451.77, 4.74, 4.27, 23.26
** 490219.67, 3612575.87, 3.29, 4.27, 23.26
** ------------------------------------------------------------------
   LOCATION L0017581     VOLUME   488611.480 3617234.846 7.07
   LOCATION L0017582     VOLUME   488649.414 3617202.274 8.90
   LOCATION L0017583     VOLUME   488687.349 3617169.702 10.00
   LOCATION L0017584     VOLUME   488725.284 3617137.129 8.07
   LOCATION L0017585     VOLUME   488763.219 3617104.557 4.97
   LOCATION L0017586     VOLUME   488801.414 3617072.293 3.58
   LOCATION L0017587     VOLUME   488839.893 3617040.366 3.35
   LOCATION L0017588     VOLUME   488878.373 3617008.440 6.68
   LOCATION L0017589     VOLUME   488916.853 3616976.513 6.99
   LOCATION L0017590     VOLUME   488955.332 3616944.586 11.93
   LOCATION L0017591     VOLUME   488993.812 3616912.660 8.88
   LOCATION L0017592     VOLUME   489032.292 3616880.733 6.15
   LOCATION L0017593     VOLUME   489070.771 3616848.806 10.48
   LOCATION L0017594     VOLUME   489109.251 3616816.879 12.05
   LOCATION L0017595     VOLUME   489147.731 3616784.953 11.00
   LOCATION L0017596     VOLUME   489186.210 3616753.026 8.86
   LOCATION L0017597     VOLUME   489224.690 3616721.099 11.12
   LOCATION L0017598     VOLUME   489263.170 3616689.173 8.61
   LOCATION L0017599     VOLUME   489298.135 3616653.750 9.87
   LOCATION L0017600     VOLUME   489329.862 3616615.105 14.66
   LOCATION L0017601     VOLUME   489361.588 3616576.460 11.62
   LOCATION L0017602     VOLUME   489393.090 3616537.649 10.64
   LOCATION L0017603     VOLUME   489420.775 3616496.013 11.18
   LOCATION L0017604     VOLUME   489445.901 3616452.912 12.25
   LOCATION L0017605     VOLUME   489467.800 3616407.962 9.50
   LOCATION L0017606     VOLUME   489489.698 3616363.013 8.80
   LOCATION L0017607     VOLUME   489508.470 3616316.814 8.79
   LOCATION L0017608     VOLUME   489523.575 3616269.150 6.44
   LOCATION L0017609     VOLUME   489538.680 3616221.487 5.87
   LOCATION L0017610     VOLUME   489553.786 3616173.823 7.44
   LOCATION L0017611     VOLUME   489568.891 3616126.159 8.44
   LOCATION L0017612     VOLUME   489584.944 3616078.813 8.62
   LOCATION L0017613     VOLUME   489601.546 3616031.649 11.76
   LOCATION L0017614     VOLUME   489618.148 3615984.486 8.62
   LOCATION L0017615     VOLUME   489634.749 3615937.322 5.01
   LOCATION L0017616     VOLUME   489651.351 3615890.159 7.00
   LOCATION L0017617     VOLUME   489667.952 3615842.995 4.06
   LOCATION L0017618     VOLUME   489684.554 3615795.832 2.75
   LOCATION L0017619     VOLUME   489701.155 3615748.669 0.34
   LOCATION L0017620     VOLUME   489717.757 3615701.505 0.90
   LOCATION L0017621     VOLUME   489734.359 3615654.342 1.05
   LOCATION L0017622     VOLUME   489750.960 3615607.178 5.36
   LOCATION L0017623     VOLUME   489762.079 3615559.344 9.09
   LOCATION L0017624     VOLUME   489757.338 3615509.569 10.20
   LOCATION L0017625     VOLUME   489752.597 3615459.795 3.31
   LOCATION L0017626     VOLUME   489747.856 3615410.020 4.31
   LOCATION L0017627     VOLUME   489743.115 3615360.245 7.99
   LOCATION L0017628     VOLUME   489731.117 3615312.096 8.90
   LOCATION L0017629     VOLUME   489714.175 3615265.053 5.59
   LOCATION L0017630     VOLUME   489697.233 3615218.011 1.90
   LOCATION L0017631     VOLUME   489680.291 3615170.969 6.05
   LOCATION L0017632     VOLUME   489663.349 3615123.927 7.12
   LOCATION L0017633     VOLUME   489646.475 3615076.861 1.45
   LOCATION L0017634     VOLUME   489629.894 3615029.690 5.05
```

```
   LOCATION L0017635     VOLUME   489613.314 3614982.519 10.23
   LOCATION L0017636     VOLUME   489596.734 3614935.348 9.17
   LOCATION L0017637     VOLUME   489580.154 3614888.177 -0.21
   LOCATION L0017638     VOLUME   489574.141 3614838.602 -2.74
   LOCATION L0017639     VOLUME   489568.686 3614788.901 3.10
   LOCATION L0017640     VOLUME   489563.230 3614739.199 7.94
   LOCATION L0017641     VOLUME   489557.775 3614689.498 8.33
   LOCATION L0017642     VOLUME   489559.035 3614639.593 8.00
   LOCATION L0017643     VOLUME   489561.482 3614589.653 6.50
   LOCATION L0017644     VOLUME   489566.989 3614540.092 4.77
   LOCATION L0017645     VOLUME   489576.789 3614491.062 5.23
   LOCATION L0017646     VOLUME   489587.828 3614442.363 4.60
   LOCATION L0017647     VOLUME   489603.860 3614395.003 4.30
   LOCATION L0017648     VOLUME   489619.892 3614347.643 8.15
   LOCATION L0017649     VOLUME   489635.924 3614300.283 9.35
   LOCATION L0017650     VOLUME   489651.956 3614252.923 9.22
   LOCATION L0017651     VOLUME   489667.989 3614205.563 7.12
   LOCATION L0017652     VOLUME   489684.021 3614158.203 2.66
   LOCATION L0017653     VOLUME   489700.053 3614110.843 2.97
   LOCATION L0017654     VOLUME   489716.085 3614063.483 7.01
   LOCATION L0017655     VOLUME   489732.117 3614016.123 8.38
   LOCATION L0017656     VOLUME   489748.149 3613968.763 8.19
   LOCATION L0017657     VOLUME   489764.181 3613921.403 9.08
   LOCATION L0017658     VOLUME   489780.213 3613874.043 7.98
   LOCATION L0017659     VOLUME   489796.246 3613826.683 7.81
   LOCATION L0017660     VOLUME   489812.278 3613779.323 8.50
   LOCATION L0017661     VOLUME   489828.310 3613731.963 9.81
   LOCATION L0017662     VOLUME   489844.342 3613684.603 4.29
   LOCATION L0017663     VOLUME   489860.374 3613637.243 1.10
   LOCATION L0017664     VOLUME   489876.406 3613589.883 6.01
   LOCATION L0017665     VOLUME   489892.438 3613542.523 8.17
   LOCATION L0017666     VOLUME   489908.471 3613495.163 5.07
   LOCATION L0017667     VOLUME   489924.503 3613447.803 3.63
   LOCATION L0017668     VOLUME   489940.535 3613400.443 4.60
   LOCATION L0017669     VOLUME   489956.567 3613353.083 6.81
   LOCATION L0017670     VOLUME   489972.599 3613305.723 2.41
   LOCATION L0017671     VOLUME   489988.631 3613258.363 -0.10
   LOCATION L0017672     VOLUME   490004.663 3613211.003 1.42
   LOCATION L0017673     VOLUME   490020.695 3613163.643 3.26
   LOCATION L0017674     VOLUME   490036.728 3613116.283 6.16
   LOCATION L0017675     VOLUME   490052.760 3613068.923 7.26
   LOCATION L0017676     VOLUME   490068.792 3613021.563 3.40
   LOCATION L0017677     VOLUME   490084.824 3612974.203 2.96
   LOCATION L0017678     VOLUME   490100.856 3612926.843 3.19
   LOCATION L0017679     VOLUME   490116.888 3612879.483 4.69
   LOCATION L0017680     VOLUME   490132.920 3612832.123 4.30
   LOCATION L0017681     VOLUME   490148.953 3612784.763 2.75
   LOCATION L0017682     VOLUME   490164.985 3612737.403 3.50
   LOCATION L0017683     VOLUME   490181.017 3612690.043 2.74
   LOCATION L0017684     VOLUME   490197.049 3612642.683 4.38
   LOCATION L0017685     VOLUME   490213.081 3612595.323 4.06
** End of LINE VOLUME Source ID = SLINE10
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE11
** DESCRSRC I-15: I-805 to SR-94
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 8.938E-07
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 17
** 489122.13, 3622524.68, 77.77, 4.27, 23.26
** 489199.77, 3622374.33, 69.09, 4.27, 23.26
** 489437.66, 3621728.62, 64.05, 4.27, 23.26
** 489519.37, 3621597.71, 64.09, 4.27, 23.26
```

```
** 489542.34, 3621476.24, 56.57, 4.27, 23.26
** 489534.60, 3621377.40, 58.93, 4.27, 23.26
** 489517.41, 3621282.00, 53.85, 4.27, 23.26
** 489495.02, 3621194.65, 51.14, 4.27, 23.26
** 489463.67, 3621107.69, 46.81, 4.27, 23.26
** 489404.01, 3620992.42, 44.01, 4.27, 23.26
** 489138.06, 3620556.50, 34.02, 4.27, 23.26
** 489047.68, 3620390.59, 30.08, 4.27, 23.26
** 489005.16, 3620280.68, 31.18, 4.27, 23.26
** 488976.61, 3620194.55, 27.51, 4.27, 23.26
** 488964.19, 3620133.69, 22.13, 4.27, 23.26
** 488955.50, 3620064.76, 20.46, 4.27, 23.26
** 488954.65, 3619898.99, 23.08, 4.27, 23.26
** ------------------------------------------------------------------
   LOCATION L0017686     VOLUME   489133.601 3622502.468 74.84
   LOCATION L0017687     VOLUME   489156.542 3622458.041 71.82
   LOCATION L0017688     VOLUME   489179.482 3622413.614 73.11
   LOCATION L0017689     VOLUME   489201.768 3622368.900 69.90
   LOCATION L0017690     VOLUME   489219.054 3622321.982 70.32
   LOCATION L0017691     VOLUME   489236.339 3622275.065 69.12
   LOCATION L0017692     VOLUME   489253.624 3622228.148 71.06
   LOCATION L0017693     VOLUME   489270.909 3622181.231 70.06
   LOCATION L0017694     VOLUME   489288.195 3622134.314 66.75
   LOCATION L0017695     VOLUME   489305.480 3622087.397 65.30
   LOCATION L0017696     VOLUME   489322.765 3622040.479 62.56
   LOCATION L0017697     VOLUME   489340.050 3621993.562 60.67
   LOCATION L0017698     VOLUME   489357.336 3621946.645 61.94
   LOCATION L0017699     VOLUME   489374.621 3621899.728 65.51
   LOCATION L0017700     VOLUME   489391.906 3621852.811 63.80
   LOCATION L0017701     VOLUME   489409.191 3621805.894 59.90
   LOCATION L0017702     VOLUME   489426.477 3621758.976 63.51
   LOCATION L0017703     VOLUME   489447.005 3621713.648 64.92
   LOCATION L0017704     VOLUME   489473.480 3621671.232 64.22
   LOCATION L0017705     VOLUME   489499.955 3621628.817 64.03
   LOCATION L0017706     VOLUME   489521.847 3621584.611 62.24
   LOCATION L0017707     VOLUME   489531.136 3621535.481 58.21
   LOCATION L0017708     VOLUME   489540.425 3621486.352 56.49
   LOCATION L0017709     VOLUME   489539.240 3621436.652 57.78
   LOCATION L0017710     VOLUME   489535.339 3621386.804 58.99
   LOCATION L0017711     VOLUME   489527.410 3621337.476 54.61
   LOCATION L0017712     VOLUME   489518.543 3621288.268 54.90
   LOCATION L0017713     VOLUME   489506.578 3621239.736 52.33
   LOCATION L0017714     VOLUME   489493.847 3621191.399 52.88
   LOCATION L0017715     VOLUME   489476.891 3621144.362 51.38
   LOCATION L0017716     VOLUME   489458.608 3621097.905 49.86
   LOCATION L0017717     VOLUME   489435.626 3621053.499 50.14
   LOCATION L0017718     VOLUME   489412.645 3621009.094 46.12
   LOCATION L0017719     VOLUME   489387.752 3620965.764 41.79
   LOCATION L0017720     VOLUME   489361.712 3620923.080 44.58
   LOCATION L0017721     VOLUME   489335.671 3620880.397 42.13
   LOCATION L0017722     VOLUME   489309.630 3620837.713 40.83
   LOCATION L0017723     VOLUME   489283.589 3620795.030 42.97
   LOCATION L0017724     VOLUME   489257.548 3620752.347 42.87
   LOCATION L0017725     VOLUME   489231.508 3620709.663 37.15
   LOCATION L0017726     VOLUME   489205.467 3620666.980 35.04
   LOCATION L0017727     VOLUME   489179.426 3620624.296 35.52
   LOCATION L0017728     VOLUME   489153.385 3620581.613 35.22
   LOCATION L0017729     VOLUME   489128.217 3620538.426 33.65
   LOCATION L0017730     VOLUME   489104.297 3620494.518 32.24
   LOCATION L0017731     VOLUME   489080.377 3620450.611 32.56
   LOCATION L0017732     VOLUME   489056.457 3620406.704 31.90
   LOCATION L0017733     VOLUME   489036.260 3620361.072 29.74
   LOCATION L0017734     VOLUME   489018.221 3620314.439 31.19
   LOCATION L0017735     VOLUME   489000.819 3620267.578 30.59
   LOCATION L0017736     VOLUME   488985.086 3620220.118 29.02
   LOCATION L0017737     VOLUME   488971.999 3620171.952 24.95
   LOCATION L0017738     VOLUME   488962.821 3620122.826 21.98
```

```
   LOCATION L0017739     VOLUME   488956.564 3620073.219 21.46
   LOCATION L0017740     VOLUME   488955.284 3620023.287 20.48
   LOCATION L0017741     VOLUME   488955.027 3619973.288 21.83
   LOCATION L0017742     VOLUME   488954.771 3619923.288 22.55
** End of LINE VOLUME Source ID = SLINE11
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE12
** DESCRSRC I-15: SR-94 to Market St.
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 2.032E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 6
** 488954.78, 3619898.87, 23.08, 4.27, 23.26
** 488958.48, 3619682.13, 17.99, 4.27, 23.26
** 488947.92, 3619596.41, 22.36, 4.27, 23.26
** 488936.29, 3619542.72, 24.00, 4.27, 23.26
** 488898.40, 3619435.88, 20.56, 4.27, 23.26
** 488860.12, 3619323.70, 23.09, 4.27, 23.26
** ----------------------------------------------------------------------
   LOCATION L0009279     VOLUME   488955.209 3619873.876 23.00
   LOCATION L0009280     VOLUME   488956.062 3619823.883 21.22
   LOCATION L0009281     VOLUME   488956.916 3619773.890 18.64
   LOCATION L0009282     VOLUME   488957.769 3619723.898 17.41
   LOCATION L0009283     VOLUME   488957.477 3619673.965 19.02
   LOCATION L0009284     VOLUME   488951.363 3619624.341 22.27
   LOCATION L0009285     VOLUME   488943.293 3619575.048 23.54
   LOCATION L0009286     VOLUME   488930.631 3619526.771 22.13
   LOCATION L0009287     VOLUME   488913.919 3619479.647 20.73
   LOCATION L0009288     VOLUME   488897.246 3619432.509 21.94
   LOCATION L0009289     VOLUME   488881.099 3619385.188 23.66
   LOCATION L0009290     VOLUME   488864.952 3619337.867 24.00
** End of LINE VOLUME Source ID = SLINE12
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE13
** DESCRSRC I-15: Market St. to Ocean View Blvd.
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 2.209E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 9
** 488859.75, 3619323.57, 23.09, 4.27, 23.26
** 488800.86, 3619159.21, 24.12, 4.27, 23.26
** 488775.80, 3619068.25, 22.66, 4.27, 23.26
** 488741.41, 3618904.02, 21.84, 4.27, 23.26
** 488717.34, 3618764.74, 17.76, 4.27, 23.26
** 488702.50, 3618649.07, 15.00, 4.27, 23.26
** 488693.91, 3618577.64, 16.95, 4.27, 23.26
** 488686.18, 3618369.55, 17.86, 4.27, 23.26
** 488681.61, 3618171.43, 7.54, 4.27, 23.26
** ----------------------------------------------------------------------
   LOCATION L0009310     VOLUME   488851.316 3619300.033 23.06
   LOCATION L0009311     VOLUME   488834.451 3619252.963 27.71
   LOCATION L0009312     VOLUME   488817.586 3619205.893 25.81
   LOCATION L0009313     VOLUME   488800.750 3619158.814 22.72
   LOCATION L0009314     VOLUME   488787.472 3619110.609 20.77
   LOCATION L0009315     VOLUME   488774.560 3619062.316 20.82
   LOCATION L0009316     VOLUME   488764.312 3619013.378 22.13
   LOCATION L0009317     VOLUME   488754.063 3618964.439 23.80
   LOCATION L0009318     VOLUME   488743.814 3618915.501 21.56
   LOCATION L0009319     VOLUME   488734.892 3618866.309 19.39
```

```
   LOCATION L0009320     VOLUME   488726.376 3618817.040 18.31
   LOCATION L0009321     VOLUME   488717.860 3618767.770 18.03
   LOCATION L0009322     VOLUME   488711.365 3618718.196 13.70
   LOCATION L0009323     VOLUME   488705.003 3618668.603 14.35
   LOCATION L0009324     VOLUME   488698.882 3618618.979 16.66
   LOCATION L0009325     VOLUME   488693.603 3618569.283 18.33
   LOCATION L0009326     VOLUME   488691.745 3618519.317 15.71
   LOCATION L0009327     VOLUME   488689.887 3618469.352 14.56
   LOCATION L0009328     VOLUME   488688.029 3618419.386 15.84
   LOCATION L0009329     VOLUME   488686.172 3618369.421 16.85
   LOCATION L0009330     VOLUME   488685.020 3618319.434 13.97
   LOCATION L0009331     VOLUME   488683.869 3618269.447 12.48
   LOCATION L0009332     VOLUME   488682.717 3618219.460 12.59
** End of LINE VOLUME Source ID = SLINE13
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE14
** DESCRSRC I-15: Ocean View Blvd. to I-5
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 2.085E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 6
** 488681.74, 3618171.74, 7.56, 4.27, 23.26
** 488678.83, 3617594.30, 9.54, 4.27, 23.26
** 488678.10, 3617540.20, 13.79, 4.27, 23.26
** 488664.94, 3617453.93, 5.49, 4.27, 23.26
** 488648.56, 3617382.78, 8.08, 4.27, 23.26
** 488591.89, 3617251.23, 7.35, 4.27, 23.26
** ----------------------------------------------------------------
   LOCATION L0009333     VOLUME   488681.614 3618146.744 7.77
   LOCATION L0009334     VOLUME   488681.362 3618096.745 8.05
   LOCATION L0009335     VOLUME   488681.111 3618046.746 8.86
   LOCATION L0009336     VOLUME   488680.859 3617996.746 9.96
   LOCATION L0009337     VOLUME   488680.608 3617946.747 6.04
   LOCATION L0009338     VOLUME   488680.356 3617896.747 4.63
   LOCATION L0009339     VOLUME   488680.105 3617846.748 6.68
   LOCATION L0009340     VOLUME   488679.853 3617796.749 7.43
   LOCATION L0009341     VOLUME   488679.602 3617746.749 11.58
   LOCATION L0009342     VOLUME   488679.350 3617696.750 11.28
   LOCATION L0009343     VOLUME   488679.099 3617646.751 10.23
   LOCATION L0009344     VOLUME   488678.847 3617596.751 11.40
   LOCATION L0009345     VOLUME   488678.192 3617546.756 13.98
   LOCATION L0009346     VOLUME   488671.553 3617497.253 8.25
   LOCATION L0009347     VOLUME   488663.558 3617447.912 5.72
   LOCATION L0009348     VOLUME   488652.337 3617399.187 8.04
   LOCATION L0009349     VOLUME   488635.439 3617352.322 10.59
   LOCATION L0009350     VOLUME   488615.658 3617306.402 9.19
   LOCATION L0009351     VOLUME   488595.877 3617260.481 8.01
** End of LINE VOLUME Source ID = SLINE14
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE15
** DESCRSRC I-15: I-5 to Norman Scott Rd.
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 5.154E-07
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 6
** 488591.73, 3617251.20, 7.35, 4.27, 23.26
** 488571.61, 3617214.46, 4.00, 4.27, 23.26
** 488413.30, 3616983.44, 5.92, 4.27, 23.26
** 488354.38, 3616891.40, -1.59, 4.27, 23.26
```

```
** 488292.85, 3616778.90, 6.96, 4.27, 23.26
** 488241.88, 3616670.13, 1.10, 4.27, 23.26
** ----------------------------------------------------------------------
   LOCATION L0009352     VOLUME   488579.724 3617229.277 5.23
   LOCATION L0009353     VOLUME   488552.896 3617187.150 2.39
   LOCATION L0009354     VOLUME   488524.633 3617145.904 2.32
   LOCATION L0009355     VOLUME   488496.370 3617104.659 4.57
   LOCATION L0009356     VOLUME   488468.107 3617063.413 7.21
   LOCATION L0009357     VOLUME   488439.844 3617022.167 7.00
   LOCATION L0009358     VOLUME   488411.661 3616980.869 5.17
   LOCATION L0009359     VOLUME   488384.703 3616938.759 0.61
   LOCATION L0009360     VOLUME   488357.745 3616896.648 -0.68
   LOCATION L0009361     VOLUME   488333.382 3616853.001 0.30
   LOCATION L0009362     VOLUME   488309.388 3616809.134 6.09
   LOCATION L0009363     VOLUME   488286.258 3616764.829 4.66
   LOCATION L0009364     VOLUME   488265.043 3616719.553 2.61
   LOCATION L0009365     VOLUME   488243.828 3616674.277 -0.12
** End of LINE VOLUME Source ID = SLINE15
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE16
** DESCRSRC I-805: Home Ave. to SR-94
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 4.989E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 11
** 489387.86, 3622493.62, 75.23, 4.27, 23.26
** 489383.41, 3622348.07, 77.04, 4.27, 23.26
** 489405.16, 3622204.32, 74.46, 4.27, 23.26
** 489449.21, 3622072.66, 73.70, 4.27, 23.26
** 489550.37, 3621596.53, 63.69, 4.27, 23.26
** 489648.42, 3621515.16, 67.32, 4.27, 23.26
** 489994.17, 3621282.86, 67.83, 4.27, 23.26
** 490231.29, 3621077.81, 57.50, 4.27, 23.26
** 490366.52, 3620764.67, 46.65, 4.27, 23.26
** 490390.34, 3620611.06, 48.91, 4.27, 23.26
** 490366.99, 3620143.11, 43.78, 4.27, 23.26
** ----------------------------------------------------------------------
   LOCATION L0017486     VOLUME   489387.095 3622468.636 74.14
   LOCATION L0017487     VOLUME   489385.569 3622418.659 79.13
   LOCATION L0017488     VOLUME   489384.044 3622368.683 78.47
   LOCATION L0017489     VOLUME   489387.809 3622319.023 77.70
   LOCATION L0017490     VOLUME   489395.289 3622269.585 72.17
   LOCATION L0017491     VOLUME   489402.768 3622220.148 73.03
   LOCATION L0017492     VOLUME   489415.947 3622172.084 74.40
   LOCATION L0017493     VOLUME   489431.809 3622124.667 74.04
   LOCATION L0017494     VOLUME   489447.671 3622077.250 73.68
   LOCATION L0017495     VOLUME   489458.592 3622028.486 72.55
   LOCATION L0017496     VOLUME   489468.983 3621979.577 70.64
   LOCATION L0017497     VOLUME   489479.375 3621930.669 69.00
   LOCATION L0017498     VOLUME   489489.766 3621881.761 63.98
   LOCATION L0017499     VOLUME   489500.158 3621832.853 64.58
   LOCATION L0017500     VOLUME   489510.549 3621783.944 65.99
   LOCATION L0017501     VOLUME   489520.941 3621735.036 63.64
   LOCATION L0017502     VOLUME   489531.332 3621686.128 61.33
   LOCATION L0017503     VOLUME   489541.723 3621637.219 62.49
   LOCATION L0017504     VOLUME   489556.835 3621591.165 63.32
   LOCATION L0017505     VOLUME   489595.312 3621559.234 64.27
   LOCATION L0017506     VOLUME   489633.788 3621527.303 66.66
   LOCATION L0017507     VOLUME   489674.140 3621497.880 72.44
   LOCATION L0017508     VOLUME   489715.642 3621469.996 74.95
   LOCATION L0017509     VOLUME   489757.145 3621442.112 72.76
   LOCATION L0017510     VOLUME   489798.647 3621414.227 69.31
   LOCATION L0017511     VOLUME   489840.150 3621386.343 71.38
```

```
   LOCATION L0017512     VOLUME   489881.652 3621358.458 75.35
   LOCATION L0017513     VOLUME   489923.155 3621330.574 73.25
   LOCATION L0017514     VOLUME   489964.657 3621302.689 70.64
   LOCATION L0017515     VOLUME   490005.096 3621273.412 64.78
   LOCATION L0017516     VOLUME   490042.916 3621240.707 65.24
   LOCATION L0017517     VOLUME   490080.736 3621208.001 61.93
   LOCATION L0017518     VOLUME   490118.556 3621175.296 61.20
   LOCATION L0017519     VOLUME   490156.376 3621142.591 60.38
   LOCATION L0017520     VOLUME   490194.197 3621109.885 58.06
   LOCATION L0017521     VOLUME   490231.671 3621076.927 56.07
   LOCATION L0017522     VOLUME   490251.494 3621031.024 53.68
   LOCATION L0017523     VOLUME   490271.317 3620985.122 50.59
   LOCATION L0017524     VOLUME   490291.141 3620939.219 42.11
   LOCATION L0017525     VOLUME   490310.964 3620893.317 43.71
   LOCATION L0017526     VOLUME   490330.787 3620847.414 42.58
   LOCATION L0017527     VOLUME   490350.610 3620801.511 43.70
   LOCATION L0017528     VOLUME   490368.033 3620754.917 45.96
   LOCATION L0017529     VOLUME   490375.693 3620705.507 44.17
   LOCATION L0017530     VOLUME   490383.353 3620656.097 43.20
   LOCATION L0017531     VOLUME   490390.116 3620606.641 47.25
   LOCATION L0017532     VOLUME   490387.624 3620556.703 45.06
   LOCATION L0017533     VOLUME   490385.133 3620506.765 45.32
   LOCATION L0017534     VOLUME   490382.641 3620456.827 46.79
   LOCATION L0017535     VOLUME   490380.149 3620406.889 45.77
   LOCATION L0017536     VOLUME   490377.657 3620356.952 44.21
   LOCATION L0017537     VOLUME   490375.165 3620307.014 42.57
   LOCATION L0017538     VOLUME   490372.674 3620257.076 36.41
   LOCATION L0017539     VOLUME   490370.182 3620207.138 39.71
   LOCATION L0017540     VOLUME   490367.690 3620157.200 44.67
** End of LINE VOLUME Source ID = SLINE16
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE17
** DESCRSRC I-805: SR-94 to Market St.
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 4.867E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 7
** 490365.15, 3620144.39, 43.78, 4.27, 23.26
** 490353.62, 3619912.49, 42.96, 4.27, 23.26
** 490354.82, 3619816.03, 38.10, 4.27, 23.26
** 490378.63, 3619681.45, 39.83, 4.27, 23.26
** 490411.14, 3619561.08, 42.94, 4.27, 23.26
** 490494.15, 3619397.08, 38.15, 4.27, 23.26
** 490562.72, 3619310.49, 34.69, 4.27, 23.26
** ----------------------------------------------------------------
   LOCATION L0009381     VOLUME   490363.908 3620119.420 45.49
   LOCATION L0009382     VOLUME   490361.426 3620069.481 46.77
   LOCATION L0009383     VOLUME   490358.945 3620019.543 46.32
   LOCATION L0009384     VOLUME   490356.463 3619969.605 45.36
   LOCATION L0009385     VOLUME   490353.981 3619919.666 43.09
   LOCATION L0009386     VOLUME   490354.153 3619869.678 38.51
   LOCATION L0009387     VOLUME   490354.770 3619819.682 37.43
   LOCATION L0009388     VOLUME   490362.893 3619770.392 42.39
   LOCATION L0009389     VOLUME   490371.607 3619721.157 42.48
   LOCATION L0009390     VOLUME   490381.157 3619672.109 39.51
   LOCATION L0009391     VOLUME   490394.193 3619623.838 36.73
   LOCATION L0009392     VOLUME   490407.229 3619575.567 40.92
   LOCATION L0009393     VOLUME   490426.945 3619529.858 41.00
   LOCATION L0009394     VOLUME   490449.526 3619485.247 41.16
   LOCATION L0009395     VOLUME   490472.106 3619440.637 40.09
   LOCATION L0009396     VOLUME   490494.887 3619396.154 39.23
   LOCATION L0009397     VOLUME   490525.925 3619356.954 36.47
   LOCATION L0009398     VOLUME   490556.963 3619317.754 35.06
```

```
** End of LINE VOLUME Source ID = SLINE17
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE18
** DESCRSRC I-805: Market St. to Imperial Ave.
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 6.162E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 5
** 490567.87, 3619306.12, 34.64, 4.27, 23.26
** 490945.57, 3618820.27, 26.34, 4.27, 23.26
** 491005.06, 3618725.05, 22.93, 4.27, 23.26
** 491064.41, 3618606.35, 23.97, 4.27, 23.26
** 491087.49, 3618492.60, 28.98, 4.27, 23.26
** ----------------------------------------------------------------------
   LOCATION L0009399     VOLUME   490583.213 3619286.386 33.71
   LOCATION L0009400     VOLUME   490613.900 3619246.911 35.31
   LOCATION L0009401     VOLUME   490644.588 3619207.435 36.98
   LOCATION L0009402     VOLUME   490675.275 3619167.960 38.00
   LOCATION L0009403     VOLUME   490705.962 3619128.485 37.72
   LOCATION L0009404     VOLUME   490736.650 3619089.010 36.18
   LOCATION L0009405     VOLUME   490767.337 3619049.535 33.36
   LOCATION L0009406     VOLUME   490798.024 3619010.060 31.45
   LOCATION L0009407     VOLUME   490828.712 3618970.585 29.49
   LOCATION L0009408     VOLUME   490859.399 3618931.109 27.09
   LOCATION L0009409     VOLUME   490890.087 3618891.634 30.12
   LOCATION L0009410     VOLUME   490920.774 3618852.159 28.82
   LOCATION L0009411     VOLUME   490950.656 3618812.122 24.33
   LOCATION L0009412     VOLUME   490977.151 3618769.719 20.18
   LOCATION L0009413     VOLUME   491003.646 3618727.316 23.40
   LOCATION L0009414     VOLUME   491026.228 3618682.718 23.04
   LOCATION L0009415     VOLUME   491048.588 3618637.997 21.00
   LOCATION L0009416     VOLUME   491067.317 3618592.024 29.42
   LOCATION L0009417     VOLUME   491077.260 3618543.022 30.34
   LOCATION L0009418     VOLUME   491087.202 3618494.021 28.69
** End of LINE VOLUME Source ID = SLINE18
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE19
** DESCRSRC I-805: Imperial Ave. to 43rd. St.
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 6.029E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 8
** 491085.80, 3618491.71, 28.97, 4.27, 23.26
** 491104.89, 3618438.11, 25.65, 4.27, 23.26
** 491110.50, 3618328.80, 28.66, 4.27, 23.26
** 491101.40, 3617349.48, 31.39, 4.27, 23.26
** 491108.25, 3617192.00, 28.65, 4.27, 23.26
** 491115.10, 3617091.57, 38.72, 4.27, 23.26
** 491133.36, 3616979.73, 27.75, 4.27, 23.26
** 491188.13, 3616824.53, 34.54, 4.27, 23.26
** ----------------------------------------------------------------------
   LOCATION L0009419     VOLUME   491094.187 3618468.158 27.72
   LOCATION L0009420     VOLUME   491105.818 3618420.031 25.39
   LOCATION L0009421     VOLUME   491108.378 3618370.097 26.66
   LOCATION L0009422     VOLUME   491110.416 3618320.151 29.11
   LOCATION L0009423     VOLUME   491109.951 3618270.153 29.33
   LOCATION L0009424     VOLUME   491109.487 3618220.155 31.11
   LOCATION L0009425     VOLUME   491109.023 3618170.158 30.11
   LOCATION L0009426     VOLUME   491108.559 3618120.160 29.00
```

```
   LOCATION L0009427     VOLUME   491108.094 3618070.162 31.59
   LOCATION L0009428     VOLUME   491107.630 3618020.164 35.90
   LOCATION L0009429     VOLUME   491107.166 3617970.166 36.25
   LOCATION L0009430     VOLUME   491106.702 3617920.168 34.55
   LOCATION L0009431     VOLUME   491106.237 3617870.171 37.02
   LOCATION L0009432     VOLUME   491105.773 3617820.173 32.02
   LOCATION L0009433     VOLUME   491105.309 3617770.175 31.78
   LOCATION L0009434     VOLUME   491104.845 3617720.177 35.11
   LOCATION L0009435     VOLUME   491104.380 3617670.179 35.71
   LOCATION L0009436     VOLUME   491103.916 3617620.181 35.65
   LOCATION L0009437     VOLUME   491103.452 3617570.183 35.17
   LOCATION L0009438     VOLUME   491102.988 3617520.186 33.51
   LOCATION L0009439     VOLUME   491102.523 3617470.188 31.48
   LOCATION L0009440     VOLUME   491102.059 3617420.190 31.58
   LOCATION L0009441     VOLUME   491101.595 3617370.192 30.84
   LOCATION L0009442     VOLUME   491102.675 3617320.221 32.79
   LOCATION L0009443     VOLUME   491104.847 3617270.268 31.18
   LOCATION L0009444     VOLUME   491107.019 3617220.315 27.79
   LOCATION L0009445     VOLUME   491109.723 3617170.392 27.91
   LOCATION L0009446     VOLUME   491113.124 3617120.508 29.42
   LOCATION L0009447     VOLUME   491118.480 3617070.849 37.35
   LOCATION L0009448     VOLUME   491126.537 3617021.503 31.95
   LOCATION L0009449     VOLUME   491135.912 3616972.493 27.66
   LOCATION L0009450     VOLUME   491152.553 3616925.344 29.71
   LOCATION L0009451     VOLUME   491169.194 3616878.194 32.12
   LOCATION L0009452     VOLUME   491185.835 3616831.045 34.66
** End of LINE VOLUME Source ID = SLINE19
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE20
** DESCRSRC I-805: 43rd. St. to Plaza Blvd.
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 5.922E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 12
** 491186.59, 3616825.97, 34.47, 4.27, 23.26
** 491238.77, 3616722.09, 35.31, 4.27, 23.26
** 491346.34, 3616585.99, 31.86, 4.27, 23.26
** 491577.34, 3616365.15, 28.76, 4.27, 23.26
** 491696.50, 3616247.13, 32.02, 4.27, 23.26
** 491757.24, 3616170.29, 27.81, 4.27, 23.26
** 491807.00, 3616093.45, 26.89, 4.27, 23.26
** 491868.42, 3615962.64, 26.20, 4.27, 23.26
** 492058.81, 3615517.38, 27.89, 4.27, 23.26
** 492302.79, 3614888.71, 30.72, 4.27, 23.26
** 492627.59, 3613963.11, 18.92, 4.27, 23.26
** 493024.34, 3613390.44, 16.31, 4.27, 23.26
** ----------------------------------------------------------------
   LOCATION L0017743     VOLUME   491197.816 3616803.628 37.87
   LOCATION L0017744     VOLUME   491220.258 3616758.947 37.26
   LOCATION L0017745     VOLUME   491244.200 3616715.222 35.98
   LOCATION L0017746     VOLUME   491275.203 3616675.994 33.60
   LOCATION L0017747     VOLUME   491306.205 3616636.766 31.43
   LOCATION L0017748     VOLUME   491337.208 3616597.538 31.84
   LOCATION L0017749     VOLUME   491371.836 3616561.609 33.84
   LOCATION L0017750     VOLUME   491407.977 3616527.058 33.34
   LOCATION L0017751     VOLUME   491444.118 3616492.506 29.78
   LOCATION L0017752     VOLUME   491480.260 3616457.954 29.73
   LOCATION L0017753     VOLUME   491516.401 3616423.403 28.51
   LOCATION L0017754     VOLUME   491552.542 3616388.851 27.52
   LOCATION L0017755     VOLUME   491588.490 3616354.101 30.47
   LOCATION L0017756     VOLUME   491624.016 3616318.917 31.41
   LOCATION L0017757     VOLUME   491659.541 3616283.733 30.72
   LOCATION L0017758     VOLUME   491695.067 3616248.549 31.58
```

```
   LOCATION L0017759     VOLUME   491726.256 3616209.487 30.68
   LOCATION L0017760     VOLUME   491757.260 3616170.260 28.02
   LOCATION L0017761     VOLUME   491784.439 3616128.292 27.81
   LOCATION L0017762     VOLUME   491810.612 3616085.766 26.64
   LOCATION L0017763     VOLUME   491831.863 3616040.507 25.13
   LOCATION L0017764     VOLUME   491853.115 3615995.248 26.83
   LOCATION L0017765     VOLUME   491873.921 3615949.789 26.47
   LOCATION L0017766     VOLUME   491893.579 3615903.815 26.97
   LOCATION L0017767     VOLUME   491913.237 3615857.842 29.41
   LOCATION L0017768     VOLUME   491932.895 3615811.868 31.43
   LOCATION L0017769     VOLUME   491952.553 3615765.895 30.17
   LOCATION L0017770     VOLUME   491972.211 3615719.921 29.07
   LOCATION L0017771     VOLUME   491991.869 3615673.948 29.25
   LOCATION L0017772     VOLUME   492011.527 3615627.975 30.94
   LOCATION L0017773     VOLUME   492031.185 3615582.001 26.90
   LOCATION L0017774     VOLUME   492050.843 3615536.028 29.08
   LOCATION L0017775     VOLUME   492069.568 3615489.674 26.36
   LOCATION L0017776     VOLUME   492087.658 3615443.061 28.47
   LOCATION L0017777     VOLUME   492105.747 3615396.448 27.59
   LOCATION L0017778     VOLUME   492123.836 3615349.834 26.62
   LOCATION L0017779     VOLUME   492141.925 3615303.221 24.43
   LOCATION L0017780     VOLUME   492160.014 3615256.608 29.60
   LOCATION L0017781     VOLUME   492178.103 3615209.995 33.87
   LOCATION L0017782     VOLUME   492196.192 3615163.382 28.80
   LOCATION L0017783     VOLUME   492214.282 3615116.769 25.34
   LOCATION L0017784     VOLUME   492232.371 3615070.156 26.00
   LOCATION L0017785     VOLUME   492250.460 3615023.543 25.90
   LOCATION L0017786     VOLUME   492268.549 3614976.930 25.91
   LOCATION L0017787     VOLUME   492286.638 3614930.316 28.81
   LOCATION L0017788     VOLUME   492304.563 3614883.642 30.34
   LOCATION L0017789     VOLUME   492321.119 3614836.463 30.87
   LOCATION L0017790     VOLUME   492337.674 3614789.283 32.52
   LOCATION L0017791     VOLUME   492354.230 3614742.104 32.96
   LOCATION L0017792     VOLUME   492370.786 3614694.924 31.21
   LOCATION L0017793     VOLUME   492387.342 3614647.745 30.38
   LOCATION L0017794     VOLUME   492403.898 3614600.565 30.08
   LOCATION L0017795     VOLUME   492420.453 3614553.386 31.03
   LOCATION L0017796     VOLUME   492437.009 3614506.206 33.58
   LOCATION L0017797     VOLUME   492453.565 3614459.027 36.14
   LOCATION L0017798     VOLUME   492470.121 3614411.847 31.86
   LOCATION L0017799     VOLUME   492486.677 3614364.668 29.94
   LOCATION L0017800     VOLUME   492503.232 3614317.488 31.77
   LOCATION L0017801     VOLUME   492519.788 3614270.309 29.01
   LOCATION L0017802     VOLUME   492536.344 3614223.130 27.75
   LOCATION L0017803     VOLUME   492552.900 3614175.950 26.07
   LOCATION L0017804     VOLUME   492569.456 3614128.771 23.19
   LOCATION L0017805     VOLUME   492586.012 3614081.591 22.50
   LOCATION L0017806     VOLUME   492602.567 3614034.412 18.73
   LOCATION L0017807     VOLUME   492619.123 3613987.232 18.43
   LOCATION L0017808     VOLUME   492641.504 3613943.024 19.68
   LOCATION L0017809     VOLUME   492669.978 3613901.924 19.93
   LOCATION L0017810     VOLUME   492698.453 3613860.824 20.31
   LOCATION L0017811     VOLUME   492726.927 3613819.724 20.66
   LOCATION L0017812     VOLUME   492755.401 3613778.624 20.23
   LOCATION L0017813     VOLUME   492783.876 3613737.524 20.79
   LOCATION L0017814     VOLUME   492812.350 3613696.424 18.88
   LOCATION L0017815     VOLUME   492840.824 3613655.324 18.82
   LOCATION L0017816     VOLUME   492869.299 3613614.224 20.19
   LOCATION L0017817     VOLUME   492897.773 3613573.124 20.03
   LOCATION L0017818     VOLUME   492926.248 3613532.024 19.13
   LOCATION L0017819     VOLUME   492954.722 3613490.924 19.95
   LOCATION L0017820     VOLUME   492983.196 3613449.824 18.65
   LOCATION L0017821     VOLUME   493011.671 3613408.724 15.99
** End of LINE VOLUME Source ID = SLINE20
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE21
```

```
** DESCRSRC SR-94: 17th St. to 25th St.
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 2.105E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 5
** 486181.75, 3619506.59, 18.98, 4.27, 23.26
** 486312.84, 3619517.32, 26.08, 4.27, 23.26
** 486448.43, 3619506.58, 36.97, 4.27, 23.26
** 486572.38, 3619500.62, 40.59, 4.27, 23.26
** 486853.64, 3619501.81, 56.42, 4.27, 23.26
** ------------------------------------------------------------------
   LOCATION L0009485     VOLUME   486206.665 3619508.633 21.49
   LOCATION L0009486     VOLUME   486256.499 3619512.711 24.36
   LOCATION L0009487     VOLUME   486306.332 3619516.788 26.30
   LOCATION L0009488     VOLUME   486356.175 3619513.887 30.15
   LOCATION L0009489     VOLUME   486406.018 3619509.937 32.91
   LOCATION L0009490     VOLUME   486455.877 3619506.218 38.98
   LOCATION L0009491     VOLUME   486505.819 3619503.817 44.72
   LOCATION L0009492     VOLUME   486555.761 3619501.416 41.97
   LOCATION L0009493     VOLUME   486605.742 3619500.758 40.38
   LOCATION L0009494     VOLUME   486655.741 3619500.970 44.52
   LOCATION L0009495     VOLUME   486705.741 3619501.182 47.07
   LOCATION L0009496     VOLUME   486755.740 3619501.394 52.61
   LOCATION L0009497     VOLUME   486805.740 3619501.606 55.00
** End of LINE VOLUME Source ID = SLINE21
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE22
** DESCRSRC SR-94: 25th St. to 28th St.
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 2.27E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 2
** 486852.83, 3619500.39, 56.48, 4.27, 23.26
** 487464.24, 3619503.34, 43.45, 4.27, 23.26
** ------------------------------------------------------------------
   LOCATION L0009498     VOLUME   486877.831 3619500.515 56.27
   LOCATION L0009499     VOLUME   486927.830 3619500.756 52.36
   LOCATION L0009500     VOLUME   486977.830 3619500.996 52.99
   LOCATION L0009501     VOLUME   487027.829 3619501.237 53.57
   LOCATION L0009502     VOLUME   487077.829 3619501.477 57.84
   LOCATION L0009503     VOLUME   487127.828 3619501.718 51.35
   LOCATION L0009504     VOLUME   487177.827 3619501.959 50.33
   LOCATION L0009505     VOLUME   487227.827 3619502.199 52.79
   LOCATION L0009506     VOLUME   487277.826 3619502.440 54.61
   LOCATION L0009507     VOLUME   487327.826 3619502.680 58.87
   LOCATION L0009508     VOLUME   487377.825 3619502.921 52.19
   LOCATION L0009509     VOLUME   487427.825 3619503.161 48.28
** End of LINE VOLUME Source ID = SLINE22
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE23
** DESCRSRC SR-94: 28th St. to 32nd Ave.
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 2.548E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 8
** 487463.55, 3619502.56, 43.31, 4.27, 23.26
```

```
** 487571.84, 3619510.12, 47.74, 4.27, 23.26
** 487688.11, 3619522.18, 47.93, 4.27, 23.26
** 487769.93, 3619535.10, 47.98, 4.27, 23.26
** 487845.73, 3619549.74, 52.97, 4.27, 23.26
** 487915.49, 3619568.69, 54.41, 4.27, 23.26
** 488064.83, 3619619.27, 52.45, 4.27, 23.26
** 488176.79, 3619663.19, 45.77, 4.27, 23.26
** ----------------------------------------------------------------
   LOCATION L0009510     VOLUME   487488.493 3619504.298 44.49
   LOCATION L0009511     VOLUME   487538.372 3619507.784 47.28
   LOCATION L0009512     VOLUME   487588.202 3619511.819 48.00
   LOCATION L0009513     VOLUME   487637.935 3619516.977 48.57
   LOCATION L0009514     VOLUME   487687.669 3619522.134 47.68
   LOCATION L0009515     VOLUME   487737.060 3619529.909 47.00
   LOCATION L0009516     VOLUME   487786.349 3619538.271 48.70
   LOCATION L0009517     VOLUME   487835.442 3619547.754 51.85
   LOCATION L0009518     VOLUME   487883.870 3619560.101 52.22
   LOCATION L0009519     VOLUME   487931.813 3619574.218 54.10
   LOCATION L0009520     VOLUME   487979.171 3619590.257 54.06
   LOCATION L0009521     VOLUME   488026.528 3619606.296 51.99
   LOCATION L0009522     VOLUME   488073.731 3619622.760 52.91
   LOCATION L0009523     VOLUME   488120.277 3619641.021 53.90
   LOCATION L0009524     VOLUME   488166.823 3619659.281 47.86
** End of LINE VOLUME Source ID = SLINE23
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE24
** DESCRSRC SR-94: 32nd St. to I-15
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 2.629E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 3
** 488177.94, 3619661.53, 45.65, 4.27, 23.26
** 488482.89, 3619779.06, 33.50, 4.27, 23.26
** 488954.42, 3619906.48, 22.78, 4.27, 23.26
** ----------------------------------------------------------------
   LOCATION L0009525     VOLUME   488201.266 3619670.519 44.61
   LOCATION L0009526     VOLUME   488247.921 3619688.500 41.11
   LOCATION L0009527     VOLUME   488294.576 3619706.480 37.53
   LOCATION L0009528     VOLUME   488341.231 3619724.460 36.80
   LOCATION L0009529     VOLUME   488387.886 3619742.441 35.05
   LOCATION L0009530     VOLUME   488434.542 3619760.421 34.16
   LOCATION L0009531     VOLUME   488481.197 3619778.402 32.23
   LOCATION L0009532     VOLUME   488529.407 3619791.625 31.99
   LOCATION L0009533     VOLUME   488577.675 3619804.668 28.84
   LOCATION L0009534     VOLUME   488625.944 3619817.712 30.89
   LOCATION L0009535     VOLUME   488674.213 3619830.755 29.93
   LOCATION L0009536     VOLUME   488722.482 3619843.799 30.32
   LOCATION L0009537     VOLUME   488770.750 3619856.842 28.65
   LOCATION L0009538     VOLUME   488819.019 3619869.886 27.68
   LOCATION L0009539     VOLUME   488867.288 3619882.929 26.61
   LOCATION L0009540     VOLUME   488915.556 3619895.973 23.62
** End of LINE VOLUME Source ID = SLINE24
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE25
** DESCRSRC SR-94: I-15 to Home Ave.
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 2.619E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 5
```

```
** 488954.04, 3619906.68, 22.77, 4.27, 23.26
** 489308.27, 3619981.19, 26.78, 4.27, 23.26
** 489557.49, 3620042.26, 28.39, 4.27, 23.26
** 489621.86, 3620053.81, 33.88, 4.27, 23.26
** 489644.97, 3620055.46, 34.12, 4.27, 23.26
** ----------------------------------------------------------------------
   LOCATION L0009541     VOLUME   488978.503 3619911.828 23.70
   LOCATION L0009542     VOLUME   489027.432 3619922.120 25.99
   LOCATION L0009543     VOLUME   489076.361 3619932.412 25.41
   LOCATION L0009544     VOLUME   489125.291 3619942.705 27.00
   LOCATION L0009545     VOLUME   489174.220 3619952.997 25.45
   LOCATION L0009546     VOLUME   489223.149 3619963.289 23.49
   LOCATION L0009547     VOLUME   489272.078 3619973.581 25.86
   LOCATION L0009548     VOLUME   489320.913 3619984.291 28.65
   LOCATION L0009549     VOLUME   489369.476 3619996.191 29.62
   LOCATION L0009550     VOLUME   489418.039 3620008.090 27.32
   LOCATION L0009551     VOLUME   489466.603 3620019.990 27.41
   LOCATION L0009552     VOLUME   489515.166 3620031.890 28.28
   LOCATION L0009553     VOLUME   489563.813 3620043.396 28.34
   LOCATION L0009554     VOLUME   489613.026 3620052.229 32.72
** End of LINE VOLUME Source ID = SLINE25
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE26
** DESCRSRC SR-94; Home Ave. to I-805
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 2.668E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
** Nodes = 8
** 489643.55, 3620056.00, 33.99, 4.27, 23.26
** 489751.29, 3620050.78, 39.90, 4.27, 23.26
** 489842.83, 3620045.49, 37.90, 4.27, 23.26
** 489928.55, 3620051.84, 39.12, 4.27, 23.26
** 490010.25, 3620066.37, 39.31, 4.27, 23.26
** 490215.56, 3620119.61, 44.64, 4.27, 23.26
** 490297.42, 3620135.12, 45.79, 4.27, 23.26
** 490364.63, 3620144.60, 43.81, 4.27, 23.26
** ----------------------------------------------------------------------
   LOCATION L0009555     VOLUME   489668.516 3620054.793 34.80
   LOCATION L0009556     VOLUME   489718.458 3620052.371 37.83
   LOCATION L0009557     VOLUME   489768.391 3620049.790 40.59
   LOCATION L0009558     VOLUME   489818.307 3620046.904 39.87
   LOCATION L0009559     VOLUME   489868.197 3620047.366 36.32
   LOCATION L0009560     VOLUME   489918.060 3620051.060 38.86
   LOCATION L0009561     VOLUME   489967.421 3620058.753 38.62
   LOCATION L0009562     VOLUME   490016.540 3620068.004 40.03
   LOCATION L0009563     VOLUME   490064.940 3620080.554 41.55
   LOCATION L0009564     VOLUME   490113.339 3620093.103 43.99
   LOCATION L0009565     VOLUME   490161.739 3620105.652 44.38
   LOCATION L0009566     VOLUME   490210.138 3620118.202 44.01
   LOCATION L0009567     VOLUME   490259.183 3620127.873 43.79
   LOCATION L0009568     VOLUME   490308.394 3620136.665 46.72
   LOCATION L0009569     VOLUME   490357.904 3620143.647 45.43
** End of LINE VOLUME Source ID = SLINE26
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE27
** DESCRSRC SR-94: I-805 to 47th St.
** PREFIX
** Length of Side = 50.00
** Configuration = Adjacent
** Emission Rate = 3.441E-06
** Vertical Dimension = 50.00
** SZINIT = 23.26
```

```
** Nodes = 25
** 490365.93, 3620144.46, 43.75, 4.27, 23.26
** 490937.08, 3620150.06, 66.83, 4.27, 23.26
** 491008.06, 3620145.11, 70.10, 4.27, 23.26
** 491062.54, 3620130.25, 66.51, 4.27, 23.26
** 491097.20, 3620122.00, 65.91, 4.27, 23.26
** 491229.26, 3620067.53, 66.98, 4.27, 23.26
** 491304.79, 3620036.54, 64.00, 4.27, 23.26
** 491395.43, 3620018.65, 62.07, 4.27, 23.26
** 491668.55, 3620012.69, 63.93, 4.27, 23.26
** 491906.53, 3620009.15, 61.04, 4.27, 23.26
** 491964.73, 3620014.88, 62.57, 4.27, 23.26
** 492202.48, 3620092.16, 59.47, 4.27, 23.26
** 492284.94, 3620151.42, 62.28, 4.27, 23.26
** 492345.68, 3620201.50, 60.51, 4.27, 23.26
** 492570.51, 3620407.16, 61.80, 4.27, 23.26
** 493277.95, 3621022.23, 75.51, 4.27, 23.26
** 493750.25, 3621237.05, 84.99, 4.27, 23.26
** 493986.22, 3621345.34, 92.91, 4.27, 23.26
** 494145.03, 3621456.86, 95.76, 4.27, 23.26
** 494305.13, 3621585.91, 98.95, 4.27, 23.26
** 494469.98, 3621735.89, 105.51, 4.27, 23.26
** 494584.17, 3621874.49, 113.79, 4.27, 23.26
** 494787.60, 3622147.30, 114.69, 4.27, 23.26
** 495089.80, 3622524.73, 122.49, 4.27, 23.26
** 495324.17, 3622742.65, 130.83, 4.27, 23.26
** ------------------------------------------------------------------
   LOCATION L0017366     VOLUME   490390.934 3620144.705 44.38
   LOCATION L0017367     VOLUME   490440.931 3620145.195 49.60
   LOCATION L0017368     VOLUME   490490.929 3620145.686 54.62
   LOCATION L0017369     VOLUME   490540.926 3620146.176 57.00
   LOCATION L0017370     VOLUME   490590.924 3620146.666 56.92
   LOCATION L0017371     VOLUME   490640.922 3620147.157 59.79
   LOCATION L0017372     VOLUME   490690.919 3620147.647 62.51
   LOCATION L0017373     VOLUME   490740.917 3620148.138 65.85
   LOCATION L0017374     VOLUME   490790.914 3620148.628 67.23
   LOCATION L0017375     VOLUME   490840.912 3620149.118 64.27
   LOCATION L0017376     VOLUME   490890.910 3620149.609 64.68
   LOCATION L0017377     VOLUME   490940.898 3620149.795 66.36
   LOCATION L0017378     VOLUME   490990.777 3620146.315 68.38
   LOCATION L0017379     VOLUME   491039.584 3620136.512 67.31
   LOCATION L0017380     VOLUME   491088.033 3620124.182 65.66
   LOCATION L0017381     VOLUME   491134.710 3620106.526 64.06
   LOCATION L0017382     VOLUME   491180.932 3620087.460 67.09
   LOCATION L0017383     VOLUME   491227.154 3620068.393 66.63
   LOCATION L0017384     VOLUME   491273.411 3620049.413 64.53
   LOCATION L0017385     VOLUME   491320.570 3620033.427 63.72
   LOCATION L0017386     VOLUME   491369.623 3620023.745 62.02
   LOCATION L0017387     VOLUME   491419.120 3620018.135 61.98
   LOCATION L0017388     VOLUME   491469.108 3620017.043 61.70
   LOCATION L0017389     VOLUME   491519.096 3620015.952 61.40
   LOCATION L0017390     VOLUME   491569.084 3620014.860 61.23
   LOCATION L0017391     VOLUME   491619.072 3620013.769 62.73
   LOCATION L0017392     VOLUME   491669.060 3620012.681 64.15
   LOCATION L0017393     VOLUME   491719.055 3620011.937 62.69
   LOCATION L0017394     VOLUME   491769.049 3620011.194 60.06
   LOCATION L0017395     VOLUME   491819.044 3620010.450 64.92
   LOCATION L0017396     VOLUME   491869.038 3620009.706 63.35
   LOCATION L0017397     VOLUME   491918.974 3620010.373 61.29
   LOCATION L0017398     VOLUME   491968.556 3620016.121 62.35
   LOCATION L0017399     VOLUME   492016.106 3620031.578 62.30
   LOCATION L0017400     VOLUME   492063.657 3620047.035 66.32
   LOCATION L0017401     VOLUME   492111.208 3620062.492 62.13
   LOCATION L0017402     VOLUME   492158.759 3620077.949 58.13
   LOCATION L0017403     VOLUME   492205.750 3620094.511 58.75
   LOCATION L0017404     VOLUME   492246.353 3620123.690 61.04
   LOCATION L0017405     VOLUME   492286.856 3620152.999 62.51
```

```
LOCATION L0017406     VOLUME   492325.432 3620184.810 62.06
LOCATION L0017407     VOLUME   492363.208 3620217.540 60.70
LOCATION L0017408     VOLUME   492400.102 3620251.287 62.02
LOCATION L0017409     VOLUME   492436.995 3620285.034 61.06
LOCATION L0017410     VOLUME   492473.889 3620318.781 60.35
LOCATION L0017411     VOLUME   492510.782 3620352.529 61.19
LOCATION L0017412     VOLUME   492547.676 3620386.276 61.48
LOCATION L0017413     VOLUME   492584.889 3620419.664 62.47
LOCATION L0017414     VOLUME   492622.622 3620452.470 63.62
LOCATION L0017415     VOLUME   492660.355 3620485.276 65.32
LOCATION L0017416     VOLUME   492698.088 3620518.082 64.22
LOCATION L0017417     VOLUME   492735.821 3620550.888 64.48
LOCATION L0017418     VOLUME   492773.554 3620583.694 65.18
LOCATION L0017419     VOLUME   492811.286 3620616.500 65.85
LOCATION L0017420     VOLUME   492849.019 3620649.306 67.84
LOCATION L0017421     VOLUME   492886.752 3620682.112 70.21
LOCATION L0017422     VOLUME   492924.485 3620714.918 72.27
LOCATION L0017423     VOLUME   492962.218 3620747.724 68.70
LOCATION L0017424     VOLUME   492999.951 3620780.530 74.45
LOCATION L0017425     VOLUME   493037.683 3620813.336 79.39
LOCATION L0017426     VOLUME   493075.416 3620846.142 76.29
LOCATION L0017427     VOLUME   493113.149 3620878.948 76.31
LOCATION L0017428     VOLUME   493150.882 3620911.754 75.19
LOCATION L0017429     VOLUME   493188.615 3620944.560 78.67
LOCATION L0017430     VOLUME   493226.348 3620977.366 80.61
LOCATION L0017431     VOLUME   493264.080 3621010.172 78.07
LOCATION L0017432     VOLUME   493306.734 3621035.321 77.61
LOCATION L0017433     VOLUME   493352.248 3621056.023 77.35
LOCATION L0017434     VOLUME   493397.761 3621076.724 81.61
LOCATION L0017435     VOLUME   493443.274 3621097.425 82.72
LOCATION L0017436     VOLUME   493488.788 3621118.127 80.20
LOCATION L0017437     VOLUME   493534.301 3621138.828 82.88
LOCATION L0017438     VOLUME   493579.814 3621159.529 81.53
LOCATION L0017439     VOLUME   493625.327 3621180.230 82.21
LOCATION L0017440     VOLUME   493670.841 3621200.932 84.61
LOCATION L0017441     VOLUME   493716.354 3621221.633 83.24
LOCATION L0017442     VOLUME   493761.849 3621242.373 85.53
LOCATION L0017443     VOLUME   493807.293 3621263.227 88.62
LOCATION L0017444     VOLUME   493852.736 3621284.081 89.13
LOCATION L0017445     VOLUME   493898.180 3621304.935 90.01
LOCATION L0017446     VOLUME   493943.623 3621325.790 90.78
LOCATION L0017447     VOLUME   493988.783 3621347.137 90.32
LOCATION L0017448     VOLUME   494029.702 3621375.871 90.88
LOCATION L0017449     VOLUME   494070.621 3621404.606 94.37
LOCATION L0017450     VOLUME   494111.539 3621433.340 95.68
LOCATION L0017451     VOLUME   494152.096 3621462.555 97.35
LOCATION L0017452     VOLUME   494191.024 3621493.934 100.19
LOCATION L0017453     VOLUME   494229.951 3621525.313 100.41
LOCATION L0017454     VOLUME   494268.879 3621556.692 100.99
LOCATION L0017455     VOLUME   494307.673 3621588.227 100.93
LOCATION L0017456     VOLUME   494344.657 3621621.874 104.22
LOCATION L0017457     VOLUME   494381.642 3621655.522 104.60
LOCATION L0017458     VOLUME   494418.626 3621689.169 105.88
LOCATION L0017459     VOLUME   494455.611 3621722.816 106.48
LOCATION L0017460     VOLUME   494489.421 3621759.486 108.28
LOCATION L0017461     VOLUME   494521.214 3621798.076 112.23
LOCATION L0017462     VOLUME   494553.007 3621836.666 113.15
LOCATION L0017463     VOLUME   494584.762 3621875.286 112.76
LOCATION L0017464     VOLUME   494614.651 3621915.369 113.63
LOCATION L0017465     VOLUME   494644.541 3621955.452 112.51
LOCATION L0017466     VOLUME   494674.430 3621995.535 110.99
LOCATION L0017467     VOLUME   494704.319 3622035.618 111.54
LOCATION L0017468     VOLUME   494734.208 3622075.701 109.84
LOCATION L0017469     VOLUME   494764.097 3622115.784 111.10
LOCATION L0017470     VOLUME   494794.278 3622155.642 114.24
LOCATION L0017471     VOLUME   494825.528 3622194.672 113.45
LOCATION L0017472     VOLUME   494856.779 3622233.703 112.54
```

```
   LOCATION L0017473     VOLUME   494888.030 3622272.734 111.09
   LOCATION L0017474     VOLUME   494919.280 3622311.764 112.90
   LOCATION L0017475     VOLUME   494950.531 3622350.795 114.67
   LOCATION L0017476     VOLUME   494981.782 3622389.826 113.87
   LOCATION L0017477     VOLUME   495013.033 3622428.856 116.21
   LOCATION L0017478     VOLUME   495044.283 3622467.887 118.83
   LOCATION L0017479     VOLUME   495075.534 3622506.918 121.26
   LOCATION L0017480     VOLUME   495109.702 3622543.239 122.05
   LOCATION L0017481     VOLUME   495146.319 3622577.286 120.87
   LOCATION L0017482     VOLUME   495182.937 3622611.332 120.37
   LOCATION L0017483     VOLUME   495219.554 3622645.379 125.81
   LOCATION L0017484     VOLUME   495256.171 3622679.425 126.26
   LOCATION L0017485     VOLUME   495292.789 3622713.472 128.90
** End of LINE VOLUME Source ID = SLINE27
** Source Parameters **
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0017541     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017542     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017543     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017544     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017545     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017546     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017547     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017548     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017549     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017550     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017551     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017552     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017553     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017554     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017555     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017556     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017557     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017558     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017559     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017560     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017561     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017562     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017563     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017564     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017565     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017566     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017567     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017568     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017569     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017570     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017571     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017572     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017573     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017574     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017575     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017576     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017577     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017578     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017579     0.00000007305      4.27     23.26     23.26
   SRCPARAM L0017580     0.00000007305      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0009124     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009125     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009126     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009127     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009128     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009129     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009130     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009131     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009132     0.0000001622      4.27     23.26     23.26
```

```
   SRCPARAM L0009133     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009134     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009135     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009136     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009137     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009138     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009139     0.0000001622      4.27     23.26     23.26
   SRCPARAM L0009140     0.0000001622      4.27     23.26     23.26
** ----------------------------------------------------------------
** LINE VOLUME Source ID = SLINE7
   SRCPARAM L0017822     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017823     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017824     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017825     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017826     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017827     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017828     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017829     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017830     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017831     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017832     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017833     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017834     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017835     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017836     0.0000001731      4.27     23.26     23.26
   SRCPARAM L0017837     0.0000001731      4.27     23.26     23.26
** ----------------------------------------------------------------
** LINE VOLUME Source ID = SLINE8
   SRCPARAM L0009157     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009158     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009159     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009160     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009161     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009162     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009163     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009164     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009165     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009166     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009167     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009168     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009169     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009170     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009171     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009172     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009173     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009174     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009175     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009176     0.0000001377      4.27     23.26     23.26
   SRCPARAM L0009177     0.0000001377      4.27     23.26     23.26
** ----------------------------------------------------------------
** LINE VOLUME Source ID = SLINE9
   SRCPARAM L0009178     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009179     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009180     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009181     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009182     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009183     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009184     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009185     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009186     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009187     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009188     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009189     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009190     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009191     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009192     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009193     0.0000001359      4.27     23.26     23.26
```

```
   SRCPARAM L0009194     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009195     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009196     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009197     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009198     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009199     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009200     0.0000001359      4.27     23.26     23.26
   SRCPARAM L0009201     0.0000001359      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE10
   SRCPARAM L0017581     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017582     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017583     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017584     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017585     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017586     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017587     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017588     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017589     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017590     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017591     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017592     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017593     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017594     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017595     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017596     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017597     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017598     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017599     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017600     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017601     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017602     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017603     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017604     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017605     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017606     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017607     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017608     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017609     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017610     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017611     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017612     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017613     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017614     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017615     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017616     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017617     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017618     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017619     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017620     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017621     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017622     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017623     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017624     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017625     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017626     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017627     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017628     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017629     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017630     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017631     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017632     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017633     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017634     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017635     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017636     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017637     0.00000004103      4.27     23.26     23.26
```

```
   SRCPARAM L0017638     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017639     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017640     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017641     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017642     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017643     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017644     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017645     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017646     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017647     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017648     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017649     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017650     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017651     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017652     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017653     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017654     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017655     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017656     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017657     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017658     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017659     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017660     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017661     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017662     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017663     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017664     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017665     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017666     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017667     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017668     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017669     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017670     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017671     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017672     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017673     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017674     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017675     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017676     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017677     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017678     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017679     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017680     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017681     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017682     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017683     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017684     0.00000004103      4.27     23.26     23.26
   SRCPARAM L0017685     0.00000004103      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE11
   SRCPARAM L0017686     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017687     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017688     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017689     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017690     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017691     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017692     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017693     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017694     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017695     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017696     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017697     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017698     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017699     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017700     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017701     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017702     0.00000001568      4.27     23.26     23.26
```

```
   SRCPARAM L0017703     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017704     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017705     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017706     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017707     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017708     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017709     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017710     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017711     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017712     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017713     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017714     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017715     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017716     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017717     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017718     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017719     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017720     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017721     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017722     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017723     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017724     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017725     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017726     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017727     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017728     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017729     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017730     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017731     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017732     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017733     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017734     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017735     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017736     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017737     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017738     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017739     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017740     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017741     0.00000001568      4.27     23.26     23.26
   SRCPARAM L0017742     0.00000001568      4.27     23.26     23.26
** ----------------------------------------------------------------
** LINE VOLUME Source ID = SLINE12
   SRCPARAM L0009279     0.0000001693      4.27     23.26     23.26
   SRCPARAM L0009280     0.0000001693      4.27     23.26     23.26
   SRCPARAM L0009281     0.0000001693      4.27     23.26     23.26
   SRCPARAM L0009282     0.0000001693      4.27     23.26     23.26
   SRCPARAM L0009283     0.0000001693      4.27     23.26     23.26
   SRCPARAM L0009284     0.0000001693      4.27     23.26     23.26
   SRCPARAM L0009285     0.0000001693      4.27     23.26     23.26
   SRCPARAM L0009286     0.0000001693      4.27     23.26     23.26
   SRCPARAM L0009287     0.0000001693      4.27     23.26     23.26
   SRCPARAM L0009288     0.0000001693      4.27     23.26     23.26
   SRCPARAM L0009289     0.0000001693      4.27     23.26     23.26
   SRCPARAM L0009290     0.0000001693      4.27     23.26     23.26
** ----------------------------------------------------------------
** LINE VOLUME Source ID = SLINE13
   SRCPARAM L0009310     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009311     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009312     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009313     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009314     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009315     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009316     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009317     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009318     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009319     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009320     0.00000009604      4.27     23.26     23.26
```

```
   SRCPARAM L0009321     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009322     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009323     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009324     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009325     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009326     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009327     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009328     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009329     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009330     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009331     0.00000009604      4.27     23.26     23.26
   SRCPARAM L0009332     0.00000009604      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE14
   SRCPARAM L0009333     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009334     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009335     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009336     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009337     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009338     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009339     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009340     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009341     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009342     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009343     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009344     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009345     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009346     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009347     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009348     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009349     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009350     0.0000001097      4.27     23.26     23.26
   SRCPARAM L0009351     0.0000001097      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE15
   SRCPARAM L0009352     0.00000003681      4.27     23.26     23.26
   SRCPARAM L0009353     0.00000003681      4.27     23.26     23.26
   SRCPARAM L0009354     0.00000003681      4.27     23.26     23.26
   SRCPARAM L0009355     0.00000003681      4.27     23.26     23.26
   SRCPARAM L0009356     0.00000003681      4.27     23.26     23.26
   SRCPARAM L0009357     0.00000003681      4.27     23.26     23.26
   SRCPARAM L0009358     0.00000003681      4.27     23.26     23.26
   SRCPARAM L0009359     0.00000003681      4.27     23.26     23.26
   SRCPARAM L0009360     0.00000003681      4.27     23.26     23.26
   SRCPARAM L0009361     0.00000003681      4.27     23.26     23.26
   SRCPARAM L0009362     0.00000003681      4.27     23.26     23.26
   SRCPARAM L0009363     0.00000003681      4.27     23.26     23.26
   SRCPARAM L0009364     0.00000003681      4.27     23.26     23.26
   SRCPARAM L0009365     0.00000003681      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE16
   SRCPARAM L0017486     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017487     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017488     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017489     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017490     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017491     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017492     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017493     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017494     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017495     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017496     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017497     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017498     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017499     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017500     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017501     0.00000009071      4.27     23.26     23.26
```

```
   SRCPARAM L0017502     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017503     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017504     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017505     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017506     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017507     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017508     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017509     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017510     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017511     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017512     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017513     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017514     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017515     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017516     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017517     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017518     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017519     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017520     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017521     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017522     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017523     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017524     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017525     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017526     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017527     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017528     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017529     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017530     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017531     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017532     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017533     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017534     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017535     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017536     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017537     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017538     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017539     0.00000009071      4.27     23.26     23.26
   SRCPARAM L0017540     0.00000009071      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE17
   SRCPARAM L0009381     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009382     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009383     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009384     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009385     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009386     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009387     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009388     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009389     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009390     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009391     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009392     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009393     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009394     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009395     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009396     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009397     0.0000002704      4.27     23.26     23.26
   SRCPARAM L0009398     0.0000002704      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE18
   SRCPARAM L0009399     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009400     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009401     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009402     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009403     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009404     0.0000003081      4.27     23.26     23.26
```

```
   SRCPARAM L0009405     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009406     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009407     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009408     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009409     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009410     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009411     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009412     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009413     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009414     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009415     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009416     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009417     0.0000003081      4.27     23.26     23.26
   SRCPARAM L0009418     0.0000003081      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE19
   SRCPARAM L0009419     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009420     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009421     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009422     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009423     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009424     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009425     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009426     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009427     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009428     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009429     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009430     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009431     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009432     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009433     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009434     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009435     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009436     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009437     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009438     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009439     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009440     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009441     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009442     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009443     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009444     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009445     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009446     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009447     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009448     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009449     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009450     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009451     0.0000001773      4.27     23.26     23.26
   SRCPARAM L0009452     0.0000001773      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE20
   SRCPARAM L0017743     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017744     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017745     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017746     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017747     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017748     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017749     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017750     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017751     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017752     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017753     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017754     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017755     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017756     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017757     0.00000007496      4.27     23.26     23.26
```

```
   SRCPARAM L0017758     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017759     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017760     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017761     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017762     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017763     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017764     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017765     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017766     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017767     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017768     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017769     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017770     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017771     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017772     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017773     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017774     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017775     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017776     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017777     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017778     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017779     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017780     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017781     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017782     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017783     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017784     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017785     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017786     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017787     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017788     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017789     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017790     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017791     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017792     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017793     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017794     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017795     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017796     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017797     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017798     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017799     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017800     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017801     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017802     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017803     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017804     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017805     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017806     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017807     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017808     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017809     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017810     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017811     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017812     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017813     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017814     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017815     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017816     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017817     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017818     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017819     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017820     0.00000007496      4.27     23.26     23.26
   SRCPARAM L0017821     0.00000007496      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE21
   SRCPARAM L0009485     0.0000001619      4.27     23.26     23.26
```

```
   SRCPARAM L0009486     0.0000001619      4.27     23.26     23.26
   SRCPARAM L0009487     0.0000001619      4.27     23.26     23.26
   SRCPARAM L0009488     0.0000001619      4.27     23.26     23.26
   SRCPARAM L0009489     0.0000001619      4.27     23.26     23.26
   SRCPARAM L0009490     0.0000001619      4.27     23.26     23.26
   SRCPARAM L0009491     0.0000001619      4.27     23.26     23.26
   SRCPARAM L0009492     0.0000001619      4.27     23.26     23.26
   SRCPARAM L0009493     0.0000001619      4.27     23.26     23.26
   SRCPARAM L0009494     0.0000001619      4.27     23.26     23.26
   SRCPARAM L0009495     0.0000001619      4.27     23.26     23.26
   SRCPARAM L0009496     0.0000001619      4.27     23.26     23.26
   SRCPARAM L0009497     0.0000001619      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE22
   SRCPARAM L0009498     0.0000001892      4.27     23.26     23.26
   SRCPARAM L0009499     0.0000001892      4.27     23.26     23.26
   SRCPARAM L0009500     0.0000001892      4.27     23.26     23.26
   SRCPARAM L0009501     0.0000001892      4.27     23.26     23.26
   SRCPARAM L0009502     0.0000001892      4.27     23.26     23.26
   SRCPARAM L0009503     0.0000001892      4.27     23.26     23.26
   SRCPARAM L0009504     0.0000001892      4.27     23.26     23.26
   SRCPARAM L0009505     0.0000001892      4.27     23.26     23.26
   SRCPARAM L0009506     0.0000001892      4.27     23.26     23.26
   SRCPARAM L0009507     0.0000001892      4.27     23.26     23.26
   SRCPARAM L0009508     0.0000001892      4.27     23.26     23.26
   SRCPARAM L0009509     0.0000001892      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE23
   SRCPARAM L0009510     0.0000001699      4.27     23.26     23.26
   SRCPARAM L0009511     0.0000001699      4.27     23.26     23.26
   SRCPARAM L0009512     0.0000001699      4.27     23.26     23.26
   SRCPARAM L0009513     0.0000001699      4.27     23.26     23.26
   SRCPARAM L0009514     0.0000001699      4.27     23.26     23.26
   SRCPARAM L0009515     0.0000001699      4.27     23.26     23.26
   SRCPARAM L0009516     0.0000001699      4.27     23.26     23.26
   SRCPARAM L0009517     0.0000001699      4.27     23.26     23.26
   SRCPARAM L0009518     0.0000001699      4.27     23.26     23.26
   SRCPARAM L0009519     0.0000001699      4.27     23.26     23.26
   SRCPARAM L0009520     0.0000001699      4.27     23.26     23.26
   SRCPARAM L0009521     0.0000001699      4.27     23.26     23.26
   SRCPARAM L0009522     0.0000001699      4.27     23.26     23.26
   SRCPARAM L0009523     0.0000001699      4.27     23.26     23.26
   SRCPARAM L0009524     0.0000001699      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE24
   SRCPARAM L0009525     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009526     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009527     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009528     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009529     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009530     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009531     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009532     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009533     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009534     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009535     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009536     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009537     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009538     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009539     0.0000001643      4.27     23.26     23.26
   SRCPARAM L0009540     0.0000001643      4.27     23.26     23.26
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE25
   SRCPARAM L0009541     0.0000001871      4.27     23.26     23.26
   SRCPARAM L0009542     0.0000001871      4.27     23.26     23.26
   SRCPARAM L0009543     0.0000001871      4.27     23.26     23.26
   SRCPARAM L0009544     0.0000001871      4.27     23.26     23.26
```

```
   SRCPARAM L0009545     0.0000001871      4.27     23.26     23.26
   SRCPARAM L0009546     0.0000001871      4.27     23.26     23.26
   SRCPARAM L0009547     0.0000001871      4.27     23.26     23.26
   SRCPARAM L0009548     0.0000001871      4.27     23.26     23.26
   SRCPARAM L0009549     0.0000001871      4.27     23.26     23.26
   SRCPARAM L0009550     0.0000001871      4.27     23.26     23.26
   SRCPARAM L0009551     0.0000001871      4.27     23.26     23.26
   SRCPARAM L0009552     0.0000001871      4.27     23.26     23.26
   SRCPARAM L0009553     0.0000001871      4.27     23.26     23.26
   SRCPARAM L0009554     0.0000001871      4.27     23.26     23.26
** ----------------------------------------------------------------
** LINE VOLUME Source ID = SLINE26
   SRCPARAM L0009555     0.0000001779      4.27     23.26     23.26
   SRCPARAM L0009556     0.0000001779      4.27     23.26     23.26
   SRCPARAM L0009557     0.0000001779      4.27     23.26     23.26
   SRCPARAM L0009558     0.0000001779      4.27     23.26     23.26
   SRCPARAM L0009559     0.0000001779      4.27     23.26     23.26
   SRCPARAM L0009560     0.0000001779      4.27     23.26     23.26
   SRCPARAM L0009561     0.0000001779      4.27     23.26     23.26
   SRCPARAM L0009562     0.0000001779      4.27     23.26     23.26
   SRCPARAM L0009563     0.0000001779      4.27     23.26     23.26
   SRCPARAM L0009564     0.0000001779      4.27     23.26     23.26
   SRCPARAM L0009565     0.0000001779      4.27     23.26     23.26
   SRCPARAM L0009566     0.0000001779      4.27     23.26     23.26
   SRCPARAM L0009567     0.0000001779      4.27     23.26     23.26
   SRCPARAM L0009568     0.0000001779      4.27     23.26     23.26
   SRCPARAM L0009569     0.0000001779      4.27     23.26     23.26
** ----------------------------------------------------------------
** LINE VOLUME Source ID = SLINE27
   SRCPARAM L0017366     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017367     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017368     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017369     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017370     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017371     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017372     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017373     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017374     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017375     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017376     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017377     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017378     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017379     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017380     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017381     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017382     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017383     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017384     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017385     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017386     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017387     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017388     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017389     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017390     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017391     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017392     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017393     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017394     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017395     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017396     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017397     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017398     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017399     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017400     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017401     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017402     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017403     0.00000002868      4.27     23.26     23.26
```

```
SRCPARAM L0017404     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017405     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017406     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017407     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017408     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017409     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017410     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017411     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017412     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017413     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017414     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017415     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017416     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017417     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017418     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017419     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017420     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017421     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017422     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017423     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017424     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017425     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017426     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017427     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017428     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017429     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017430     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017431     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017432     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017433     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017434     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017435     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017436     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017437     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017438     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017439     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017440     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017441     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017442     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017443     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017444     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017445     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017446     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017447     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017448     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017449     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017450     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017451     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017452     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017453     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017454     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017455     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017456     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017457     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017458     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017459     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017460     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017461     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017462     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017463     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017464     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017465     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017466     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017467     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017468     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017469     0.00000002868      4.27     23.26     23.26
SRCPARAM L0017470     0.00000002868      4.27     23.26     23.26
```

```
   SRCPARAM L0017471     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017472     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017473     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017474     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017475     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017476     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017477     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017478     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017479     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017480     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017481     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017482     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017483     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017484     0.00000002868      4.27     23.26     23.26
   SRCPARAM L0017485     0.00000002868      4.27     23.26     23.26
** ------------------------------------------------------------------
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED SE-EN-2035_Flat.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "..\..\AERMET\Meteorology\New Data (AERMET 11059)\SANNKXCB.SFC"
   PROFFILE "..\..\AERMET\Meteorology\New Data (AERMET 11059)\SANNKXCB.PFL"
   SURFDATA 23188 2006 SAN_DIEGO/LINDBERGH_FIELD
   UAIRDATA 3190 2006
   PROFBASE 0.1 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST SE-EN-2035_FLAT.AD\24H1GALL.PLT 31
   PLOTFILE ANNUAL ALL SE-EN-2035_FLAT.AD\AN00GALL.PLT 32
   SUMMFILE SE-EN-2035_Flat.sum
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


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

```
   ********   WARNING MESSAGES   ********
ME W396    2117 MEOPEN:Met data from outdated version of AERMET, version:       11059

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

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

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

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

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

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:
       1. Stack-tip Downwash.
       2. Model Accounts for ELEVated Terrain Effects.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 24-HR
    and Calculates ANNUAL Averages

**This Run Includes: 759 Source(s);   1 Source Group(s); and   4200 Receptor(s)

**The Model Assumes A Pollutant Type of: PM_2.5

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

**Output Options Selected:
        Model Outputs Tables of ANNUAL Averages by Receptor
        Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
        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) =   0.10 ; 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 =   4.3 MB of RAM.

**Detailed Error/Message File: SE-EN-2035_Flat.err
**File for Summary of Results: SE-EN-2035_Flat.sum

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** 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
L0017541	0	0.73050E-07	485115.7	3620630.3	48.2	4.27	23.26	23.26	NO	
L0017542	0	0.73050E-07	485162.2	3620648.7	49.4	4.27	23.26	23.26	NO	
L0017543	0	0.73050E-07	485208.7	3620667.0	43.5	4.27	23.26	23.26	NO	
L0017544	0	0.73050E-07	485255.2	3620685.3	40.8	4.27	23.26	23.26	NO	
L0017545	0	0.73050E-07	485303.8	3620696.8	48.0	4.27	23.26	23.26	NO	
L0017546	0	0.73050E-07	485352.7	3620707.5	52.1	4.27	23.26	23.26	NO	
L0017547	0	0.73050E-07	485401.5	3620718.1	49.8	4.27	23.26	23.26	NO	
L0017548	0	0.73050E-07	485451.0	3620724.0	45.8	4.27	23.26	23.26	NO	
L0017549	0	0.73050E-07	485501.0	3620725.7	46.7	4.27	23.26	23.26	NO	
L0017550	0	0.73050E-07	485550.9	3620727.3	52.8	4.27	23.26	23.26	NO	
L0017551	0	0.73050E-07	485600.9	3620729.0	59.0	4.27	23.26	23.26	NO	
L0017552	0	0.73050E-07	485650.9	3620730.6	58.3	4.27	23.26	23.26	NO	
L0017553	0	0.73050E-07	485700.7	3620726.7	56.6	4.27	23.26	23.26	NO	
L0017554	0	0.73050E-07	485750.4	3620721.7	57.6	4.27	23.26	23.26	NO	
L0017555	0	0.73050E-07	485800.2	3620716.7	55.9	4.27	23.26	23.26	NO	
L0017556	0	0.73050E-07	485844.0	3620699.2	56.5	4.27	23.26	23.26	NO	
L0017557	0	0.73050E-07	485879.1	3620663.6	56.3	4.27	23.26	23.26	NO	
L0017558	0	0.73050E-07	485914.2	3620628.0	52.7	4.27	23.26	23.26	NO	
L0017559	0	0.73050E-07	485949.3	3620592.4	50.2	4.27	23.26	23.26	NO	
L0017560	0	0.73050E-07	485984.5	3620556.9	50.2	4.27	23.26	23.26	NO	
L0017561	0	0.73050E-07	486018.3	3620520.4	50.6	4.27	23.26	23.26	NO	
L0017562	0	0.73050E-07	486036.5	3620473.9	52.0	4.27	23.26	23.26	NO	
L0017563	0	0.73050E-07	486054.7	3620427.3	51.6	4.27	23.26	23.26	NO	
L0017564	0	0.73050E-07	486072.9	3620380.7	49.4	4.27	23.26	23.26	NO	
L0017565	0	0.73050E-07	486087.8	3620333.0	45.9	4.27	23.26	23.26	NO	
L0017566	0	0.73050E-07	486102.2	3620285.1	46.6	4.27	23.26	23.26	NO	
L0017567	0	0.73050E-07	486116.7	3620237.3	48.2	4.27	23.26	23.26	NO	
L0017568	0	0.73050E-07	486131.2	3620189.4	34.3	4.27	23.26	23.26	NO	
L0017569	0	0.73050E-07	486143.3	3620141.1	32.4	4.27	23.26	23.26	NO	
L0017570	0	0.73050E-07	486149.5	3620091.5	33.1	4.27	23.26	23.26	NO	
L0017571	0	0.73050E-07	486154.7	3620041.7	33.3	4.27	23.26	23.26	NO	
L0017572	0	0.73050E-07	486159.0	3619991.9	36.3	4.27	23.26	23.26	NO	
L0017573	0	0.73050E-07	486160.9	3619942.0	24.7	4.27	23.26	23.26	NO	
L0017574	0	0.73050E-07	486161.6	3619892.0	22.4	4.27	23.26	23.26	NO	
L0017575	0	0.73050E-07	486162.4	3619842.0	23.4	4.27	23.26	23.26	NO	
L0017576	0	0.73050E-07	486163.1	3619792.0	27.5	4.27	23.26	23.26	NO	
L0017577	0	0.73050E-07	486163.8	3619742.0	29.0	4.27	23.26	23.26	NO	
L0017578	0	0.73050E-07	486164.5	3619692.0	26.0	4.27	23.26	23.26	NO	
L0017579	0	0.73050E-07	486165.2	3619642.0	26.0	4.27	23.26	23.26	NO	
L0017580	0	0.73050E-07	486165.9	3619592.0	26.5	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** 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
L0009124	0	0.16220E-06	486166.5	3619538.3	19.3	4.27	23.26	23.26	NO	
L0009125	0	0.16220E-06	486166.7	3619488.3	19.8	4.27	23.26	23.26	NO	
L0009126	0	0.16220E-06	486166.8	3619438.3	19.1	4.27	23.26	23.26	NO	
L0009127	0	0.16220E-06	486167.0	3619388.3	18.4	4.27	23.26	23.26	NO	
L0009128	0	0.16220E-06	486167.1	3619338.3	18.9	4.27	23.26	23.26	NO	
L0009129	0	0.16220E-06	486167.2	3619288.3	19.4	4.27	23.26	23.26	NO	
L0009130	0	0.16220E-06	486167.4	3619238.3	18.8	4.27	23.26	23.26	NO	
L0009131	0	0.16220E-06	486167.5	3619188.3	18.8	4.27	23.26	23.26	NO	
L0009132	0	0.16220E-06	486167.6	3619138.3	17.6	4.27	23.26	23.26	NO	
L0009133	0	0.16220E-06	486167.8	3619088.3	19.4	4.27	23.26	23.26	NO	
L0009134	0	0.16220E-06	486167.9	3619038.3	19.0	4.27	23.26	23.26	NO	
L0009135	0	0.16220E-06	486168.0	3618988.3	18.3	4.27	23.26	23.26	NO	
L0009136	0	0.16220E-06	486168.2	3618938.3	21.0	4.27	23.26	23.26	NO	
L0009137	0	0.16220E-06	486168.3	3618888.3	20.2	4.27	23.26	23.26	NO	
L0009138	0	0.16220E-06	486168.4	3618838.3	19.7	4.27	23.26	23.26	NO	
L0009139	0	0.16220E-06	486168.6	3618788.3	22.1	4.27	23.26	23.26	NO	
L0009140	0	0.16220E-06	486168.7	3618738.3	19.6	4.27	23.26	23.26	NO	
L0017822	0	0.17310E-06	486169.8	3618708.9	15.2	4.27	23.26	23.26	NO	
L0017823	0	0.17310E-06	486176.4	3618659.5	10.6	4.27	23.26	23.26	NO	
L0017824	0	0.17310E-06	486188.9	3618611.2	10.8	4.27	23.26	23.26	NO	
L0017825	0	0.17310E-06	486206.9	3618564.5	14.1	4.27	23.26	23.26	NO	
L0017826	0	0.17310E-06	486229.5	3618520.0	16.2	4.27	23.26	23.26	NO	
L0017827	0	0.17310E-06	486261.5	3618481.9	15.8	4.27	23.26	23.26	NO	
L0017828	0	0.17310E-06	486295.8	3618445.6	17.0	4.27	23.26	23.26	NO	
L0017829	0	0.17310E-06	486334.5	3618413.9	15.8	4.27	23.26	23.26	NO	
L0017830	0	0.17310E-06	486373.2	3618382.2	14.9	4.27	23.26	23.26	NO	
L0017831	0	0.17310E-06	486411.7	3618350.3	15.8	4.27	23.26	23.26	NO	
L0017832	0	0.17310E-06	486450.2	3618318.4	17.2	4.27	23.26	23.26	NO	
L0017833	0	0.17310E-06	486488.7	3618286.5	19.0	4.27	23.26	23.26	NO	
L0017834	0	0.17310E-06	486527.3	3618254.8	20.6	4.27	23.26	23.26	NO	
L0017835	0	0.17310E-06	486566.0	3618223.1	18.3	4.27	23.26	23.26	NO	
L0017836	0	0.17310E-06	486604.7	3618191.4	14.6	4.27	23.26	23.26	NO	
L0017837	0	0.17310E-06	486643.4	3618159.7	18.3	4.27	23.26	23.26	NO	
L0009157	0	0.13770E-06	486681.2	3618127.9	27.2	4.27	23.26	23.26	NO	
L0009158	0	0.13770E-06	486719.5	3618095.8	28.2	4.27	23.26	23.26	NO	
L0009159	0	0.13770E-06	486757.9	3618063.7	20.5	4.27	23.26	23.26	NO	
L0009160	0	0.13770E-06	486796.2	3618031.6	19.6	4.27	23.26	23.26	NO	
L0009161	0	0.13770E-06	486834.6	3617999.5	19.8	4.27	23.26	23.26	NO	
L0009162	0	0.13770E-06	486872.9	3617967.4	20.4	4.27	23.26	23.26	NO	
L0009163	0	0.13770E-06	486911.3	3617935.3	22.1	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** 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
L0009164	0	0.13770E-06	486949.6	3617903.2	20.3	4.27	23.26	23.26	NO	
L0009165	0	0.13770E-06	486988.0	3617871.2	22.9	4.27	23.26	23.26	NO	
L0009166	0	0.13770E-06	487026.3	3617839.1	20.8	4.27	23.26	23.26	NO	
L0009167	0	0.13770E-06	487064.6	3617807.0	19.6	4.27	23.26	23.26	NO	
L0009168	0	0.13770E-06	487103.0	3617774.9	18.4	4.27	23.26	23.26	NO	
L0009169	0	0.13770E-06	487141.3	3617742.8	18.6	4.27	23.26	23.26	NO	
L0009170	0	0.13770E-06	487179.7	3617710.7	21.1	4.27	23.26	23.26	NO	
L0009171	0	0.13770E-06	487218.0	3617678.6	18.1	4.27	23.26	23.26	NO	
L0009172	0	0.13770E-06	487256.4	3617646.5	17.3	4.27	23.26	23.26	NO	
L0009173	0	0.13770E-06	487294.7	3617614.5	17.9	4.27	23.26	23.26	NO	
L0009174	0	0.13770E-06	487333.1	3617582.4	15.8	4.27	23.26	23.26	NO	
L0009175	0	0.13770E-06	487371.4	3617550.3	12.7	4.27	23.26	23.26	NO	
L0009176	0	0.13770E-06	487410.9	3617519.7	15.0	4.27	23.26	23.26	NO	
L0009177	0	0.13770E-06	487453.0	3617492.8	15.6	4.27	23.26	23.26	NO	
L0009178	0	0.13590E-06	487476.4	3617478.3	15.9	4.27	23.26	23.26	NO	
L0009179	0	0.13590E-06	487520.6	3617455.2	16.8	4.27	23.26	23.26	NO	
L0009180	0	0.13590E-06	487567.6	3617438.4	18.2	4.27	23.26	23.26	NO	
L0009181	0	0.13590E-06	487615.7	3617425.0	19.0	4.27	23.26	23.26	NO	
L0009182	0	0.13590E-06	487665.5	3617420.2	20.2	4.27	23.26	23.26	NO	
L0009183	0	0.13590E-06	487715.3	3617415.9	21.3	4.27	23.26	23.26	NO	
L0009184	0	0.13590E-06	487765.2	3617416.3	18.5	4.27	23.26	23.26	NO	
L0009185	0	0.13590E-06	487815.2	3617417.8	16.6	4.27	23.26	23.26	NO	
L0009186	0	0.13590E-06	487865.2	3617419.3	16.2	4.27	23.26	23.26	NO	
L0009187	0	0.13590E-06	487915.1	3617420.8	19.1	4.27	23.26	23.26	NO	
L0009188	0	0.13590E-06	487965.1	3617422.3	22.1	4.27	23.26	23.26	NO	
L0009189	0	0.13590E-06	488015.1	3617423.8	19.5	4.27	23.26	23.26	NO	
L0009190	0	0.13590E-06	488065.1	3617425.3	17.7	4.27	23.26	23.26	NO	
L0009191	0	0.13590E-06	488115.1	3617423.8	17.2	4.27	23.26	23.26	NO	
L0009192	0	0.13590E-06	488165.0	3617422.1	16.6	4.27	23.26	23.26	NO	
L0009193	0	0.13590E-06	488214.5	3617415.7	16.5	4.27	23.26	23.26	NO	
L0009194	0	0.13590E-06	488263.5	3617406.0	14.2	4.27	23.26	23.26	NO	
L0009195	0	0.13590E-06	488312.1	3617394.6	11.9	4.27	23.26	23.26	NO	
L0009196	0	0.13590E-06	488359.6	3617379.1	10.3	4.27	23.26	23.26	NO	
L0009197	0	0.13590E-06	488406.0	3617360.7	8.4	4.27	23.26	23.26	NO	
L0009198	0	0.13590E-06	488451.0	3617338.8	7.7	4.27	23.26	23.26	NO	
L0009199	0	0.13590E-06	488494.8	3617315.0	6.5	4.27	23.26	23.26	NO	
L0009200	0	0.13590E-06	488536.6	3617287.6	8.8	4.27	23.26	23.26	NO	
L0009201	0	0.13590E-06	488578.4	3617260.1	8.4	4.27	23.26	23.26	NO	
L0017581	0	0.41030E-07	488611.5	3617234.8	7.1	4.27	23.26	23.26	NO	
L0017582	0	0.41030E-07	488649.4	3617202.3	8.9	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** 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
L0017583	0	0.41030E-07	488687.3	3617169.7	10.0	4.27	23.26	23.26	NO	
L0017584	0	0.41030E-07	488725.3	3617137.1	8.1	4.27	23.26	23.26	NO	
L0017585	0	0.41030E-07	488763.2	3617104.6	5.0	4.27	23.26	23.26	NO	
L0017586	0	0.41030E-07	488801.4	3617072.3	3.6	4.27	23.26	23.26	NO	
L0017587	0	0.41030E-07	488839.9	3617040.4	3.3	4.27	23.26	23.26	NO	
L0017588	0	0.41030E-07	488878.4	3617008.4	6.7	4.27	23.26	23.26	NO	
L0017589	0	0.41030E-07	488916.9	3616976.5	7.0	4.27	23.26	23.26	NO	
L0017590	0	0.41030E-07	488955.3	3616944.6	11.9	4.27	23.26	23.26	NO	
L0017591	0	0.41030E-07	488993.8	3616912.7	8.9	4.27	23.26	23.26	NO	
L0017592	0	0.41030E-07	489032.3	3616880.7	6.1	4.27	23.26	23.26	NO	
L0017593	0	0.41030E-07	489070.8	3616848.8	10.5	4.27	23.26	23.26	NO	
L0017594	0	0.41030E-07	489109.3	3616816.9	12.1	4.27	23.26	23.26	NO	
L0017595	0	0.41030E-07	489147.7	3616785.0	11.0	4.27	23.26	23.26	NO	
L0017596	0	0.41030E-07	489186.2	3616753.0	8.9	4.27	23.26	23.26	NO	
L0017597	0	0.41030E-07	489224.7	3616721.1	11.1	4.27	23.26	23.26	NO	
L0017598	0	0.41030E-07	489263.2	3616689.2	8.6	4.27	23.26	23.26	NO	
L0017599	0	0.41030E-07	489298.1	3616653.8	9.9	4.27	23.26	23.26	NO	
L0017600	0	0.41030E-07	489329.9	3616615.1	14.7	4.27	23.26	23.26	NO	
L0017601	0	0.41030E-07	489361.6	3616576.5	11.6	4.27	23.26	23.26	NO	
L0017602	0	0.41030E-07	489393.1	3616537.6	10.6	4.27	23.26	23.26	NO	
L0017603	0	0.41030E-07	489420.8	3616496.0	11.2	4.27	23.26	23.26	NO	
L0017604	0	0.41030E-07	489445.9	3616452.9	12.2	4.27	23.26	23.26	NO	
L0017605	0	0.41030E-07	489467.8	3616408.0	9.5	4.27	23.26	23.26	NO	
L0017606	0	0.41030E-07	489489.7	3616363.0	8.8	4.27	23.26	23.26	NO	
L0017607	0	0.41030E-07	489508.5	3616316.8	8.8	4.27	23.26	23.26	NO	
L0017608	0	0.41030E-07	489523.6	3616269.1	6.4	4.27	23.26	23.26	NO	
L0017609	0	0.41030E-07	489538.7	3616221.5	5.9	4.27	23.26	23.26	NO	
L0017610	0	0.41030E-07	489553.8	3616173.8	7.4	4.27	23.26	23.26	NO	
L0017611	0	0.41030E-07	489568.9	3616126.2	8.4	4.27	23.26	23.26	NO	
L0017612	0	0.41030E-07	489584.9	3616078.8	8.6	4.27	23.26	23.26	NO	
L0017613	0	0.41030E-07	489601.5	3616031.6	11.8	4.27	23.26	23.26	NO	
L0017614	0	0.41030E-07	489618.1	3615984.5	8.6	4.27	23.26	23.26	NO	
L0017615	0	0.41030E-07	489634.7	3615937.3	5.0	4.27	23.26	23.26	NO	
L0017616	0	0.41030E-07	489651.4	3615890.2	7.0	4.27	23.26	23.26	NO	
L0017617	0	0.41030E-07	489668.0	3615843.0	4.1	4.27	23.26	23.26	NO	
L0017618	0	0.41030E-07	489684.6	3615795.8	2.8	4.27	23.26	23.26	NO	
L0017619	0	0.41030E-07	489701.2	3615748.7	0.3	4.27	23.26	23.26	NO	
L0017620	0	0.41030E-07	489717.8	3615701.5	0.9	4.27	23.26	23.26	NO	
L0017621	0	0.41030E-07	489734.4	3615654.3	1.1	4.27	23.26	23.26	NO	
L0017622	0	0.41030E-07	489751.0	3615607.2	5.4	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** 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
L0017623	0	0.41030E-07	489762.1	3615559.3	9.1	4.27	23.26	23.26	NO	
L0017624	0	0.41030E-07	489757.3	3615509.6	10.2	4.27	23.26	23.26	NO	
L0017625	0	0.41030E-07	489752.6	3615459.8	3.3	4.27	23.26	23.26	NO	
L0017626	0	0.41030E-07	489747.9	3615410.0	4.3	4.27	23.26	23.26	NO	
L0017627	0	0.41030E-07	489743.1	3615360.2	8.0	4.27	23.26	23.26	NO	
L0017628	0	0.41030E-07	489731.1	3615312.1	8.9	4.27	23.26	23.26	NO	
L0017629	0	0.41030E-07	489714.2	3615265.1	5.6	4.27	23.26	23.26	NO	
L0017630	0	0.41030E-07	489697.2	3615218.0	1.9	4.27	23.26	23.26	NO	
L0017631	0	0.41030E-07	489680.3	3615171.0	6.0	4.27	23.26	23.26	NO	
L0017632	0	0.41030E-07	489663.3	3615123.9	7.1	4.27	23.26	23.26	NO	
L0017633	0	0.41030E-07	489646.5	3615076.9	1.4	4.27	23.26	23.26	NO	
L0017634	0	0.41030E-07	489629.9	3615029.7	5.0	4.27	23.26	23.26	NO	
L0017635	0	0.41030E-07	489613.3	3614982.5	10.2	4.27	23.26	23.26	NO	
L0017636	0	0.41030E-07	489596.7	3614935.3	9.2	4.27	23.26	23.26	NO	
L0017637	0	0.41030E-07	489580.2	3614888.2	-0.2	4.27	23.26	23.26	NO	
L0017638	0	0.41030E-07	489574.1	3614838.6	-2.7	4.27	23.26	23.26	NO	
L0017639	0	0.41030E-07	489568.7	3614788.9	3.1	4.27	23.26	23.26	NO	
L0017640	0	0.41030E-07	489563.2	3614739.2	7.9	4.27	23.26	23.26	NO	
L0017641	0	0.41030E-07	489557.8	3614689.5	8.3	4.27	23.26	23.26	NO	
L0017642	0	0.41030E-07	489559.0	3614639.6	8.0	4.27	23.26	23.26	NO	
L0017643	0	0.41030E-07	489561.5	3614589.7	6.5	4.27	23.26	23.26	NO	
L0017644	0	0.41030E-07	489567.0	3614540.1	4.8	4.27	23.26	23.26	NO	
L0017645	0	0.41030E-07	489576.8	3614491.1	5.2	4.27	23.26	23.26	NO	
L0017646	0	0.41030E-07	489587.8	3614442.4	4.6	4.27	23.26	23.26	NO	
L0017647	0	0.41030E-07	489603.9	3614395.0	4.3	4.27	23.26	23.26	NO	
L0017648	0	0.41030E-07	489619.9	3614347.6	8.2	4.27	23.26	23.26	NO	
L0017649	0	0.41030E-07	489635.9	3614300.3	9.4	4.27	23.26	23.26	NO	
L0017650	0	0.41030E-07	489652.0	3614252.9	9.2	4.27	23.26	23.26	NO	
L0017651	0	0.41030E-07	489668.0	3614205.6	7.1	4.27	23.26	23.26	NO	
L0017652	0	0.41030E-07	489684.0	3614158.2	2.7	4.27	23.26	23.26	NO	
L0017653	0	0.41030E-07	489700.1	3614110.8	3.0	4.27	23.26	23.26	NO	
L0017654	0	0.41030E-07	489716.1	3614063.5	7.0	4.27	23.26	23.26	NO	
L0017655	0	0.41030E-07	489732.1	3614016.1	8.4	4.27	23.26	23.26	NO	
L0017656	0	0.41030E-07	489748.1	3613968.8	8.2	4.27	23.26	23.26	NO	
L0017657	0	0.41030E-07	489764.2	3613921.4	9.1	4.27	23.26	23.26	NO	
L0017658	0	0.41030E-07	489780.2	3613874.0	8.0	4.27	23.26	23.26	NO	
L0017659	0	0.41030E-07	489796.2	3613826.7	7.8	4.27	23.26	23.26	NO	
L0017660	0	0.41030E-07	489812.3	3613779.3	8.5	4.27	23.26	23.26	NO	
L0017661	0	0.41030E-07	489828.3	3613732.0	9.8	4.27	23.26	23.26	NO	
L0017662	0	0.41030E-07	489844.3	3613684.6	4.3	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** 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
L0017663	0	0.41030E-07	489860.4	3613637.2	1.1	4.27	23.26	23.26	NO	
L0017664	0	0.41030E-07	489876.4	3613589.9	6.0	4.27	23.26	23.26	NO	
L0017665	0	0.41030E-07	489892.4	3613542.5	8.2	4.27	23.26	23.26	NO	
L0017666	0	0.41030E-07	489908.5	3613495.2	5.1	4.27	23.26	23.26	NO	
L0017667	0	0.41030E-07	489924.5	3613447.8	3.6	4.27	23.26	23.26	NO	
L0017668	0	0.41030E-07	489940.5	3613400.4	4.6	4.27	23.26	23.26	NO	
L0017669	0	0.41030E-07	489956.6	3613353.1	6.8	4.27	23.26	23.26	NO	
L0017670	0	0.41030E-07	489972.6	3613305.7	2.4	4.27	23.26	23.26	NO	
L0017671	0	0.41030E-07	489988.6	3613258.4	-0.1	4.27	23.26	23.26	NO	
L0017672	0	0.41030E-07	490004.7	3613211.0	1.4	4.27	23.26	23.26	NO	
L0017673	0	0.41030E-07	490020.7	3613163.6	3.3	4.27	23.26	23.26	NO	
L0017674	0	0.41030E-07	490036.7	3613116.3	6.2	4.27	23.26	23.26	NO	
L0017675	0	0.41030E-07	490052.8	3613068.9	7.3	4.27	23.26	23.26	NO	
L0017676	0	0.41030E-07	490068.8	3613021.6	3.4	4.27	23.26	23.26	NO	
L0017677	0	0.41030E-07	490084.8	3612974.2	3.0	4.27	23.26	23.26	NO	
L0017678	0	0.41030E-07	490100.9	3612926.8	3.2	4.27	23.26	23.26	NO	
L0017679	0	0.41030E-07	490116.9	3612879.5	4.7	4.27	23.26	23.26	NO	
L0017680	0	0.41030E-07	490132.9	3612832.1	4.3	4.27	23.26	23.26	NO	
L0017681	0	0.41030E-07	490149.0	3612784.8	2.8	4.27	23.26	23.26	NO	
L0017682	0	0.41030E-07	490165.0	3612737.4	3.5	4.27	23.26	23.26	NO	
L0017683	0	0.41030E-07	490181.0	3612690.0	2.7	4.27	23.26	23.26	NO	
L0017684	0	0.41030E-07	490197.0	3612642.7	4.4	4.27	23.26	23.26	NO	
L0017685	0	0.41030E-07	490213.1	3612595.3	4.1	4.27	23.26	23.26	NO	
L0017686	0	0.15680E-07	489133.6	3622502.5	74.8	4.27	23.26	23.26	NO	
L0017687	0	0.15680E-07	489156.5	3622458.0	71.8	4.27	23.26	23.26	NO	
L0017688	0	0.15680E-07	489179.5	3622413.6	73.1	4.27	23.26	23.26	NO	
L0017689	0	0.15680E-07	489201.8	3622368.9	69.9	4.27	23.26	23.26	NO	
L0017690	0	0.15680E-07	489219.1	3622322.0	70.3	4.27	23.26	23.26	NO	
L0017691	0	0.15680E-07	489236.3	3622275.1	69.1	4.27	23.26	23.26	NO	
L0017692	0	0.15680E-07	489253.6	3622228.1	71.1	4.27	23.26	23.26	NO	
L0017693	0	0.15680E-07	489270.9	3622181.2	70.1	4.27	23.26	23.26	NO	
L0017694	0	0.15680E-07	489288.2	3622134.3	66.8	4.27	23.26	23.26	NO	
L0017695	0	0.15680E-07	489305.5	3622087.4	65.3	4.27	23.26	23.26	NO	
L0017696	0	0.15680E-07	489322.8	3622040.5	62.6	4.27	23.26	23.26	NO	
L0017697	0	0.15680E-07	489340.0	3621993.6	60.7	4.27	23.26	23.26	NO	
L0017698	0	0.15680E-07	489357.3	3621946.6	61.9	4.27	23.26	23.26	NO	
L0017699	0	0.15680E-07	489374.6	3621899.7	65.5	4.27	23.26	23.26	NO	
L0017700	0	0.15680E-07	489391.9	3621852.8	63.8	4.27	23.26	23.26	NO	
L0017701	0	0.15680E-07	489409.2	3621805.9	59.9	4.27	23.26	23.26	NO	
L0017702	0	0.15680E-07	489426.5	3621759.0	63.5	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** 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
L0017703	0	0.15680E-07	489447.0	3621713.6	64.9	4.27	23.26	23.26	NO	
L0017704	0	0.15680E-07	489473.5	3621671.2	64.2	4.27	23.26	23.26	NO	
L0017705	0	0.15680E-07	489500.0	3621628.8	64.0	4.27	23.26	23.26	NO	
L0017706	0	0.15680E-07	489521.8	3621584.6	62.2	4.27	23.26	23.26	NO	
L0017707	0	0.15680E-07	489531.1	3621535.5	58.2	4.27	23.26	23.26	NO	
L0017708	0	0.15680E-07	489540.4	3621486.4	56.5	4.27	23.26	23.26	NO	
L0017709	0	0.15680E-07	489539.2	3621436.7	57.8	4.27	23.26	23.26	NO	
L0017710	0	0.15680E-07	489535.3	3621386.8	59.0	4.27	23.26	23.26	NO	
L0017711	0	0.15680E-07	489527.4	3621337.5	54.6	4.27	23.26	23.26	NO	
L0017712	0	0.15680E-07	489518.5	3621288.3	54.9	4.27	23.26	23.26	NO	
L0017713	0	0.15680E-07	489506.6	3621239.7	52.3	4.27	23.26	23.26	NO	
L0017714	0	0.15680E-07	489493.8	3621191.4	52.9	4.27	23.26	23.26	NO	
L0017715	0	0.15680E-07	489476.9	3621144.4	51.4	4.27	23.26	23.26	NO	
L0017716	0	0.15680E-07	489458.6	3621097.9	49.9	4.27	23.26	23.26	NO	
L0017717	0	0.15680E-07	489435.6	3621053.5	50.1	4.27	23.26	23.26	NO	
L0017718	0	0.15680E-07	489412.6	3621009.1	46.1	4.27	23.26	23.26	NO	
L0017719	0	0.15680E-07	489387.8	3620965.8	41.8	4.27	23.26	23.26	NO	
L0017720	0	0.15680E-07	489361.7	3620923.1	44.6	4.27	23.26	23.26	NO	
L0017721	0	0.15680E-07	489335.7	3620880.4	42.1	4.27	23.26	23.26	NO	
L0017722	0	0.15680E-07	489309.6	3620837.7	40.8	4.27	23.26	23.26	NO	
L0017723	0	0.15680E-07	489283.6	3620795.0	43.0	4.27	23.26	23.26	NO	
L0017724	0	0.15680E-07	489257.5	3620752.3	42.9	4.27	23.26	23.26	NO	
L0017725	0	0.15680E-07	489231.5	3620709.7	37.1	4.27	23.26	23.26	NO	
L0017726	0	0.15680E-07	489205.5	3620667.0	35.0	4.27	23.26	23.26	NO	
L0017727	0	0.15680E-07	489179.4	3620624.3	35.5	4.27	23.26	23.26	NO	
L0017728	0	0.15680E-07	489153.4	3620581.6	35.2	4.27	23.26	23.26	NO	
L0017729	0	0.15680E-07	489128.2	3620538.4	33.6	4.27	23.26	23.26	NO	
L0017730	0	0.15680E-07	489104.3	3620494.5	32.2	4.27	23.26	23.26	NO	
L0017731	0	0.15680E-07	489080.4	3620450.6	32.6	4.27	23.26	23.26	NO	
L0017732	0	0.15680E-07	489056.5	3620406.7	31.9	4.27	23.26	23.26	NO	
L0017733	0	0.15680E-07	489036.3	3620361.1	29.7	4.27	23.26	23.26	NO	
L0017734	0	0.15680E-07	489018.2	3620314.4	31.2	4.27	23.26	23.26	NO	
L0017735	0	0.15680E-07	489000.8	3620267.6	30.6	4.27	23.26	23.26	NO	
L0017736	0	0.15680E-07	488985.1	3620220.1	29.0	4.27	23.26	23.26	NO	
L0017737	0	0.15680E-07	488972.0	3620172.0	24.9	4.27	23.26	23.26	NO	
L0017738	0	0.15680E-07	488962.8	3620122.8	22.0	4.27	23.26	23.26	NO	
L0017739	0	0.15680E-07	488956.6	3620073.2	21.5	4.27	23.26	23.26	NO	
L0017740	0	0.15680E-07	488955.3	3620023.3	20.5	4.27	23.26	23.26	NO	
L0017741	0	0.15680E-07	488955.0	3619973.3	21.8	4.27	23.26	23.26	NO	
L0017742	0	0.15680E-07	488954.8	3619923.3	22.6	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** 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
L0009279	0	0.16930E-06	488955.2	3619873.9	23.0	4.27	23.26	23.26	NO	
L0009280	0	0.16930E-06	488956.1	3619823.9	21.2	4.27	23.26	23.26	NO	
L0009281	0	0.16930E-06	488956.9	3619773.9	18.6	4.27	23.26	23.26	NO	
L0009282	0	0.16930E-06	488957.8	3619723.9	17.4	4.27	23.26	23.26	NO	
L0009283	0	0.16930E-06	488957.5	3619674.0	19.0	4.27	23.26	23.26	NO	
L0009284	0	0.16930E-06	488951.4	3619624.3	22.3	4.27	23.26	23.26	NO	
L0009285	0	0.16930E-06	488943.3	3619575.0	23.5	4.27	23.26	23.26	NO	
L0009286	0	0.16930E-06	488930.6	3619526.8	22.1	4.27	23.26	23.26	NO	
L0009287	0	0.16930E-06	488913.9	3619479.6	20.7	4.27	23.26	23.26	NO	
L0009288	0	0.16930E-06	488897.2	3619432.5	21.9	4.27	23.26	23.26	NO	
L0009289	0	0.16930E-06	488881.1	3619385.2	23.7	4.27	23.26	23.26	NO	
L0009290	0	0.16930E-06	488865.0	3619337.9	24.0	4.27	23.26	23.26	NO	
L0009310	0	0.96040E-07	488851.3	3619300.0	23.1	4.27	23.26	23.26	NO	
L0009311	0	0.96040E-07	488834.5	3619253.0	27.7	4.27	23.26	23.26	NO	
L0009312	0	0.96040E-07	488817.6	3619205.9	25.8	4.27	23.26	23.26	NO	
L0009313	0	0.96040E-07	488800.8	3619158.8	22.7	4.27	23.26	23.26	NO	
L0009314	0	0.96040E-07	488787.5	3619110.6	20.8	4.27	23.26	23.26	NO	
L0009315	0	0.96040E-07	488774.6	3619062.3	20.8	4.27	23.26	23.26	NO	
L0009316	0	0.96040E-07	488764.3	3619013.4	22.1	4.27	23.26	23.26	NO	
L0009317	0	0.96040E-07	488754.1	3618964.4	23.8	4.27	23.26	23.26	NO	
L0009318	0	0.96040E-07	488743.8	3618915.5	21.6	4.27	23.26	23.26	NO	
L0009319	0	0.96040E-07	488734.9	3618866.3	19.4	4.27	23.26	23.26	NO	
L0009320	0	0.96040E-07	488726.4	3618817.0	18.3	4.27	23.26	23.26	NO	
L0009321	0	0.96040E-07	488717.9	3618767.8	18.0	4.27	23.26	23.26	NO	
L0009322	0	0.96040E-07	488711.4	3618718.2	13.7	4.27	23.26	23.26	NO	
L0009323	0	0.96040E-07	488705.0	3618668.6	14.4	4.27	23.26	23.26	NO	
L0009324	0	0.96040E-07	488698.9	3618619.0	16.7	4.27	23.26	23.26	NO	
L0009325	0	0.96040E-07	488693.6	3618569.3	18.3	4.27	23.26	23.26	NO	
L0009326	0	0.96040E-07	488691.7	3618519.3	15.7	4.27	23.26	23.26	NO	
L0009327	0	0.96040E-07	488689.9	3618469.4	14.6	4.27	23.26	23.26	NO	
L0009328	0	0.96040E-07	488688.0	3618419.4	15.8	4.27	23.26	23.26	NO	
L0009329	0	0.96040E-07	488686.2	3618369.4	16.9	4.27	23.26	23.26	NO	
L0009330	0	0.96040E-07	488685.0	3618319.4	14.0	4.27	23.26	23.26	NO	
L0009331	0	0.96040E-07	488683.9	3618269.4	12.5	4.27	23.26	23.26	NO	
L0009332	0	0.96040E-07	488682.7	3618219.5	12.6	4.27	23.26	23.26	NO	
L0009333	0	0.10970E-06	488681.6	3618146.7	7.8	4.27	23.26	23.26	NO	
L0009334	0	0.10970E-06	488681.4	3618096.7	8.1	4.27	23.26	23.26	NO	
L0009335	0	0.10970E-06	488681.1	3618046.7	8.9	4.27	23.26	23.26	NO	
L0009336	0	0.10970E-06	488680.9	3617996.7	10.0	4.27	23.26	23.26	NO	
L0009337	0	0.10970E-06	488680.6	3617946.7	6.0	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** 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
L0009338	0	0.10970E-06	488680.4	3617896.7	4.6	4.27	23.26	23.26	NO	
L0009339	0	0.10970E-06	488680.1	3617846.7	6.7	4.27	23.26	23.26	NO	
L0009340	0	0.10970E-06	488679.9	3617796.7	7.4	4.27	23.26	23.26	NO	
L0009341	0	0.10970E-06	488679.6	3617746.7	11.6	4.27	23.26	23.26	NO	
L0009342	0	0.10970E-06	488679.3	3617696.8	11.3	4.27	23.26	23.26	NO	
L0009343	0	0.10970E-06	488679.1	3617646.8	10.2	4.27	23.26	23.26	NO	
L0009344	0	0.10970E-06	488678.8	3617596.8	11.4	4.27	23.26	23.26	NO	
L0009345	0	0.10970E-06	488678.2	3617546.8	14.0	4.27	23.26	23.26	NO	
L0009346	0	0.10970E-06	488671.6	3617497.3	8.2	4.27	23.26	23.26	NO	
L0009347	0	0.10970E-06	488663.6	3617447.9	5.7	4.27	23.26	23.26	NO	
L0009348	0	0.10970E-06	488652.3	3617399.2	8.0	4.27	23.26	23.26	NO	
L0009349	0	0.10970E-06	488635.4	3617352.3	10.6	4.27	23.26	23.26	NO	
L0009350	0	0.10970E-06	488615.7	3617306.4	9.2	4.27	23.26	23.26	NO	
L0009351	0	0.10970E-06	488595.9	3617260.5	8.0	4.27	23.26	23.26	NO	
L0009352	0	0.36810E-07	488579.7	3617229.3	5.2	4.27	23.26	23.26	NO	
L0009353	0	0.36810E-07	488552.9	3617187.1	2.4	4.27	23.26	23.26	NO	
L0009354	0	0.36810E-07	488524.6	3617145.9	2.3	4.27	23.26	23.26	NO	
L0009355	0	0.36810E-07	488496.4	3617104.7	4.6	4.27	23.26	23.26	NO	
L0009356	0	0.36810E-07	488468.1	3617063.4	7.2	4.27	23.26	23.26	NO	
L0009357	0	0.36810E-07	488439.8	3617022.2	7.0	4.27	23.26	23.26	NO	
L0009358	0	0.36810E-07	488411.7	3616980.9	5.2	4.27	23.26	23.26	NO	
L0009359	0	0.36810E-07	488384.7	3616938.8	0.6	4.27	23.26	23.26	NO	
L0009360	0	0.36810E-07	488357.7	3616896.6	-0.7	4.27	23.26	23.26	NO	
L0009361	0	0.36810E-07	488333.4	3616853.0	0.3	4.27	23.26	23.26	NO	
L0009362	0	0.36810E-07	488309.4	3616809.1	6.1	4.27	23.26	23.26	NO	
L0009363	0	0.36810E-07	488286.3	3616764.8	4.7	4.27	23.26	23.26	NO	
L0009364	0	0.36810E-07	488265.0	3616719.6	2.6	4.27	23.26	23.26	NO	
L0009365	0	0.36810E-07	488243.8	3616674.3	-0.1	4.27	23.26	23.26	NO	
L0017486	0	0.90710E-07	489387.1	3622468.6	74.1	4.27	23.26	23.26	NO	
L0017487	0	0.90710E-07	489385.6	3622418.7	79.1	4.27	23.26	23.26	NO	
L0017488	0	0.90710E-07	489384.0	3622368.7	78.5	4.27	23.26	23.26	NO	
L0017489	0	0.90710E-07	489387.8	3622319.0	77.7	4.27	23.26	23.26	NO	
L0017490	0	0.90710E-07	489395.3	3622269.6	72.2	4.27	23.26	23.26	NO	
L0017491	0	0.90710E-07	489402.8	3622220.1	73.0	4.27	23.26	23.26	NO	
L0017492	0	0.90710E-07	489415.9	3622172.1	74.4	4.27	23.26	23.26	NO	
L0017493	0	0.90710E-07	489431.8	3622124.7	74.0	4.27	23.26	23.26	NO	
L0017494	0	0.90710E-07	489447.7	3622077.2	73.7	4.27	23.26	23.26	NO	
L0017495	0	0.90710E-07	489458.6	3622028.5	72.5	4.27	23.26	23.26	NO	
L0017496	0	0.90710E-07	489469.0	3621979.6	70.6	4.27	23.26	23.26	NO	
L0017497	0	0.90710E-07	489479.4	3621930.7	69.0	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** 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
L0017498	0	0.90710E-07	489489.8	3621881.8	64.0	4.27	23.26	23.26	NO	
L0017499	0	0.90710E-07	489500.2	3621832.9	64.6	4.27	23.26	23.26	NO	
L0017500	0	0.90710E-07	489510.5	3621783.9	66.0	4.27	23.26	23.26	NO	
L0017501	0	0.90710E-07	489520.9	3621735.0	63.6	4.27	23.26	23.26	NO	
L0017502	0	0.90710E-07	489531.3	3621686.1	61.3	4.27	23.26	23.26	NO	
L0017503	0	0.90710E-07	489541.7	3621637.2	62.5	4.27	23.26	23.26	NO	
L0017504	0	0.90710E-07	489556.8	3621591.2	63.3	4.27	23.26	23.26	NO	
L0017505	0	0.90710E-07	489595.3	3621559.2	64.3	4.27	23.26	23.26	NO	
L0017506	0	0.90710E-07	489633.8	3621527.3	66.7	4.27	23.26	23.26	NO	
L0017507	0	0.90710E-07	489674.1	3621497.9	72.4	4.27	23.26	23.26	NO	
L0017508	0	0.90710E-07	489715.6	3621470.0	75.0	4.27	23.26	23.26	NO	
L0017509	0	0.90710E-07	489757.1	3621442.1	72.8	4.27	23.26	23.26	NO	
L0017510	0	0.90710E-07	489798.6	3621414.2	69.3	4.27	23.26	23.26	NO	
L0017511	0	0.90710E-07	489840.1	3621386.3	71.4	4.27	23.26	23.26	NO	
L0017512	0	0.90710E-07	489881.7	3621358.5	75.3	4.27	23.26	23.26	NO	
L0017513	0	0.90710E-07	489923.2	3621330.6	73.2	4.27	23.26	23.26	NO	
L0017514	0	0.90710E-07	489964.7	3621302.7	70.6	4.27	23.26	23.26	NO	
L0017515	0	0.90710E-07	490005.1	3621273.4	64.8	4.27	23.26	23.26	NO	
L0017516	0	0.90710E-07	490042.9	3621240.7	65.2	4.27	23.26	23.26	NO	
L0017517	0	0.90710E-07	490080.7	3621208.0	61.9	4.27	23.26	23.26	NO	
L0017518	0	0.90710E-07	490118.6	3621175.3	61.2	4.27	23.26	23.26	NO	
L0017519	0	0.90710E-07	490156.4	3621142.6	60.4	4.27	23.26	23.26	NO	
L0017520	0	0.90710E-07	490194.2	3621109.9	58.1	4.27	23.26	23.26	NO	
L0017521	0	0.90710E-07	490231.7	3621076.9	56.1	4.27	23.26	23.26	NO	
L0017522	0	0.90710E-07	490251.5	3621031.0	53.7	4.27	23.26	23.26	NO	
L0017523	0	0.90710E-07	490271.3	3620985.1	50.6	4.27	23.26	23.26	NO	
L0017524	0	0.90710E-07	490291.1	3620939.2	42.1	4.27	23.26	23.26	NO	
L0017525	0	0.90710E-07	490311.0	3620893.3	43.7	4.27	23.26	23.26	NO	
L0017526	0	0.90710E-07	490330.8	3620847.4	42.6	4.27	23.26	23.26	NO	
L0017527	0	0.90710E-07	490350.6	3620801.5	43.7	4.27	23.26	23.26	NO	
L0017528	0	0.90710E-07	490368.0	3620754.9	46.0	4.27	23.26	23.26	NO	
L0017529	0	0.90710E-07	490375.7	3620705.5	44.2	4.27	23.26	23.26	NO	
L0017530	0	0.90710E-07	490383.4	3620656.1	43.2	4.27	23.26	23.26	NO	
L0017531	0	0.90710E-07	490390.1	3620606.6	47.2	4.27	23.26	23.26	NO	
L0017532	0	0.90710E-07	490387.6	3620556.7	45.1	4.27	23.26	23.26	NO	
L0017533	0	0.90710E-07	490385.1	3620506.8	45.3	4.27	23.26	23.26	NO	
L0017534	0	0.90710E-07	490382.6	3620456.8	46.8	4.27	23.26	23.26	NO	
L0017535	0	0.90710E-07	490380.1	3620406.9	45.8	4.27	23.26	23.26	NO	
L0017536	0	0.90710E-07	490377.7	3620357.0	44.2	4.27	23.26	23.26	NO	
L0017537	0	0.90710E-07	490375.2	3620307.0	42.6	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** 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
L0017538	0	0.90710E-07	490372.7	3620257.1	36.4	4.27	23.26	23.26	NO	
L0017539	0	0.90710E-07	490370.2	3620207.1	39.7	4.27	23.26	23.26	NO	
L0017540	0	0.90710E-07	490367.7	3620157.2	44.7	4.27	23.26	23.26	NO	
L0009381	0	0.27040E-06	490363.9	3620119.4	45.5	4.27	23.26	23.26	NO	
L0009382	0	0.27040E-06	490361.4	3620069.5	46.8	4.27	23.26	23.26	NO	
L0009383	0	0.27040E-06	490358.9	3620019.5	46.3	4.27	23.26	23.26	NO	
L0009384	0	0.27040E-06	490356.5	3619969.6	45.4	4.27	23.26	23.26	NO	
L0009385	0	0.27040E-06	490354.0	3619919.7	43.1	4.27	23.26	23.26	NO	
L0009386	0	0.27040E-06	490354.2	3619869.7	38.5	4.27	23.26	23.26	NO	
L0009387	0	0.27040E-06	490354.8	3619819.7	37.4	4.27	23.26	23.26	NO	
L0009388	0	0.27040E-06	490362.9	3619770.4	42.4	4.27	23.26	23.26	NO	
L0009389	0	0.27040E-06	490371.6	3619721.2	42.5	4.27	23.26	23.26	NO	
L0009390	0	0.27040E-06	490381.2	3619672.1	39.5	4.27	23.26	23.26	NO	
L0009391	0	0.27040E-06	490394.2	3619623.8	36.7	4.27	23.26	23.26	NO	
L0009392	0	0.27040E-06	490407.2	3619575.6	40.9	4.27	23.26	23.26	NO	
L0009393	0	0.27040E-06	490426.9	3619529.9	41.0	4.27	23.26	23.26	NO	
L0009394	0	0.27040E-06	490449.5	3619485.2	41.2	4.27	23.26	23.26	NO	
L0009395	0	0.27040E-06	490472.1	3619440.6	40.1	4.27	23.26	23.26	NO	
L0009396	0	0.27040E-06	490494.9	3619396.2	39.2	4.27	23.26	23.26	NO	
L0009397	0	0.27040E-06	490525.9	3619357.0	36.5	4.27	23.26	23.26	NO	
L0009398	0	0.27040E-06	490557.0	3619317.8	35.1	4.27	23.26	23.26	NO	
L0009399	0	0.30810E-06	490583.2	3619286.4	33.7	4.27	23.26	23.26	NO	
L0009400	0	0.30810E-06	490613.9	3619246.9	35.3	4.27	23.26	23.26	NO	
L0009401	0	0.30810E-06	490644.6	3619207.4	37.0	4.27	23.26	23.26	NO	
L0009402	0	0.30810E-06	490675.3	3619168.0	38.0	4.27	23.26	23.26	NO	
L0009403	0	0.30810E-06	490706.0	3619128.5	37.7	4.27	23.26	23.26	NO	
L0009404	0	0.30810E-06	490736.6	3619089.0	36.2	4.27	23.26	23.26	NO	
L0009405	0	0.30810E-06	490767.3	3619049.5	33.4	4.27	23.26	23.26	NO	
L0009406	0	0.30810E-06	490798.0	3619010.1	31.4	4.27	23.26	23.26	NO	
L0009407	0	0.30810E-06	490828.7	3618970.6	29.5	4.27	23.26	23.26	NO	
L0009408	0	0.30810E-06	490859.4	3618931.1	27.1	4.27	23.26	23.26	NO	
L0009409	0	0.30810E-06	490890.1	3618891.6	30.1	4.27	23.26	23.26	NO	
L0009410	0	0.30810E-06	490920.8	3618852.2	28.8	4.27	23.26	23.26	NO	
L0009411	0	0.30810E-06	490950.7	3618812.1	24.3	4.27	23.26	23.26	NO	
L0009412	0	0.30810E-06	490977.2	3618769.7	20.2	4.27	23.26	23.26	NO	
L0009413	0	0.30810E-06	491003.6	3618727.3	23.4	4.27	23.26	23.26	NO	
L0009414	0	0.30810E-06	491026.2	3618682.7	23.0	4.27	23.26	23.26	NO	
L0009415	0	0.30810E-06	491048.6	3618638.0	21.0	4.27	23.26	23.26	NO	
L0009416	0	0.30810E-06	491067.3	3618592.0	29.4	4.27	23.26	23.26	NO	
L0009417	0	0.30810E-06	491077.3	3618543.0	30.3	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** 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
L0009418	0	0.30810E-06	491087.2	3618494.0	28.7	4.27	23.26	23.26	NO	
L0009419	0	0.17730E-06	491094.2	3618468.2	27.7	4.27	23.26	23.26	NO	
L0009420	0	0.17730E-06	491105.8	3618420.0	25.4	4.27	23.26	23.26	NO	
L0009421	0	0.17730E-06	491108.4	3618370.1	26.7	4.27	23.26	23.26	NO	
L0009422	0	0.17730E-06	491110.4	3618320.2	29.1	4.27	23.26	23.26	NO	
L0009423	0	0.17730E-06	491110.0	3618270.2	29.3	4.27	23.26	23.26	NO	
L0009424	0	0.17730E-06	491109.5	3618220.2	31.1	4.27	23.26	23.26	NO	
L0009425	0	0.17730E-06	491109.0	3618170.2	30.1	4.27	23.26	23.26	NO	
L0009426	0	0.17730E-06	491108.6	3618120.2	29.0	4.27	23.26	23.26	NO	
L0009427	0	0.17730E-06	491108.1	3618070.2	31.6	4.27	23.26	23.26	NO	
L0009428	0	0.17730E-06	491107.6	3618020.2	35.9	4.27	23.26	23.26	NO	
L0009429	0	0.17730E-06	491107.2	3617970.2	36.2	4.27	23.26	23.26	NO	
L0009430	0	0.17730E-06	491106.7	3617920.2	34.5	4.27	23.26	23.26	NO	
L0009431	0	0.17730E-06	491106.2	3617870.2	37.0	4.27	23.26	23.26	NO	
L0009432	0	0.17730E-06	491105.8	3617820.2	32.0	4.27	23.26	23.26	NO	
L0009433	0	0.17730E-06	491105.3	3617770.2	31.8	4.27	23.26	23.26	NO	
L0009434	0	0.17730E-06	491104.8	3617720.2	35.1	4.27	23.26	23.26	NO	
L0009435	0	0.17730E-06	491104.4	3617670.2	35.7	4.27	23.26	23.26	NO	
L0009436	0	0.17730E-06	491103.9	3617620.2	35.6	4.27	23.26	23.26	NO	
L0009437	0	0.17730E-06	491103.5	3617570.2	35.2	4.27	23.26	23.26	NO	
L0009438	0	0.17730E-06	491103.0	3617520.2	33.5	4.27	23.26	23.26	NO	
L0009439	0	0.17730E-06	491102.5	3617470.2	31.5	4.27	23.26	23.26	NO	
L0009440	0	0.17730E-06	491102.1	3617420.2	31.6	4.27	23.26	23.26	NO	
L0009441	0	0.17730E-06	491101.6	3617370.2	30.8	4.27	23.26	23.26	NO	
L0009442	0	0.17730E-06	491102.7	3617320.2	32.8	4.27	23.26	23.26	NO	
L0009443	0	0.17730E-06	491104.8	3617270.3	31.2	4.27	23.26	23.26	NO	
L0009444	0	0.17730E-06	491107.0	3617220.3	27.8	4.27	23.26	23.26	NO	
L0009445	0	0.17730E-06	491109.7	3617170.4	27.9	4.27	23.26	23.26	NO	
L0009446	0	0.17730E-06	491113.1	3617120.5	29.4	4.27	23.26	23.26	NO	
L0009447	0	0.17730E-06	491118.5	3617070.8	37.3	4.27	23.26	23.26	NO	
L0009448	0	0.17730E-06	491126.5	3617021.5	31.9	4.27	23.26	23.26	NO	
L0009449	0	0.17730E-06	491135.9	3616972.5	27.7	4.27	23.26	23.26	NO	
L0009450	0	0.17730E-06	491152.6	3616925.3	29.7	4.27	23.26	23.26	NO	
L0009451	0	0.17730E-06	491169.2	3616878.2	32.1	4.27	23.26	23.26	NO	
L0009452	0	0.17730E-06	491185.8	3616831.0	34.7	4.27	23.26	23.26	NO	
L0017743	0	0.74960E-07	491197.8	3616803.6	37.9	4.27	23.26	23.26	NO	
L0017744	0	0.74960E-07	491220.3	3616758.9	37.3	4.27	23.26	23.26	NO	
L0017745	0	0.74960E-07	491244.2	3616715.2	36.0	4.27	23.26	23.26	NO	
L0017746	0	0.74960E-07	491275.2	3616676.0	33.6	4.27	23.26	23.26	NO	
L0017747	0	0.74960E-07	491306.2	3616636.8	31.4	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** 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
L0017748	0	0.74960E-07	491337.2	3616597.5	31.8	4.27	23.26	23.26	NO	
L0017749	0	0.74960E-07	491371.8	3616561.6	33.8	4.27	23.26	23.26	NO	
L0017750	0	0.74960E-07	491408.0	3616527.1	33.3	4.27	23.26	23.26	NO	
L0017751	0	0.74960E-07	491444.1	3616492.5	29.8	4.27	23.26	23.26	NO	
L0017752	0	0.74960E-07	491480.3	3616458.0	29.7	4.27	23.26	23.26	NO	
L0017753	0	0.74960E-07	491516.4	3616423.4	28.5	4.27	23.26	23.26	NO	
L0017754	0	0.74960E-07	491552.5	3616388.9	27.5	4.27	23.26	23.26	NO	
L0017755	0	0.74960E-07	491588.5	3616354.1	30.5	4.27	23.26	23.26	NO	
L0017756	0	0.74960E-07	491624.0	3616318.9	31.4	4.27	23.26	23.26	NO	
L0017757	0	0.74960E-07	491659.5	3616283.7	30.7	4.27	23.26	23.26	NO	
L0017758	0	0.74960E-07	491695.1	3616248.5	31.6	4.27	23.26	23.26	NO	
L0017759	0	0.74960E-07	491726.3	3616209.5	30.7	4.27	23.26	23.26	NO	
L0017760	0	0.74960E-07	491757.3	3616170.3	28.0	4.27	23.26	23.26	NO	
L0017761	0	0.74960E-07	491784.4	3616128.3	27.8	4.27	23.26	23.26	NO	
L0017762	0	0.74960E-07	491810.6	3616085.8	26.6	4.27	23.26	23.26	NO	
L0017763	0	0.74960E-07	491831.9	3616040.5	25.1	4.27	23.26	23.26	NO	
L0017764	0	0.74960E-07	491853.1	3615995.2	26.8	4.27	23.26	23.26	NO	
L0017765	0	0.74960E-07	491873.9	3615949.8	26.5	4.27	23.26	23.26	NO	
L0017766	0	0.74960E-07	491893.6	3615903.8	27.0	4.27	23.26	23.26	NO	
L0017767	0	0.74960E-07	491913.2	3615857.8	29.4	4.27	23.26	23.26	NO	
L0017768	0	0.74960E-07	491932.9	3615811.9	31.4	4.27	23.26	23.26	NO	
L0017769	0	0.74960E-07	491952.6	3615765.9	30.2	4.27	23.26	23.26	NO	
L0017770	0	0.74960E-07	491972.2	3615719.9	29.1	4.27	23.26	23.26	NO	
L0017771	0	0.74960E-07	491991.9	3615673.9	29.2	4.27	23.26	23.26	NO	
L0017772	0	0.74960E-07	492011.5	3615628.0	30.9	4.27	23.26	23.26	NO	
L0017773	0	0.74960E-07	492031.2	3615582.0	26.9	4.27	23.26	23.26	NO	
L0017774	0	0.74960E-07	492050.8	3615536.0	29.1	4.27	23.26	23.26	NO	
L0017775	0	0.74960E-07	492069.6	3615489.7	26.4	4.27	23.26	23.26	NO	
L0017776	0	0.74960E-07	492087.7	3615443.1	28.5	4.27	23.26	23.26	NO	
L0017777	0	0.74960E-07	492105.7	3615396.4	27.6	4.27	23.26	23.26	NO	
L0017778	0	0.74960E-07	492123.8	3615349.8	26.6	4.27	23.26	23.26	NO	
L0017779	0	0.74960E-07	492141.9	3615303.2	24.4	4.27	23.26	23.26	NO	
L0017780	0	0.74960E-07	492160.0	3615256.6	29.6	4.27	23.26	23.26	NO	
L0017781	0	0.74960E-07	492178.1	3615210.0	33.9	4.27	23.26	23.26	NO	
L0017782	0	0.74960E-07	492196.2	3615163.4	28.8	4.27	23.26	23.26	NO	
L0017783	0	0.74960E-07	492214.3	3615116.8	25.3	4.27	23.26	23.26	NO	
L0017784	0	0.74960E-07	492232.4	3615070.2	26.0	4.27	23.26	23.26	NO	
L0017785	0	0.74960E-07	492250.5	3615023.5	25.9	4.27	23.26	23.26	NO	
L0017786	0	0.74960E-07	492268.5	3614976.9	25.9	4.27	23.26	23.26	NO	
L0017787	0	0.74960E-07	492286.6	3614930.3	28.8	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** 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
L0017788	0	0.74960E-07	492304.6	3614883.6	30.3	4.27	23.26	23.26	NO	
L0017789	0	0.74960E-07	492321.1	3614836.5	30.9	4.27	23.26	23.26	NO	
L0017790	0	0.74960E-07	492337.7	3614789.3	32.5	4.27	23.26	23.26	NO	
L0017791	0	0.74960E-07	492354.2	3614742.1	33.0	4.27	23.26	23.26	NO	
L0017792	0	0.74960E-07	492370.8	3614694.9	31.2	4.27	23.26	23.26	NO	
L0017793	0	0.74960E-07	492387.3	3614647.7	30.4	4.27	23.26	23.26	NO	
L0017794	0	0.74960E-07	492403.9	3614600.6	30.1	4.27	23.26	23.26	NO	
L0017795	0	0.74960E-07	492420.5	3614553.4	31.0	4.27	23.26	23.26	NO	
L0017796	0	0.74960E-07	492437.0	3614506.2	33.6	4.27	23.26	23.26	NO	
L0017797	0	0.74960E-07	492453.6	3614459.0	36.1	4.27	23.26	23.26	NO	
L0017798	0	0.74960E-07	492470.1	3614411.8	31.9	4.27	23.26	23.26	NO	
L0017799	0	0.74960E-07	492486.7	3614364.7	29.9	4.27	23.26	23.26	NO	
L0017800	0	0.74960E-07	492503.2	3614317.5	31.8	4.27	23.26	23.26	NO	
L0017801	0	0.74960E-07	492519.8	3614270.3	29.0	4.27	23.26	23.26	NO	
L0017802	0	0.74960E-07	492536.3	3614223.1	27.8	4.27	23.26	23.26	NO	
L0017803	0	0.74960E-07	492552.9	3614175.9	26.1	4.27	23.26	23.26	NO	
L0017804	0	0.74960E-07	492569.5	3614128.8	23.2	4.27	23.26	23.26	NO	
L0017805	0	0.74960E-07	492586.0	3614081.6	22.5	4.27	23.26	23.26	NO	
L0017806	0	0.74960E-07	492602.6	3614034.4	18.7	4.27	23.26	23.26	NO	
L0017807	0	0.74960E-07	492619.1	3613987.2	18.4	4.27	23.26	23.26	NO	
L0017808	0	0.74960E-07	492641.5	3613943.0	19.7	4.27	23.26	23.26	NO	
L0017809	0	0.74960E-07	492670.0	3613901.9	19.9	4.27	23.26	23.26	NO	
L0017810	0	0.74960E-07	492698.5	3613860.8	20.3	4.27	23.26	23.26	NO	
L0017811	0	0.74960E-07	492726.9	3613819.7	20.7	4.27	23.26	23.26	NO	
L0017812	0	0.74960E-07	492755.4	3613778.6	20.2	4.27	23.26	23.26	NO	
L0017813	0	0.74960E-07	492783.9	3613737.5	20.8	4.27	23.26	23.26	NO	
L0017814	0	0.74960E-07	492812.3	3613696.4	18.9	4.27	23.26	23.26	NO	
L0017815	0	0.74960E-07	492840.8	3613655.3	18.8	4.27	23.26	23.26	NO	
L0017816	0	0.74960E-07	492869.3	3613614.2	20.2	4.27	23.26	23.26	NO	
L0017817	0	0.74960E-07	492897.8	3613573.1	20.0	4.27	23.26	23.26	NO	
L0017818	0	0.74960E-07	492926.2	3613532.0	19.1	4.27	23.26	23.26	NO	
L0017819	0	0.74960E-07	492954.7	3613490.9	19.9	4.27	23.26	23.26	NO	
L0017820	0	0.74960E-07	492983.2	3613449.8	18.7	4.27	23.26	23.26	NO	
L0017821	0	0.74960E-07	493011.7	3613408.7	16.0	4.27	23.26	23.26	NO	
L0009485	0	0.16190E-06	486206.7	3619508.6	21.5	4.27	23.26	23.26	NO	
L0009486	0	0.16190E-06	486256.5	3619512.7	24.4	4.27	23.26	23.26	NO	
L0009487	0	0.16190E-06	486306.3	3619516.8	26.3	4.27	23.26	23.26	NO	
L0009488	0	0.16190E-06	486356.2	3619513.9	30.2	4.27	23.26	23.26	NO	
L0009489	0	0.16190E-06	486406.0	3619509.9	32.9	4.27	23.26	23.26	NO	
L0009490	0	0.16190E-06	486455.9	3619506.2	39.0	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** 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
L0009491	0	0.16190E-06	486505.8	3619503.8	44.7	4.27	23.26	23.26	NO	
L0009492	0	0.16190E-06	486555.8	3619501.4	42.0	4.27	23.26	23.26	NO	
L0009493	0	0.16190E-06	486605.7	3619500.8	40.4	4.27	23.26	23.26	NO	
L0009494	0	0.16190E-06	486655.7	3619501.0	44.5	4.27	23.26	23.26	NO	
L0009495	0	0.16190E-06	486705.7	3619501.2	47.1	4.27	23.26	23.26	NO	
L0009496	0	0.16190E-06	486755.7	3619501.4	52.6	4.27	23.26	23.26	NO	
L0009497	0	0.16190E-06	486805.7	3619501.6	55.0	4.27	23.26	23.26	NO	
L0009498	0	0.18920E-06	486877.8	3619500.5	56.3	4.27	23.26	23.26	NO	
L0009499	0	0.18920E-06	486927.8	3619500.8	52.4	4.27	23.26	23.26	NO	
L0009500	0	0.18920E-06	486977.8	3619501.0	53.0	4.27	23.26	23.26	NO	
L0009501	0	0.18920E-06	487027.8	3619501.2	53.6	4.27	23.26	23.26	NO	
L0009502	0	0.18920E-06	487077.8	3619501.5	57.8	4.27	23.26	23.26	NO	
L0009503	0	0.18920E-06	487127.8	3619501.7	51.3	4.27	23.26	23.26	NO	
L0009504	0	0.18920E-06	487177.8	3619502.0	50.3	4.27	23.26	23.26	NO	
L0009505	0	0.18920E-06	487227.8	3619502.2	52.8	4.27	23.26	23.26	NO	
L0009506	0	0.18920E-06	487277.8	3619502.4	54.6	4.27	23.26	23.26	NO	
L0009507	0	0.18920E-06	487327.8	3619502.7	58.9	4.27	23.26	23.26	NO	
L0009508	0	0.18920E-06	487377.8	3619502.9	52.2	4.27	23.26	23.26	NO	
L0009509	0	0.18920E-06	487427.8	3619503.2	48.3	4.27	23.26	23.26	NO	
L0009510	0	0.16990E-06	487488.5	3619504.3	44.5	4.27	23.26	23.26	NO	
L0009511	0	0.16990E-06	487538.4	3619507.8	47.3	4.27	23.26	23.26	NO	
L0009512	0	0.16990E-06	487588.2	3619511.8	48.0	4.27	23.26	23.26	NO	
L0009513	0	0.16990E-06	487637.9	3619517.0	48.6	4.27	23.26	23.26	NO	
L0009514	0	0.16990E-06	487687.7	3619522.1	47.7	4.27	23.26	23.26	NO	
L0009515	0	0.16990E-06	487737.1	3619529.9	47.0	4.27	23.26	23.26	NO	
L0009516	0	0.16990E-06	487786.3	3619538.3	48.7	4.27	23.26	23.26	NO	
L0009517	0	0.16990E-06	487835.4	3619547.8	51.8	4.27	23.26	23.26	NO	
L0009518	0	0.16990E-06	487883.9	3619560.1	52.2	4.27	23.26	23.26	NO	
L0009519	0	0.16990E-06	487931.8	3619574.2	54.1	4.27	23.26	23.26	NO	
L0009520	0	0.16990E-06	487979.2	3619590.3	54.1	4.27	23.26	23.26	NO	
L0009521	0	0.16990E-06	488026.5	3619606.3	52.0	4.27	23.26	23.26	NO	
L0009522	0	0.16990E-06	488073.7	3619622.8	52.9	4.27	23.26	23.26	NO	
L0009523	0	0.16990E-06	488120.3	3619641.0	53.9	4.27	23.26	23.26	NO	
L0009524	0	0.16990E-06	488166.8	3619659.3	47.9	4.27	23.26	23.26	NO	
L0009525	0	0.16430E-06	488201.3	3619670.5	44.6	4.27	23.26	23.26	NO	
L0009526	0	0.16430E-06	488247.9	3619688.5	41.1	4.27	23.26	23.26	NO	
L0009527	0	0.16430E-06	488294.6	3619706.5	37.5	4.27	23.26	23.26	NO	
L0009528	0	0.16430E-06	488341.2	3619724.5	36.8	4.27	23.26	23.26	NO	
L0009529	0	0.16430E-06	488387.9	3619742.4	35.0	4.27	23.26	23.26	NO	
L0009530	0	0.16430E-06	488434.5	3619760.4	34.2	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** 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
L0009531	0	0.16430E-06	488481.2	3619778.4	32.2	4.27	23.26	23.26	NO	
L0009532	0	0.16430E-06	488529.4	3619791.6	32.0	4.27	23.26	23.26	NO	
L0009533	0	0.16430E-06	488577.7	3619804.7	28.8	4.27	23.26	23.26	NO	
L0009534	0	0.16430E-06	488625.9	3619817.7	30.9	4.27	23.26	23.26	NO	
L0009535	0	0.16430E-06	488674.2	3619830.8	29.9	4.27	23.26	23.26	NO	
L0009536	0	0.16430E-06	488722.5	3619843.8	30.3	4.27	23.26	23.26	NO	
L0009537	0	0.16430E-06	488770.8	3619856.8	28.7	4.27	23.26	23.26	NO	
L0009538	0	0.16430E-06	488819.0	3619869.9	27.7	4.27	23.26	23.26	NO	
L0009539	0	0.16430E-06	488867.3	3619882.9	26.6	4.27	23.26	23.26	NO	
L0009540	0	0.16430E-06	488915.6	3619896.0	23.6	4.27	23.26	23.26	NO	
L0009541	0	0.18710E-06	488978.5	3619911.8	23.7	4.27	23.26	23.26	NO	
L0009542	0	0.18710E-06	489027.4	3619922.1	26.0	4.27	23.26	23.26	NO	
L0009543	0	0.18710E-06	489076.4	3619932.4	25.4	4.27	23.26	23.26	NO	
L0009544	0	0.18710E-06	489125.3	3619942.7	27.0	4.27	23.26	23.26	NO	
L0009545	0	0.18710E-06	489174.2	3619953.0	25.4	4.27	23.26	23.26	NO	
L0009546	0	0.18710E-06	489223.1	3619963.3	23.5	4.27	23.26	23.26	NO	
L0009547	0	0.18710E-06	489272.1	3619973.6	25.9	4.27	23.26	23.26	NO	
L0009548	0	0.18710E-06	489320.9	3619984.3	28.7	4.27	23.26	23.26	NO	
L0009549	0	0.18710E-06	489369.5	3619996.2	29.6	4.27	23.26	23.26	NO	
L0009550	0	0.18710E-06	489418.0	3620008.1	27.3	4.27	23.26	23.26	NO	
L0009551	0	0.18710E-06	489466.6	3620020.0	27.4	4.27	23.26	23.26	NO	
L0009552	0	0.18710E-06	489515.2	3620031.9	28.3	4.27	23.26	23.26	NO	
L0009553	0	0.18710E-06	489563.8	3620043.4	28.3	4.27	23.26	23.26	NO	
L0009554	0	0.18710E-06	489613.0	3620052.2	32.7	4.27	23.26	23.26	NO	
L0009555	0	0.17790E-06	489668.5	3620054.8	34.8	4.27	23.26	23.26	NO	
L0009556	0	0.17790E-06	489718.5	3620052.4	37.8	4.27	23.26	23.26	NO	
L0009557	0	0.17790E-06	489768.4	3620049.8	40.6	4.27	23.26	23.26	NO	
L0009558	0	0.17790E-06	489818.3	3620046.9	39.9	4.27	23.26	23.26	NO	
L0009559	0	0.17790E-06	489868.2	3620047.4	36.3	4.27	23.26	23.26	NO	
L0009560	0	0.17790E-06	489918.1	3620051.1	38.9	4.27	23.26	23.26	NO	
L0009561	0	0.17790E-06	489967.4	3620058.8	38.6	4.27	23.26	23.26	NO	
L0009562	0	0.17790E-06	490016.5	3620068.0	40.0	4.27	23.26	23.26	NO	
L0009563	0	0.17790E-06	490064.9	3620080.6	41.5	4.27	23.26	23.26	NO	
L0009564	0	0.17790E-06	490113.3	3620093.1	44.0	4.27	23.26	23.26	NO	
L0009565	0	0.17790E-06	490161.7	3620105.7	44.4	4.27	23.26	23.26	NO	
L0009566	0	0.17790E-06	490210.1	3620118.2	44.0	4.27	23.26	23.26	NO	
L0009567	0	0.17790E-06	490259.2	3620127.9	43.8	4.27	23.26	23.26	NO	
L0009568	0	0.17790E-06	490308.4	3620136.7	46.7	4.27	23.26	23.26	NO	
L0009569	0	0.17790E-06	490357.9	3620143.6	45.4	4.27	23.26	23.26	NO	
L0017366	0	0.28680E-07	490390.9	3620144.7	44.4	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** 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
L0017367	0	0.28680E-07	490440.9	3620145.2	49.6	4.27	23.26	23.26	NO	
L0017368	0	0.28680E-07	490490.9	3620145.7	54.6	4.27	23.26	23.26	NO	
L0017369	0	0.28680E-07	490540.9	3620146.2	57.0	4.27	23.26	23.26	NO	
L0017370	0	0.28680E-07	490590.9	3620146.7	56.9	4.27	23.26	23.26	NO	
L0017371	0	0.28680E-07	490640.9	3620147.2	59.8	4.27	23.26	23.26	NO	
L0017372	0	0.28680E-07	490690.9	3620147.6	62.5	4.27	23.26	23.26	NO	
L0017373	0	0.28680E-07	490740.9	3620148.1	65.8	4.27	23.26	23.26	NO	
L0017374	0	0.28680E-07	490790.9	3620148.6	67.2	4.27	23.26	23.26	NO	
L0017375	0	0.28680E-07	490840.9	3620149.1	64.3	4.27	23.26	23.26	NO	
L0017376	0	0.28680E-07	490890.9	3620149.6	64.7	4.27	23.26	23.26	NO	
L0017377	0	0.28680E-07	490940.9	3620149.8	66.4	4.27	23.26	23.26	NO	
L0017378	0	0.28680E-07	490990.8	3620146.3	68.4	4.27	23.26	23.26	NO	
L0017379	0	0.28680E-07	491039.6	3620136.5	67.3	4.27	23.26	23.26	NO	
L0017380	0	0.28680E-07	491088.0	3620124.2	65.7	4.27	23.26	23.26	NO	
L0017381	0	0.28680E-07	491134.7	3620106.5	64.1	4.27	23.26	23.26	NO	
L0017382	0	0.28680E-07	491180.9	3620087.5	67.1	4.27	23.26	23.26	NO	
L0017383	0	0.28680E-07	491227.2	3620068.4	66.6	4.27	23.26	23.26	NO	
L0017384	0	0.28680E-07	491273.4	3620049.4	64.5	4.27	23.26	23.26	NO	
L0017385	0	0.28680E-07	491320.6	3620033.4	63.7	4.27	23.26	23.26	NO	
L0017386	0	0.28680E-07	491369.6	3620023.7	62.0	4.27	23.26	23.26	NO	
L0017387	0	0.28680E-07	491419.1	3620018.1	62.0	4.27	23.26	23.26	NO	
L0017388	0	0.28680E-07	491469.1	3620017.0	61.7	4.27	23.26	23.26	NO	
L0017389	0	0.28680E-07	491519.1	3620016.0	61.4	4.27	23.26	23.26	NO	
L0017390	0	0.28680E-07	491569.1	3620014.9	61.2	4.27	23.26	23.26	NO	
L0017391	0	0.28680E-07	491619.1	3620013.8	62.7	4.27	23.26	23.26	NO	
L0017392	0	0.28680E-07	491669.1	3620012.7	64.1	4.27	23.26	23.26	NO	
L0017393	0	0.28680E-07	491719.1	3620011.9	62.7	4.27	23.26	23.26	NO	
L0017394	0	0.28680E-07	491769.0	3620011.2	60.1	4.27	23.26	23.26	NO	
L0017395	0	0.28680E-07	491819.0	3620010.4	64.9	4.27	23.26	23.26	NO	
L0017396	0	0.28680E-07	491869.0	3620009.7	63.3	4.27	23.26	23.26	NO	
L0017397	0	0.28680E-07	491919.0	3620010.4	61.3	4.27	23.26	23.26	NO	
L0017398	0	0.28680E-07	491968.6	3620016.1	62.3	4.27	23.26	23.26	NO	
L0017399	0	0.28680E-07	492016.1	3620031.6	62.3	4.27	23.26	23.26	NO	
L0017400	0	0.28680E-07	492063.7	3620047.0	66.3	4.27	23.26	23.26	NO	
L0017401	0	0.28680E-07	492111.2	3620062.5	62.1	4.27	23.26	23.26	NO	
L0017402	0	0.28680E-07	492158.8	3620077.9	58.1	4.27	23.26	23.26	NO	
L0017403	0	0.28680E-07	492205.8	3620094.5	58.8	4.27	23.26	23.26	NO	
L0017404	0	0.28680E-07	492246.4	3620123.7	61.0	4.27	23.26	23.26	NO	
L0017405	0	0.28680E-07	492286.9	3620153.0	62.5	4.27	23.26	23.26	NO	
L0017406	0	0.28680E-07	492325.4	3620184.8	62.1	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** 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
L0017407	0	0.28680E-07	492363.2	3620217.5	60.7	4.27	23.26	23.26	NO	
L0017408	0	0.28680E-07	492400.1	3620251.3	62.0	4.27	23.26	23.26	NO	
L0017409	0	0.28680E-07	492437.0	3620285.0	61.1	4.27	23.26	23.26	NO	
L0017410	0	0.28680E-07	492473.9	3620318.8	60.3	4.27	23.26	23.26	NO	
L0017411	0	0.28680E-07	492510.8	3620352.5	61.2	4.27	23.26	23.26	NO	
L0017412	0	0.28680E-07	492547.7	3620386.3	61.5	4.27	23.26	23.26	NO	
L0017413	0	0.28680E-07	492584.9	3620419.7	62.5	4.27	23.26	23.26	NO	
L0017414	0	0.28680E-07	492622.6	3620452.5	63.6	4.27	23.26	23.26	NO	
L0017415	0	0.28680E-07	492660.4	3620485.3	65.3	4.27	23.26	23.26	NO	
L0017416	0	0.28680E-07	492698.1	3620518.1	64.2	4.27	23.26	23.26	NO	
L0017417	0	0.28680E-07	492735.8	3620550.9	64.5	4.27	23.26	23.26	NO	
L0017418	0	0.28680E-07	492773.6	3620583.7	65.2	4.27	23.26	23.26	NO	
L0017419	0	0.28680E-07	492811.3	3620616.5	65.8	4.27	23.26	23.26	NO	
L0017420	0	0.28680E-07	492849.0	3620649.3	67.8	4.27	23.26	23.26	NO	
L0017421	0	0.28680E-07	492886.8	3620682.1	70.2	4.27	23.26	23.26	NO	
L0017422	0	0.28680E-07	492924.5	3620714.9	72.3	4.27	23.26	23.26	NO	
L0017423	0	0.28680E-07	492962.2	3620747.7	68.7	4.27	23.26	23.26	NO	
L0017424	0	0.28680E-07	493000.0	3620780.5	74.5	4.27	23.26	23.26	NO	
L0017425	0	0.28680E-07	493037.7	3620813.3	79.4	4.27	23.26	23.26	NO	
L0017426	0	0.28680E-07	493075.4	3620846.1	76.3	4.27	23.26	23.26	NO	
L0017427	0	0.28680E-07	493113.1	3620878.9	76.3	4.27	23.26	23.26	NO	
L0017428	0	0.28680E-07	493150.9	3620911.8	75.2	4.27	23.26	23.26	NO	
L0017429	0	0.28680E-07	493188.6	3620944.6	78.7	4.27	23.26	23.26	NO	
L0017430	0	0.28680E-07	493226.3	3620977.4	80.6	4.27	23.26	23.26	NO	
L0017431	0	0.28680E-07	493264.1	3621010.2	78.1	4.27	23.26	23.26	NO	
L0017432	0	0.28680E-07	493306.7	3621035.3	77.6	4.27	23.26	23.26	NO	
L0017433	0	0.28680E-07	493352.2	3621056.0	77.3	4.27	23.26	23.26	NO	
L0017434	0	0.28680E-07	493397.8	3621076.7	81.6	4.27	23.26	23.26	NO	
L0017435	0	0.28680E-07	493443.3	3621097.4	82.7	4.27	23.26	23.26	NO	
L0017436	0	0.28680E-07	493488.8	3621118.1	80.2	4.27	23.26	23.26	NO	
L0017437	0	0.28680E-07	493534.3	3621138.8	82.9	4.27	23.26	23.26	NO	
L0017438	0	0.28680E-07	493579.8	3621159.5	81.5	4.27	23.26	23.26	NO	
L0017439	0	0.28680E-07	493625.3	3621180.2	82.2	4.27	23.26	23.26	NO	
L0017440	0	0.28680E-07	493670.8	3621200.9	84.6	4.27	23.26	23.26	NO	
L0017441	0	0.28680E-07	493716.4	3621221.6	83.2	4.27	23.26	23.26	NO	
L0017442	0	0.28680E-07	493761.8	3621242.4	85.5	4.27	23.26	23.26	NO	
L0017443	0	0.28680E-07	493807.3	3621263.2	88.6	4.27	23.26	23.26	NO	
L0017444	0	0.28680E-07	493852.7	3621284.1	89.1	4.27	23.26	23.26	NO	
L0017445	0	0.28680E-07	493898.2	3621304.9	90.0	4.27	23.26	23.26	NO	
L0017446	0	0.28680E-07	493943.6	3621325.8	90.8	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** 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
L0017447	0	0.28680E-07	493988.8	3621347.1	90.3	4.27	23.26	23.26	NO	
L0017448	0	0.28680E-07	494029.7	3621375.9	90.9	4.27	23.26	23.26	NO	
L0017449	0	0.28680E-07	494070.6	3621404.6	94.4	4.27	23.26	23.26	NO	
L0017450	0	0.28680E-07	494111.5	3621433.3	95.7	4.27	23.26	23.26	NO	
L0017451	0	0.28680E-07	494152.1	3621462.6	97.3	4.27	23.26	23.26	NO	
L0017452	0	0.28680E-07	494191.0	3621493.9	100.2	4.27	23.26	23.26	NO	
L0017453	0	0.28680E-07	494230.0	3621525.3	100.4	4.27	23.26	23.26	NO	
L0017454	0	0.28680E-07	494268.9	3621556.7	101.0	4.27	23.26	23.26	NO	
L0017455	0	0.28680E-07	494307.7	3621588.2	100.9	4.27	23.26	23.26	NO	
L0017456	0	0.28680E-07	494344.7	3621621.9	104.2	4.27	23.26	23.26	NO	
L0017457	0	0.28680E-07	494381.6	3621655.5	104.6	4.27	23.26	23.26	NO	
L0017458	0	0.28680E-07	494418.6	3621689.2	105.9	4.27	23.26	23.26	NO	
L0017459	0	0.28680E-07	494455.6	3621722.8	106.5	4.27	23.26	23.26	NO	
L0017460	0	0.28680E-07	494489.4	3621759.5	108.3	4.27	23.26	23.26	NO	
L0017461	0	0.28680E-07	494521.2	3621798.1	112.2	4.27	23.26	23.26	NO	
L0017462	0	0.28680E-07	494553.0	3621836.7	113.1	4.27	23.26	23.26	NO	
L0017463	0	0.28680E-07	494584.8	3621875.3	112.8	4.27	23.26	23.26	NO	
L0017464	0	0.28680E-07	494614.7	3621915.4	113.6	4.27	23.26	23.26	NO	
L0017465	0	0.28680E-07	494644.5	3621955.5	112.5	4.27	23.26	23.26	NO	
L0017466	0	0.28680E-07	494674.4	3621995.5	111.0	4.27	23.26	23.26	NO	
L0017467	0	0.28680E-07	494704.3	3622035.6	111.5	4.27	23.26	23.26	NO	
L0017468	0	0.28680E-07	494734.2	3622075.7	109.8	4.27	23.26	23.26	NO	
L0017469	0	0.28680E-07	494764.1	3622115.8	111.1	4.27	23.26	23.26	NO	
L0017470	0	0.28680E-07	494794.3	3622155.6	114.2	4.27	23.26	23.26	NO	
L0017471	0	0.28680E-07	494825.5	3622194.7	113.5	4.27	23.26	23.26	NO	
L0017472	0	0.28680E-07	494856.8	3622233.7	112.5	4.27	23.26	23.26	NO	
L0017473	0	0.28680E-07	494888.0	3622272.7	111.1	4.27	23.26	23.26	NO	
L0017474	0	0.28680E-07	494919.3	3622311.8	112.9	4.27	23.26	23.26	NO	
L0017475	0	0.28680E-07	494950.5	3622350.8	114.7	4.27	23.26	23.26	NO	
L0017476	0	0.28680E-07	494981.8	3622389.8	113.9	4.27	23.26	23.26	NO	
L0017477	0	0.28680E-07	495013.0	3622428.9	116.2	4.27	23.26	23.26	NO	
L0017478	0	0.28680E-07	495044.3	3622467.9	118.8	4.27	23.26	23.26	NO	
L0017479	0	0.28680E-07	495075.5	3622506.9	121.3	4.27	23.26	23.26	NO	
L0017480	0	0.28680E-07	495109.7	3622543.2	122.0	4.27	23.26	23.26	NO	
L0017481	0	0.28680E-07	495146.3	3622577.3	120.9	4.27	23.26	23.26	NO	
L0017482	0	0.28680E-07	495182.9	3622611.3	120.4	4.27	23.26	23.26	NO	
L0017483	0	0.28680E-07	495219.6	3622645.4	125.8	4.27	23.26	23.26	NO	
L0017484	0	0.28680E-07	495256.2	3622679.4	126.3	4.27	23.26	23.26	NO	
L0017485	0	0.28680E-07	495292.8	3622713.5	128.9	4.27	23.26	23.26	NO	

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	L0017541 , L0017542 , L0017543 , L0017544 , L0017545 , L0017546 , L0017547 , L0017548 ,
	L0017549 , L0017550 , L0017551 , L0017552 , L0017553 , L0017554 , L0017555 , L0017556 ,
	L0017557 , L0017558 , L0017559 , L0017560 , L0017561 , L0017562 , L0017563 , L0017564 ,
	L0017565 , L0017566 , L0017567 , L0017568 , L0017569 , L0017570 , L0017571 , L0017572 ,
	L0017573 , L0017574 , L0017575 , L0017576 , L0017577 , L0017578 , L0017579 , L0017580 ,
	L0009124 , L0009125 , L0009126 , L0009127 , L0009128 , L0009129 , L0009130 , L0009131 ,
	L0009132 , L0009133 , L0009134 , L0009135 , L0009136 , L0009137 , L0009138 , L0009139 ,
	L0009140 , L0017822 , L0017823 , L0017824 , L0017825 , L0017826 , L0017827 , L0017828 ,
	L0017829 , L0017830 , L0017831 , L0017832 , L0017833 , L0017834 , L0017835 , L0017836 ,
	L0017837 , L0009157 , L0009158 , L0009159 , L0009160 , L0009161 , L0009162 , L0009163 ,
	L0009164 , L0009165 , L0009166 , L0009167 , L0009168 , L0009169 , L0009170 , L0009171 ,
	L0009172 , L0009173 , L0009174 , L0009175 , L0009176 , L0009177 , L0009178 , L0009179 ,
	L0009180 , L0009181 , L0009182 , L0009183 , L0009184 , L0009185 , L0009186 , L0009187 ,
	L0009188 , L0009189 , L0009190 , L0009191 , L0009192 , L0009193 , L0009194 , L0009195 ,
	L0009196 , L0009197 , L0009198 , L0009199 , L0009200 , L0009201 , L0017581 , L0017582 ,
	L0017583 , L0017584 , L0017585 , L0017586 , L0017587 , L0017588 , L0017589 , L0017590 ,
	L0017591 , L0017592 , L0017593 , L0017594 , L0017595 , L0017596 , L0017597 , L0017598 ,
	L0017599 , L0017600 , L0017601 , L0017602 , L0017603 , L0017604 , L0017605 , L0017606 ,
	L0017607 , L0017608 , L0017609 , L0017610 , L0017611 , L0017612 , L0017613 , L0017614 ,
	L0017615 , L0017616 , L0017617 , L0017618 , L0017619 , L0017620 , L0017621 , L0017622 ,

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

L0017623 , L0017624 , L0017625 , L0017626 , L0017627 , L0017628 , L0017629 , L0017630 ,
L0017631 , L0017632 , L0017633 , L0017634 , L0017635 , L0017636 , L0017637 , L0017638 ,
L0017639 , L0017640 , L0017641 , L0017642 , L0017643 , L0017644 , L0017645 , L0017646 ,
L0017647 , L0017648 , L0017649 , L0017650 , L0017651 , L0017652 , L0017653 , L0017654 ,
L0017655 , L0017656 , L0017657 , L0017658 , L0017659 , L0017660 , L0017661 , L0017662 ,
L0017663 , L0017664 , L0017665 , L0017666 , L0017667 , L0017668 , L0017669 , L0017670 ,
L0017671 , L0017672 , L0017673 , L0017674 , L0017675 , L0017676 , L0017677 , L0017678 ,
L0017679 , L0017680 , L0017681 , L0017682 , L0017683 , L0017684 , L0017685 , L0017686 ,
L0017687 , L0017688 , L0017689 , L0017690 , L0017691 , L0017692 , L0017693 , L0017694 ,
L0017695 , L0017696 , L0017697 , L0017698 , L0017699 , L0017700 , L0017701 , L0017702 ,
L0017703 , L0017704 , L0017705 , L0017706 , L0017707 , L0017708 , L0017709 , L0017710 ,
L0017711 , L0017712 , L0017713 , L0017714 , L0017715 , L0017716 , L0017717 , L0017718 ,
L0017719 , L0017720 , L0017721 , L0017722 , L0017723 , L0017724 , L0017725 , L0017726 ,
L0017727 , L0017728 , L0017729 , L0017730 , L0017731 , L0017732 , L0017733 , L0017734 ,
L0017735 , L0017736 , L0017737 , L0017738 , L0017739 , L0017740 , L0017741 , L0017742 ,
L0009279 , L0009280 , L0009281 , L0009282 , L0009283 , L0009284 , L0009285 , L0009286 ,
L0009287 , L0009288 , L0009289 , L0009290 , L0009310 , L0009311 , L0009312 , L0009313 ,
L0009314 , L0009315 , L0009316 , L0009317 , L0009318 , L0009319 , L0009320 , L0009321 ,
L0009322 , L0009323 , L0009324 , L0009325 , L0009326 , L0009327 , L0009328 , L0009329 ,
L0009330 , L0009331 , L0009332 , L0009333 , L0009334 , L0009335 , L0009336 , L0009337 ,

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID   SOURCE IDs

L0009338 , L0009339 , L0009340 , L0009341 , L0009342 , L0009343 , L0009344 , L0009345 ,
L0009346 , L0009347 , L0009348 , L0009349 , L0009350 , L0009351 , L0009352 , L0009353 ,
L0009354 , L0009355 , L0009356 , L0009357 , L0009358 , L0009359 , L0009360 , L0009361 ,
L0009362 , L0009363 , L0009364 , L0009365 , L0017486 , L0017487 , L0017488 , L0017489 ,
L0017490 , L0017491 , L0017492 , L0017493 , L0017494 , L0017495 , L0017496 , L0017497 ,
L0017498 , L0017499 , L0017500 , L0017501 , L0017502 , L0017503 , L0017504 , L0017505 ,
L0017506 , L0017507 , L0017508 , L0017509 , L0017510 , L0017511 , L0017512 , L0017513 ,
L0017514 , L0017515 , L0017516 , L0017517 , L0017518 , L0017519 , L0017520 , L0017521 ,
L0017522 , L0017523 , L0017524 , L0017525 , L0017526 , L0017527 , L0017528 , L0017529 ,
L0017530 , L0017531 , L0017532 , L0017533 , L0017534 , L0017535 , L0017536 , L0017537 ,
L0017538 , L0017539 , L0017540 , L0009381 , L0009382 , L0009383 , L0009384 , L0009385 ,
L0009386 , L0009387 , L0009388 , L0009389 , L0009390 , L0009391 , L0009392 , L0009393 ,
L0009394 , L0009395 , L0009396 , L0009397 , L0009398 , L0009399 , L0009400 , L0009401 ,
L0009402 , L0009403 , L0009404 , L0009405 , L0009406 , L0009407 , L0009408 , L0009409 ,
L0009410 , L0009411 , L0009412 , L0009413 , L0009414 , L0009415 , L0009416 , L0009417 ,
L0009418 , L0009419 , L0009420 , L0009421 , L0009422 , L0009423 , L0009424 , L0009425 ,
L0009426 , L0009427 , L0009428 , L0009429 , L0009430 , L0009431 , L0009432 , L0009433 ,
L0009434 , L0009435 , L0009436 , L0009437 , L0009438 , L0009439 , L0009440 , L0009441 ,
L0009442 , L0009443 , L0009444 , L0009445 , L0009446 , L0009447 , L0009448 , L0009449 ,
L0009450 , L0009451 , L0009452 , L0017743 , L0017744 , L0017745 , L0017746 , L0017747 ,

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

L0017748 , L0017749 , L0017750 , L0017751 , L0017752 , L0017753 , L0017754 , L0017755 ,
L0017756 , L0017757 , L0017758 , L0017759 , L0017760 , L0017761 , L0017762 , L0017763 ,
L0017764 , L0017765 , L0017766 , L0017767 , L0017768 , L0017769 , L0017770 , L0017771 ,
L0017772 , L0017773 , L0017774 , L0017775 , L0017776 , L0017777 , L0017778 , L0017779 ,
L0017780 , L0017781 , L0017782 , L0017783 , L0017784 , L0017785 , L0017786 , L0017787 ,
L0017788 , L0017789 , L0017790 , L0017791 , L0017792 , L0017793 , L0017794 , L0017795 ,
L0017796 , L0017797 , L0017798 , L0017799 , L0017800 , L0017801 , L0017802 , L0017803 ,
L0017804 , L0017805 , L0017806 , L0017807 , L0017808 , L0017809 , L0017810 , L0017811 ,
L0017812 , L0017813 , L0017814 , L0017815 , L0017816 , L0017817 , L0017818 , L0017819 ,
L0017820 , L0017821 , L0009485 , L0009486 , L0009487 , L0009488 , L0009489 , L0009490 ,
L0009491 , L0009492 , L0009493 , L0009494 , L0009495 , L0009496 , L0009497 , L0009498 ,
L0009499 , L0009500 , L0009501 , L0009502 , L0009503 , L0009504 , L0009505 , L0009506 ,
L0009507 , L0009508 , L0009509 , L0009510 , L0009511 , L0009512 , L0009513 , L0009514 ,
L0009515 , L0009516 , L0009517 , L0009518 , L0009519 , L0009520 , L0009521 , L0009522 ,
L0009523 , L0009524 , L0009525 , L0009526 , L0009527 , L0009528 , L0009529 , L0009530 ,
L0009531 , L0009532 , L0009533 , L0009534 , L0009535 , L0009536 , L0009537 , L0009538 ,
L0009539 , L0009540 , L0009541 , L0009542 , L0009543 , L0009544 , L0009545 , L0009546 ,
L0009547 , L0009548 , L0009549 , L0009550 , L0009551 , L0009552 , L0009553 , L0009554 ,
L0009555 , L0009556 , L0009557 , L0009558 , L0009559 , L0009560 , L0009561 , L0009562 ,
L0009563 , L0009564 , L0009565 , L0009566 , L0009567 , L0009568 , L0009569 , L0017366 ,

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID   SOURCE IDs

L0017367 , L0017368 , L0017369 , L0017370 , L0017371 , L0017372 , L0017373 , L0017374 ,
L0017375 , L0017376 , L0017377 , L0017378 , L0017379 , L0017380 , L0017381 , L0017382 ,
L0017383 , L0017384 , L0017385 , L0017386 , L0017387 , L0017388 , L0017389 , L0017390 ,
L0017391 , L0017392 , L0017393 , L0017394 , L0017395 , L0017396 , L0017397 , L0017398 ,
L0017399 , L0017400 , L0017401 , L0017402 , L0017403 , L0017404 , L0017405 , L0017406 ,
L0017407 , L0017408 , L0017409 , L0017410 , L0017411 , L0017412 , L0017413 , L0017414 ,
L0017415 , L0017416 , L0017417 , L0017418 , L0017419 , L0017420 , L0017421 , L0017422 ,
L0017423 , L0017424 , L0017425 , L0017426 , L0017427 , L0017428 , L0017429 , L0017430 ,
L0017431 , L0017432 , L0017433 , L0017434 , L0017435 , L0017436 , L0017437 , L0017438 ,
L0017439 , L0017440 , L0017441 , L0017442 , L0017443 , L0017444 , L0017445 , L0017446 ,
L0017447 , L0017448 , L0017449 , L0017450 , L0017451 , L0017452 , L0017453 , L0017454 ,
L0017455 , L0017456 , L0017457 , L0017458 , L0017459 , L0017460 , L0017461 , L0017462 ,
L0017463 , L0017464 , L0017465 , L0017466 , L0017467 , L0017468 , L0017469 , L0017470 ,
L0017471 , L0017472 , L0017473 , L0017474 , L0017475 , L0017476 , L0017477 , L0017478 ,
L0017479 , L0017480 , L0017481 , L0017482 , L0017483 , L0017484 , L0017485 ,

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

485462.1, 485612.1, 485762.1, 485912.1, 486062.1, 486212.1, 486362.1, 486512.1, 486662.1, 486812.1,
486962.1, 487112.1, 487262.1, 487412.1, 487562.1, 487712.1, 487862.1, 488012.1, 488162.1, 488312.1,
488462.1, 488612.1, 488762.1, 488912.1, 489062.1, 489212.1, 489362.1, 489512.1, 489662.1, 489812.1,
489962.1, 490112.1, 490262.1, 490412.1, 490562.1, 490712.1, 490862.1, 491012.1, 491162.1, 491312.1,
491462.1, 491612.1, 491762.1, 491912.1, 492062.1, 492212.1, 492362.1, 492512.1, 492662.1, 492812.1,
492962.1, 493112.1, 493262.1, 493412.1, 493562.1, 493712.1, 493862.1, 494012.1, 494162.1, 494312.1,
494462.1, 494612.1, 494762.1, 494912.1, 495062.1, 495212.1, 495362.1, 495512.1, 495662.1, 495812.1,

*** Y-COORDINATES OF GRID ***
(METERS)

3613645.0, 3613795.0, 3613945.0, 3614095.0, 3614245.0, 3614395.0, 3614545.0, 3614695.0, 3614845.0, 3614995.0,
3615145.0, 3615295.0, 3615445.0, 3615595.0, 3615745.0, 3615895.0, 3616045.0, 3616195.0, 3616345.0, 3616495.0,
3616645.0, 3616795.0, 3616945.0, 3617095.0, 3617245.0, 3617395.0, 3617545.0, 3617695.0, 3617845.0, 3617995.0,
3618145.0, 3618295.0, 3618445.0, 3618595.0, 3618745.0, 3618895.0, 3619045.0, 3619195.0, 3619345.0, 3619495.0,
3619645.0, 3619795.0, 3619945.0, 3620095.0, 3620245.0, 3620395.0, 3620545.0, 3620695.0, 3620845.0, 3620995.0,
3621145.0, 3621295.0, 3621445.0, 3621595.0, 3621745.0, 3621895.0, 3622045.0, 3622195.0, 3622345.0, 3622495.0,

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485462.11	485612.11	485762.11	485912.11	486062.11	486212.11	486362.11	486512.11	486662.11
3622494.98	75.90	88.80	91.60	87.30	90.00	94.80	84.50	66.80	82.70
3622344.98	76.50	83.50	88.80	87.70	94.60	93.80	83.60	59.50	82.70
3622194.98	66.60	85.00	84.80	92.90	91.90	90.20	85.20	56.80	66.60
3622044.98	61.20	77.30	71.50	78.80	91.70	90.30	79.60	53.90	66.70
3621894.98	63.00	70.00	75.90	85.90	90.00	102.30	87.20	49.30	72.00
3621744.98	55.90	60.40	77.20	83.40	90.20	92.40	80.60	50.40	64.30
3621594.98	55.40	64.00	87.00	87.70	94.80	93.30	87.10	46.90	64.90
3621444.98	52.60	69.50	84.20	86.00	88.30	91.80	83.00	51.90	54.70
3621294.98	47.00	69.00	81.30	77.30	70.20	88.10	76.50	58.30	54.40
3621144.98	53.90	75.90	78.10	68.20	74.90	81.00	78.80	63.40	45.60
3620994.98	56.50	71.60	70.30	69.40	71.90	70.70	73.70	58.00	48.50
3620844.98	47.40	64.00	72.30	65.00	74.20	74.80	64.20	55.70	41.60
3620694.98	44.00	56.80	53.90	60.50	63.10	70.80	60.20	51.90	38.00
3620544.98	45.10	46.10	55.90	55.00	52.10	61.30	66.80	42.10	30.90
3620394.98	42.20	48.00	53.70	42.80	50.00	38.70	52.20	34.10	34.70
3620244.98	31.30	45.40	47.80	40.80	45.30	39.90	26.20	29.40	53.90
3620094.98	28.70	35.00	45.00	37.80	35.10	34.60	21.50	47.10	59.20
3619944.98	28.70	31.40	30.20	25.50	22.80	24.30	35.80	48.80	58.20
3619794.98	26.70	22.00	21.60	23.60	23.50	27.40	34.90	47.80	57.10
3619644.98	18.90	23.80	20.80	25.90	34.40	24.20	33.40	43.70	54.10
3619494.98	16.90	23.00	17.60	16.00	22.80	22.00	31.60	44.70	45.10
3619344.98	17.00	18.80	16.10	12.00	16.00	21.50	33.00	37.90	43.70
3619194.98	14.80	16.90	15.50	9.80	15.80	24.30	33.00	35.80	37.80
3619044.98	10.00	11.10	8.10	8.10	15.10	20.20	30.80	33.20	31.90
3618894.98	7.00	5.90	4.20	6.30	17.50	20.80	29.70	28.70	25.20
3618744.98	6.20	6.50	4.80	5.00	10.80	18.80	21.40	18.70	19.00
3618594.98	3.80	4.80	6.80	4.20	11.50	12.30	13.20	16.90	14.00
3618444.98	3.10	5.00	3.00	5.70	7.20	12.30	16.80	14.10	16.50
3618294.98	2.10	1.10	1.30	5.20	9.20	13.10	15.80	20.00	23.20
3618144.98	7.50	5.00	0.00	4.50	11.80	7.50	11.80	13.90	22.20
3617994.98	5.30	7.60	3.20	5.10	7.10	10.10	11.10	16.60	18.40
3617844.98	5.00	5.70	2.80	0.40	6.00	5.20	12.30	13.70	14.80
3617694.98	3.70	1.20	0.90	12.50	2.00	5.80	6.50	6.50	11.80
3617544.98	0.00	4.40	1.70	1.90	-1.80	5.20	8.00	6.60	6.90
3617394.98	0.00	0.00	3.70	1.70	-3.60	6.50	4.20	5.00	9.90
3617244.98	0.00	0.00	0.00	0.10	3.60	0.80	0.90	2.20	5.20
3617094.98	0.00	0.00	0.00	0.00	0.00	0.00	7.50	2.00	5.80
3616944.98	0.00	0.00	0.00	0.00	0.00	0.00	1.00	5.60	0.00
3616794.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3616644.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485462.11	485612.11	485762.11	485912.11	486062.11	486212.11	486362.11	486512.11	486662.11
3616494.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3616344.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3616194.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3616044.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615894.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615744.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615594.98	3.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615444.98	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615294.98	-1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615144.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614994.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614844.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614694.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614544.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614394.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614244.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614094.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3613944.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3613794.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3613644.98	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	486812.11	486962.11	487112.11	487262.11	487412.11	487562.11	487712.11	487862.11	488012.11
3622494.98	88.30	90.60	90.00	88.50	102.80	100.90	100.80	99.30	103.80
3622344.98	86.80	88.10	84.40	84.10	96.60	100.10	101.90	98.80	101.00
3622194.98	79.40	85.10	84.00	81.90	90.90	99.30	99.80	95.80	94.80
3622044.98	76.00	84.80	79.90	84.10	87.30	96.00	99.90	95.90	93.80
3621894.98	76.60	81.10	77.30	79.90	79.10	94.90	95.90	86.70	83.40
3621744.98	80.10	81.40	78.50	80.90	79.70	88.20	81.90	75.30	88.60
3621594.98	74.50	76.50	77.30	79.60	65.90	59.60	82.60	90.00	93.10
3621444.98	76.80	78.80	75.00	75.50	58.70	77.20	89.00	88.90	91.80
3621294.98	72.00	76.00	62.80	68.50	57.20	72.30	90.30	90.00	87.20
3621144.98	62.90	74.30	56.40	48.30	67.10	77.10	86.90	87.30	87.90
3620994.98	53.40	63.30	41.40	63.80	76.80	77.70	85.10	87.90	84.20
3620844.98	53.70	41.30	59.80	56.80	75.70	72.00	80.20	81.80	83.20
3620694.98	39.60	51.00	68.10	60.30	69.40	68.10	76.10	79.60	70.90
3620544.98	44.70	51.40	73.30	69.20	77.80	68.80	70.10	71.00	72.00
3620394.98	61.90	64.30	67.20	67.70	70.60	67.20	67.10	73.30	75.30
3620244.98	65.30	67.40	63.60	67.80	66.90	65.80	69.00	74.00	74.20
3620094.98	61.80	67.80	63.80	65.60	59.20	63.80	66.10	70.00	69.40
3619944.98	61.70	66.90	58.80	63.20	58.40	62.80	60.80	63.80	64.50
3619794.98	60.00	60.30	55.30	59.10	54.70	58.50	57.70	62.60	56.10
3619644.98	59.80	54.90	53.90	55.40	46.90	55.70	48.10	54.40	54.60
3619494.98	54.80	52.80	52.60	54.20	49.60	47.80	46.20	52.00	51.50
3619344.98	49.80	44.80	50.90	42.80	43.50	42.80	44.20	46.80	35.70
3619194.98	41.80	37.30	54.80	45.80	33.00	34.80	37.40	30.80	28.80
3619044.98	31.80	29.80	43.50	41.70	35.70	32.80	28.80	26.10	28.20
3618894.98	21.90	25.50	25.10	31.00	26.90	30.20	22.30	25.20	25.80
3618744.98	21.00	22.80	23.80	23.10	25.00	24.90	25.90	24.10	26.20
3618594.98	19.10	19.60	21.30	22.40	22.30	24.20	26.80	24.80	25.10
3618444.98	20.10	25.70	30.00	29.70	27.20	26.00	24.90	26.80	23.70
3618294.98	22.90	24.80	32.10	31.80	30.00	31.40	30.10	30.80	20.00
3618144.98	25.00	29.10	28.80	31.60	32.70	32.70	32.70	28.70	18.80
3617994.98	18.90	24.10	28.50	27.00	27.20	24.50	29.20	27.00	17.00
3617844.98	22.10	23.10	21.70	24.90	25.60	27.20	24.80	28.30	18.40
3617694.98	13.00	20.50	20.10	18.00	19.10	26.50	24.60	24.00	25.80
3617544.98	12.70	13.70	16.80	19.00	14.30	15.70	21.30	20.90	23.90
3617394.98	9.00	10.60	13.40	13.30	13.30	18.80	19.40	18.70	18.10
3617244.98	6.50	5.50	8.70	10.00	10.00	13.10	13.90	16.30	16.40
3617094.98	4.00	4.00	1.20	1.90	4.10	7.20	7.20	3.80	6.70
3616944.98	0.00	0.40	5.00	7.50	3.00	-1.80	-1.20	5.80	4.50
3616794.98	0.20	3.40	5.20	2.70	1.20	3.60	3.50	4.10	3.60
3616644.98	0.80	0.10	3.30	5.80	3.40	4.30	-1.90	0.20	4.10

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	486812.11	486962.11	487112.11	487262.11	487412.11	487562.11	487712.11	487862.11	488012.11
3616494.98	0.00	1.20	0.00	9.30	0.00	2.30	5.30	4.20	4.80
3616344.98	0.00	0.00	0.20	0.00	4.10	0.00	1.00	4.10	2.90
3616194.98	0.00	0.00	0.00	0.00	0.00	0.00	5.90	0.00	2.90
3616044.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.80
3615894.98	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	1.90
3615744.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.80	0.00
3615594.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80
3615444.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615294.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615144.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614994.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614844.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614694.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614544.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614394.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614244.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614094.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3613944.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3613794.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3613644.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	488162.11	488312.11	488462.11	488612.11	488762.11	488912.11	489062.11	489212.11	489362.11
3622494.98	101.80	99.80	99.20	99.50	95.70	95.80	86.70	72.80	75.60
3622344.98	97.80	94.20	99.00	99.20	91.30	92.10	90.90	69.50	76.10
3622194.98	94.60	95.10	97.80	95.40	94.70	88.20	93.50	73.30	68.90
3622044.98	86.90	96.10	96.00	95.20	92.90	84.00	87.00	76.60	61.80
3621894.98	87.90	90.80	92.10	92.90	92.10	94.90	75.10	72.90	65.90
3621744.98	86.70	90.70	92.10	85.70	87.30	93.10	91.60	83.10	71.70
3621594.98	92.90	95.90	89.60	78.80	79.60	90.00	87.80	84.00	68.70
3621444.98	91.00	93.80	82.90	70.70	73.70	84.20	81.10	80.40	74.30
3621294.98	89.20	91.80	81.80	66.90	79.20	82.30	72.30	73.80	67.30
3621144.98	90.80	81.10	81.50	61.20	78.10	78.90	80.50	65.60	47.00
3620994.98	84.70	86.50	70.90	68.50	52.70	69.20	73.90	52.00	43.80
3620844.98	83.30	78.70	76.60	62.80	55.00	68.70	66.80	47.70	48.00
3620694.98	67.20	71.00	69.80	57.70	47.90	57.00	48.40	35.20	54.80
3620544.98	68.90	72.90	73.00	65.40	44.60	55.60	29.70	47.60	63.80
3620394.98	63.30	68.70	68.00	66.60	42.50	41.10	33.70	55.90	59.40
3620244.98	70.90	52.30	63.80	59.80	56.60	33.50	44.60	50.70	47.00
3620094.98	69.00	41.50	47.90	59.10	48.70	24.00	38.80	37.70	21.10
3619944.98	63.00	42.30	42.60	47.20	37.10	23.00	25.80	23.50	33.90
3619794.98	57.80	44.30	35.30	27.90	25.40	20.90	22.70	35.00	46.20
3619644.98	47.50	31.60	28.00	24.70	19.50	20.10	44.00	51.80	54.00
3619494.98	36.60	26.10	26.80	18.90	16.90	18.90	46.70	46.70	53.40
3619344.98	31.80	25.00	20.60	14.40	17.50	29.00	40.10	40.00	43.00
3619194.98	25.80	24.90	15.70	11.90	18.20	37.30	41.50	36.70	39.70
3619044.98	28.10	26.90	13.30	11.80	19.70	35.50	33.80	30.20	36.90
3618894.98	26.00	25.30	10.80	12.70	23.70	25.90	26.70	36.30	35.20
3618744.98	23.20	23.00	9.20	12.60	17.60	11.70	18.10	17.90	26.40
3618594.98	27.00	28.50	10.00	9.50	17.30	27.20	29.10	30.20	32.20
3618444.98	26.00	28.80	17.20	8.40	19.90	26.80	29.80	28.00	29.00
3618294.98	24.80	26.20	12.00	13.00	14.30	26.10	29.20	23.30	22.00
3618144.98	20.10	20.60	7.70	7.60	15.00	20.20	22.80	22.40	26.30
3617994.98	20.50	15.70	6.50	5.20	10.30	19.40	17.80	25.80	29.00
3617844.98	14.50	13.90	4.20	5.00	13.40	16.40	20.70	22.00	28.50
3617694.98	23.20	17.80	4.80	4.30	14.20	18.20	18.80	17.70	26.70
3617544.98	25.00	22.60	8.00	5.90	11.70	16.80	17.70	12.80	21.50
3617394.98	14.80	11.90	6.80	6.80	9.80	14.10	11.10	12.00	20.00
3617244.98	12.00	11.80	6.70	7.10	3.20	12.20	10.00	8.20	14.40
3617094.98	11.00	10.20	6.10	8.60	3.80	9.60	4.70	3.20	5.90
3616944.98	5.10	4.40	3.80	3.20	3.10	8.20	3.20	3.90	5.60
3616794.98	5.00	6.40	4.40	3.80	7.10	5.10	8.90	5.80	8.10
3616644.98	1.20	1.60	6.90	-0.50	7.70	6.10	8.20	8.80	11.30

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	488162.11	488312.11	488462.11	488612.11	488762.11	488912.11	489062.11	489212.11	489362.11
3616494.98	5.20	7.20	6.80	3.20	12.10	5.70	3.00	7.70	9.10
3616344.98	0.90	5.80	2.30	8.20	4.30	1.20	2.20	9.40	5.20
3616194.98	5.10	3.20	2.60	1.00	2.70	6.20	7.00	5.00	5.90
3616044.98	4.20	3.90	2.90	1.20	2.20	2.80	8.10	5.90	2.80
3615894.98	3.20	3.80	0.30	4.50	2.30	2.10	1.80	4.80	1.60
3615744.98	3.70	3.10	4.00	3.20	4.20	3.20	3.00	-0.10	3.70
3615594.98	6.40	2.50	3.40	5.90	8.60	6.10	0.80	4.10	3.80
3615444.98	0.90	5.80	8.30	3.60	8.40	7.90	6.80	2.40	3.80
3615294.98	1.70	0.20	7.00	0.80	4.00	6.30	5.50	5.80	2.80
3615144.98	0.00	1.80	0.00	6.90	2.10	4.10	2.90	3.10	2.10
3614994.98	0.00	0.00	7.20	0.80	0.10	3.90	3.00	3.50	4.20
3614844.98	0.00	0.00	0.00	0.00	0.50	3.20	5.80	5.70	3.90
3614694.98	0.00	0.00	5.90	11.30	3.10	4.80	3.70	4.10	4.00
3614544.98	0.00	0.00	0.00	0.20	2.60	4.00	3.20	2.90	3.10
3614394.98	0.00	1.80	4.30	0.00	1.10	3.20	9.60	8.80	2.80
3614244.98	0.00	0.00	0.00	0.00	0.10	4.40	5.30	2.10	3.00
3614094.98	0.00	0.00	8.10	2.40	3.70	3.10	3.60	2.40	3.20
3613944.98	0.00	0.10	5.50	12.50	-1.80	2.90	2.70	2.80	3.40
3613794.98	0.00	0.00	10.50	13.70	3.30	1.00	2.90	2.90	3.20
3613644.98	0.00	0.00	0.10	0.80	1.10	3.00	2.90	4.20	4.40

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	489512.11	489662.11	489812.11	489962.11	490112.11	490262.11	490412.11	490562.11	490712.11
3622494.98	97.70	97.70	93.40	97.10	95.70	94.70	92.90	99.70	99.70
3622344.98	90.90	95.20	94.20	92.80	91.50	85.50	93.20	97.10	92.00
3622194.98	87.00	94.00	90.50	86.30	77.70	88.20	93.10	95.00	87.00
3622044.98	76.00	87.50	81.00	76.80	91.10	89.90	90.80	93.30	87.70
3621894.98	66.20	64.80	80.80	89.90	90.90	89.00	87.00	90.10	89.90
3621744.98	64.60	68.50	87.50	89.70	89.50	84.80	80.80	89.70	84.60
3621594.98	64.10	68.10	82.20	83.20	86.10	81.00	81.20	83.70	85.20
3621444.98	53.50	72.90	73.20	79.50	80.50	76.50	82.60	77.40	72.40
3621294.98	54.70	71.00	73.40	70.60	75.80	80.70	78.70	66.10	50.00
3621144.98	53.20	71.50	67.00	73.60	60.40	72.10	73.10	48.50	66.00
3620994.98	59.10	68.70	61.00	66.70	61.60	50.00	44.00	52.10	73.80
3620844.98	65.90	68.80	54.10	57.90	50.10	38.10	48.60	74.40	69.40
3620694.98	65.00	61.00	54.50	40.40	36.30	46.20	43.50	67.80	59.70
3620544.98	53.90	51.70	41.10	39.60	49.00	59.90	44.10	49.70	36.00
3620394.98	39.90	33.50	37.30	49.20	53.20	49.10	44.90	36.40	45.40
3620244.98	31.50	28.90	34.10	34.30	31.80	32.10	41.40	53.00	62.30
3620094.98	25.70	29.80	31.10	35.50	44.30	41.20	48.00	57.20	64.10
3619944.98	41.40	44.50	51.80	51.30	52.40	37.20	49.10	59.80	59.10
3619794.98	53.20	52.90	55.30	53.50	53.40	42.30	45.20	56.70	54.50
3619644.98	56.90	48.80	55.70	49.70	46.20	48.90	39.00	51.80	51.70
3619494.98	51.80	45.80	47.20	47.90	43.00	46.70	41.00	46.80	47.90
3619344.98	48.20	41.90	41.20	42.80	40.10	42.80	42.80	35.20	47.90
3619194.98	43.70	40.40	38.80	40.00	37.90	39.80	40.10	41.10	37.40
3619044.98	36.90	30.20	32.00	37.40	43.20	40.80	42.00	44.10	41.00
3618894.98	27.10	35.70	40.80	41.10	47.40	48.90	44.20	42.30	43.30
3618744.98	34.80	39.00	37.30	37.70	44.70	44.80	49.60	46.00	37.80
3618594.98	35.00	42.10	41.40	39.80	41.90	42.10	44.20	37.70	23.60
3618444.98	35.10	37.00	34.40	33.90	31.70	29.90	33.40	24.20	17.20
3618294.98	27.70	32.00	35.60	29.10	24.00	24.20	21.30	20.50	17.50
3618144.98	30.10	34.20	29.70	27.70	23.40	12.20	15.20	12.60	22.10
3617994.98	26.10	25.00	22.40	26.20	22.80	12.80	15.50	19.10	24.50
3617844.98	28.20	28.10	27.20	19.90	18.80	12.70	19.20	22.10	24.20
3617694.98	26.90	32.20	24.20	18.00	14.80	10.30	19.20	22.20	23.90
3617544.98	23.60	28.80	20.90	9.80	10.90	17.30	20.20	25.10	28.60
3617394.98	23.50	15.60	9.90	11.10	13.00	17.80	24.00	27.20	26.80
3617244.98	12.70	6.60	5.30	11.60	13.00	24.10	28.20	30.60	25.60
3617094.98	3.60	7.80	12.50	12.50	23.10	30.20	28.10	24.10	22.20
3616944.98	9.20	21.10	21.30	21.60	25.10	29.60	26.60	27.90	22.80
3616794.98	14.90	16.90	20.50	25.70	22.50	21.50	20.80	17.60	17.90
3616644.98	12.90	13.90	16.50	15.20	15.50	15.70	17.00	13.70	11.50

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	489512.11	489662.11	489812.11	489962.11	490112.11	490262.11	490412.11	490562.11	490712.11
3616494.98	10.40	11.00	10.70	8.80	10.30	12.20	12.20	12.20	16.60
3616344.98	9.70	3.50	4.30	11.30	22.30	20.10	11.60	16.10	19.10
3616194.98	3.40	10.90	13.80	15.90	15.20	21.80	23.10	23.70	22.40
3616044.98	5.20	8.90	14.70	10.00	19.80	19.10	18.90	21.90	24.10
3615894.98	8.50	7.60	7.00	15.80	12.70	18.70	16.30	22.10	22.90
3615744.98	1.20	0.00	7.80	12.20	12.50	16.30	17.90	22.00	21.90
3615594.98	1.40	1.00	10.00	12.70	13.10	16.70	16.80	19.10	21.70
3615444.98	6.10	3.00	4.90	13.10	11.20	16.00	16.20	18.80	14.00
3615294.98	7.00	6.40	5.00	12.70	15.00	9.90	17.70	16.30	11.10
3615144.98	3.80	8.50	5.10	10.10	10.80	12.40	13.80	9.70	8.90
3614994.98	5.10	5.30	7.10	8.80	11.10	11.10	11.60	7.00	9.30
3614844.98	1.00	1.90	5.00	8.90	12.00	6.80	4.10	9.50	13.00
3614694.98	5.30	0.20	4.00	6.80	10.70	2.90	5.20	13.20	13.90
3614544.98	1.40	4.80	5.20	6.20	4.00	3.70	5.90	11.00	12.60
3614394.98	1.90	4.40	5.90	6.40	2.80	2.90	5.10	8.70	10.20
3614244.98	3.20	9.80	6.00	5.80	1.80	5.20	6.80	6.10	8.90
3614094.98	5.70	4.70	10.60	6.10	2.00	6.20	7.00	5.00	12.20
3613944.98	4.20	6.00	5.20	3.90	0.90	5.90	5.90	6.00	12.90
3613794.98	8.10	9.80	6.50	3.20	3.90	4.80	4.80	5.90	12.00
3613644.98	5.90	10.00	5.90	5.70	3.00	1.20	5.90	5.10	11.10

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	490862.11	491012.11	491162.11	491312.11	491462.11	491612.11	491762.11	491912.11	492062.11
3622494.98	99.70	100.00	91.00	86.10	95.80	77.70	84.60	80.50	65.70
3622344.98	97.70	98.50	90.70	78.70	87.00	69.90	89.80	67.50	70.30
3622194.98	93.00	97.60	90.80	72.80	69.80	76.50	81.00	60.30	75.30
3622044.98	84.60	89.40	87.00	70.40	72.00	78.90	61.50	62.90	83.20
3621894.98	70.10	88.80	72.20	63.30	84.40	65.70	60.70	81.00	82.70
3621744.98	84.40	69.50	58.40	77.60	85.90	55.10	65.10	76.50	70.60
3621594.98	72.60	56.90	71.40	83.50	76.70	54.10	71.90	69.50	69.90
3621444.98	52.50	64.00	82.20	80.60	53.40	56.90	59.70	68.10	69.60
3621294.98	57.90	81.70	82.60	65.10	50.10	56.30	72.10	76.70	74.10
3621144.98	73.10	77.90	65.00	45.50	47.90	64.20	66.10	65.40	67.80
3620994.98	73.00	64.00	45.20	47.20	61.30	70.60	73.50	76.00	71.10
3620844.98	62.00	42.70	42.50	62.70	67.30	66.30	72.80	68.90	75.90
3620694.98	39.80	41.50	59.60	69.90	71.10	70.30	70.10	70.20	76.10
3620544.98	49.80	55.70	69.00	71.80	70.70	73.00	72.00	69.20	74.50
3620394.98	56.30	68.40	69.20	71.60	73.50	70.60	69.10	68.80	71.90
3620244.98	64.20	67.30	70.00	71.00	71.50	66.10	66.20	62.90	66.50
3620094.98	65.70	63.80	66.00	65.60	65.00	62.10	65.10	63.90	64.10
3619944.98	66.40	57.00	59.70	59.10	57.80	56.20	59.00	60.90	59.50
3619794.98	57.30	57.90	57.20	60.70	54.80	59.10	57.10	52.50	54.70
3619644.98	55.40	56.10	57.40	54.00	54.90	53.60	54.10	49.00	46.40
3619494.98	52.30	54.90	48.80	51.10	52.20	50.60	48.30	47.30	38.80
3619344.98	52.10	51.80	46.70	43.20	52.90	44.90	43.70	37.50	41.60
3619194.98	48.70	44.20	47.30	38.40	45.20	41.70	37.00	32.80	35.60
3619044.98	39.70	39.30	36.80	33.80	26.10	26.20	29.30	26.50	33.50
3618894.98	30.80	34.00	27.80	25.20	25.10	28.40	31.40	37.30	38.40
3618744.98	19.70	25.00	25.80	24.90	30.20	39.90	46.40	43.30	44.00
3618594.98	19.90	28.20	33.20	36.70	43.10	46.10	53.10	53.30	55.90
3618444.98	23.10	28.00	32.90	38.00	42.20	47.00	50.00	56.70	54.90
3618294.98	27.30	32.00	33.30	36.70	45.20	48.00	50.20	47.90	52.50
3618144.98	27.30	32.70	28.00	41.20	41.80	44.00	44.60	39.90	46.10
3617994.98	26.90	34.20	35.70	38.00	47.80	37.50	33.90	38.90	37.40
3617844.98	28.40	33.10	38.50	39.20	35.60	32.90	37.40	39.80	45.30
3617694.98	27.30	34.00	36.00	34.60	31.60	29.10	31.90	37.80	41.20
3617544.98	24.40	31.80	25.70	26.70	32.20	34.30	36.30	38.20	41.20
3617394.98	27.90	33.20	27.70	33.80	33.80	35.10	37.70	39.90	37.10
3617244.98	26.10	23.10	31.90	27.90	28.70	31.90	32.60	40.30	42.80
3617094.98	22.00	23.90	32.40	30.00	33.00	32.50	36.10	42.10	41.10
3616944.98	27.10	31.60	27.50	25.80	29.80	40.30	38.80	40.80	40.80
3616794.98	22.80	28.70	33.00	35.90	32.30	35.80	34.60	35.80	37.00
3616644.98	18.00	14.80	22.00	31.80	30.90	35.00	32.30	31.80	37.90

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	490862.11	491012.11	491162.11	491312.11	491462.11	491612.11	491762.11	491912.11	492062.11
3616494.98	28.00	17.30	21.20	24.40	29.20	28.10	23.90	29.60	36.00
3616344.98	28.40	20.80	22.20	27.20	31.10	32.00	33.30	37.10	38.80
3616194.98	24.10	25.00	23.70	27.80	27.90	32.80	29.70	29.60	30.70
3616044.98	24.10	27.00	19.90	25.90	29.90	25.80	24.80	23.80	24.80
3615894.98	27.10	28.10	18.00	21.80	22.40	20.80	20.30	26.40	30.50
3615744.98	24.70	27.20	20.10	15.20	17.80	22.30	32.40	30.30	33.10
3615594.98	22.60	19.50	17.50	12.40	26.10	19.10	21.10	27.80	29.70
3615444.98	15.20	13.00	15.10	15.00	17.40	17.20	18.80	18.00	25.30
3615294.98	11.70	15.00	30.20	18.30	18.40	28.80	20.70	24.80	28.20
3615144.98	11.20	19.10	27.00	31.10	19.10	27.20	32.90	32.00	31.90
3614994.98	14.20	17.50	28.30	34.90	26.90	25.90	32.90	32.20	28.60
3614844.98	14.90	22.10	27.10	32.10	32.10	29.20	31.60	32.20	22.70
3614694.98	15.90	21.10	28.10	32.80	31.70	29.00	32.20	33.90	22.50
3614544.98	16.50	21.20	27.00	31.20	26.90	26.30	33.20	35.80	19.00
3614394.98	18.30	24.70	27.10	29.00	23.50	27.50	33.00	39.00	21.50
3614244.98	18.20	23.90	21.30	24.50	18.30	25.90	32.70	37.60	12.70
3614094.98	16.10	22.10	21.70	19.70	20.20	20.90	26.70	29.80	16.50
3613944.98	19.10	17.80	19.70	18.90	20.00	20.20	22.80	20.10	8.10
3613794.98	18.20	18.80	14.30	18.20	16.80	18.10	21.00	22.80	9.00
3613644.98	18.10	11.40	15.30	20.20	18.20	16.30	19.80	16.50	6.20

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	492212.11	492362.11	492512.11	492662.11	492812.11	492962.11	493112.11	493262.11	493412.11
3622494.98	76.00	85.30	93.10	94.30	104.10	118.00	119.30	121.60	127.50
3622344.98	81.70	85.30	92.60	94.20	97.70	102.00	104.00	118.30	122.30
3622194.98	84.40	85.40	87.90	92.20	102.80	109.40	108.60	109.80	107.90
3622044.98	83.80	80.10	85.10	90.20	94.70	113.40	123.00	126.60	124.00
3621894.98	79.00	82.20	87.10	96.30	108.40	113.10	127.90	131.00	129.80
3621744.98	82.10	83.20	86.10	97.10	112.70	116.70	126.10	128.00	129.10
3621594.98	79.80	80.20	86.60	93.10	105.70	124.20	125.00	123.20	128.20
3621444.98	76.60	84.20	86.80	92.20	112.00	118.50	119.90	120.60	128.30
3621294.98	76.90	79.50	80.20	97.40	109.40	105.50	106.40	111.90	100.90
3621144.98	71.70	76.50	86.50	99.10	93.90	99.00	103.60	97.80	91.30
3620994.98	71.00	79.00	93.30	84.90	104.10	95.60	88.30	77.70	71.30
3620844.98	70.10	74.50	81.00	97.90	95.00	84.40	71.10	78.20	92.50
3620694.98	79.10	86.10	89.90	82.70	75.30	66.00	76.60	99.20	111.20
3620544.98	76.80	78.10	78.00	71.30	65.10	78.90	88.00	101.70	114.10
3620394.98	70.40	63.50	61.40	59.70	81.60	98.20	100.30	102.60	117.80
3620244.98	69.10	61.90	54.20	63.40	79.80	87.80	90.00	107.60	103.90
3620094.98	58.60	49.60	57.30	76.80	69.60	81.60	88.50	98.10	100.00
3619944.98	48.60	49.50	55.20	77.40	77.40	87.70	91.00	92.80	85.50
3619794.98	46.10	55.60	70.50	79.30	83.80	82.60	88.00	86.30	77.20
3619644.98	44.40	66.40	73.70	81.20	77.50	82.80	84.50	77.50	71.80
3619494.98	55.80	75.30	67.50	79.00	69.40	79.80	75.80	62.60	79.80
3619344.98	60.70	60.00	58.90	61.90	79.00	73.90	73.60	66.00	72.00
3619194.98	40.50	41.20	40.60	48.10	54.90	55.10	65.80	56.80	58.40
3619044.98	37.00	42.20	41.30	43.20	40.50	44.50	47.80	50.10	52.00
3618894.98	43.50	47.10	46.80	49.20	50.00	54.20	51.90	61.00	67.30
3618744.98	47.80	50.00	50.20	50.30	53.30	66.70	70.10	63.30	76.90
3618594.98	50.20	55.70	59.70	65.30	76.60	87.10	89.80	66.70	85.80
3618444.98	55.80	59.00	64.70	65.90	75.80	84.10	91.20	77.60	82.90
3618294.98	47.10	56.70	57.30	69.00	79.20	84.80	90.90	83.20	80.90
3618144.98	41.10	54.50	51.90	66.50	74.40	80.80	91.60	85.90	78.20
3617994.98	42.00	48.60	56.10	56.30	79.20	83.90	87.60	75.80	74.10
3617844.98	44.00	45.80	53.20	56.60	75.80	83.50	71.60	69.60	74.40
3617694.98	44.80	49.00	61.20	64.50	69.80	62.40	70.60	86.70	84.90
3617544.98	52.80	55.00	56.90	62.40	53.80	69.30	78.80	88.80	88.20
3617394.98	43.80	47.90	49.90	53.10	62.20	80.80	90.80	86.60	84.80
3617244.98	47.80	48.30	51.20	54.80	61.80	74.40	77.40	74.50	84.10
3617094.98	46.00	45.80	49.90	53.10	60.20	64.80	73.00	84.20	78.40
3616944.98	44.80	47.20	44.90	47.10	54.50	61.50	72.00	84.50	62.00
3616794.98	37.90	42.40	45.40	48.80	52.50	65.90	67.40	66.40	48.10
3616644.98	40.10	43.70	49.30	46.80	53.00	58.90	53.60	49.60	44.40

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	492212.11	492362.11	492512.11	492662.11	492812.11	492962.11	493112.11	493262.11	493412.11
3616494.98	39.50	43.50	49.90	46.50	50.10	53.70	44.00	41.90	56.40
3616344.98	44.70	36.00	37.10	45.20	45.20	44.80	37.50	41.00	53.40
3616194.98	31.50	35.00	35.70	40.70	38.80	36.20	36.20	41.20	62.10
3616044.98	26.90	31.20	31.90	33.00	32.20	33.90	36.20	46.10	56.90
3615894.98	27.80	38.00	32.90	35.00	34.20	41.80	41.70	47.10	54.40
3615744.98	37.40	31.80	32.50	38.40	43.80	45.10	50.70	52.10	57.20
3615594.98	25.80	32.90	36.80	39.80	43.20	46.30	49.50	57.10	58.60
3615444.98	28.20	33.20	32.30	37.10	40.70	48.50	48.50	50.90	53.70
3615294.98	30.20	36.80	37.20	37.10	41.80	46.50	47.50	52.20	52.50
3615144.98	26.90	38.90	44.10	37.90	38.10	53.20	51.40	56.80	48.80
3614994.98	24.20	36.80	45.20	36.20	35.10	47.10	57.00	57.00	45.20
3614844.98	28.80	32.60	49.20	42.90	32.90	44.80	52.00	58.80	50.70
3614694.98	23.00	30.10	45.70	40.30	29.90	42.70	47.00	53.70	48.30
3614544.98	20.90	24.60	42.80	41.90	31.80	37.80	50.90	51.00	47.10
3614394.98	20.80	26.10	34.10	35.30	29.80	40.10	44.00	52.90	53.10
3614244.98	19.90	30.20	26.80	29.50	42.50	36.00	40.10	47.80	51.50
3614094.98	32.70	26.90	28.00	24.20	29.90	38.70	45.90	44.00	48.80
3613944.98	29.30	22.60	20.50	20.90	28.10	34.10	39.10	41.60	46.90
3613794.98	11.70	12.80	14.60	13.90	20.80	17.70	22.60	29.40	30.70
3613644.98	9.10	8.30	9.00	13.10	19.00	15.90	16.80	15.70	17.40

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	493562.11	493712.11	493862.11	494012.11	494162.11	494312.11	494462.11	494612.11	494762.11
3622494.98	131.10	136.20	145.40	147.90	143.70	139.00	138.50	143.80	136.90
3622344.98	119.70	126.80	137.10	141.00	144.80	136.40	135.00	132.50	129.50
3622194.98	110.70	119.80	124.50	143.80	137.40	142.80	127.80	126.60	118.50
3622044.98	127.70	136.90	142.80	137.90	144.70	137.90	130.90	119.90	107.90
3621894.98	134.10	133.70	137.90	136.40	140.80	137.70	129.00	110.90	105.50
3621744.98	131.10	133.20	136.60	135.20	132.80	125.90	107.60	103.10	125.60
3621594.98	129.00	132.10	132.60	133.00	120.40	101.40	94.40	121.10	127.50
3621444.98	126.00	125.30	120.60	105.50	93.20	93.40	109.00	114.20	113.70
3621294.98	98.30	97.00	89.00	84.90	89.30	104.40	111.40	110.40	128.80
3621144.98	81.20	81.80	87.80	103.00	100.70	112.40	125.30	119.10	114.30
3620994.98	81.70	93.10	111.10	111.80	116.80	123.00	135.90	136.10	124.40
3620844.98	107.60	109.00	135.40	129.80	130.20	141.20	129.60	140.80	130.80
3620694.98	115.00	119.20	133.00	139.00	119.00	129.50	120.20	131.40	115.30
3620544.98	110.70	103.10	131.80	135.50	113.70	113.30	109.00	107.70	119.80
3620394.98	108.30	99.80	125.40	110.30	102.10	94.20	113.10	119.00	130.80
3620244.98	92.50	100.00	113.10	95.20	99.50	124.10	142.40	142.50	130.00
3620094.98	89.50	108.20	89.60	96.10	122.10	118.70	118.60	113.60	116.30
3619944.98	85.90	82.20	96.00	123.40	128.40	120.50	101.40	102.30	118.50
3619794.98	76.50	85.60	94.80	103.00	107.20	107.50	89.20	101.00	100.30
3619644.98	85.80	82.00	91.00	88.40	96.80	94.30	85.30	88.40	91.00
3619494.98	76.80	73.90	79.60	80.40	85.40	79.60	81.10	80.10	76.90
3619344.98	64.50	67.40	68.50	67.50	68.90	70.40	73.40	74.60	71.10
3619194.98	57.70	54.80	60.30	57.20	62.20	63.00	67.60	71.40	72.00
3619044.98	55.30	56.80	64.90	76.50	72.80	88.20	100.60	94.30	96.70
3618894.98	69.40	81.40	80.90	85.40	98.90	119.30	128.50	122.10	119.80
3618744.98	84.80	87.50	86.40	96.50	112.60	118.60	115.10	119.10	117.60
3618594.98	89.20	98.00	98.00	98.20	99.50	110.10	116.70	116.20	115.10
3618444.98	88.20	91.00	91.60	99.00	103.70	115.40	128.40	125.80	127.50
3618294.98	84.80	87.30	92.60	92.10	99.10	109.00	116.90	116.70	122.90
3618144.98	82.90	85.80	83.40	85.20	90.10	103.30	109.70	99.70	111.80
3617994.98	75.80	77.90	82.20	90.40	100.40	105.80	119.50	96.00	100.30
3617844.98	79.10	85.60	100.10	105.20	100.80	97.70	98.20	85.80	101.70
3617694.98	84.30	92.30	106.60	92.00	88.70	86.90	84.50	85.50	88.80
3617544.98	90.40	99.90	90.50	80.40	78.70	78.70	72.40	68.80	75.60
3617394.98	90.90	85.90	75.50	65.80	64.20	66.10	70.00	93.60	95.10
3617244.98	79.70	75.20	64.30	65.40	74.40	81.20	85.00	95.10	103.80
3617094.98	69.20	62.60	58.80	70.90	77.70	84.20	86.10	95.70	105.40
3616944.98	54.40	52.80	51.40	78.60	77.10	74.80	81.60	89.60	95.50
3616794.98	49.20	52.60	60.20	64.70	64.90	74.70	68.00	70.50	78.40
3616644.98	68.90	81.10	94.10	89.70	75.50	108.20	103.40	77.80	108.90

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	493562.11	493712.11	493862.11	494012.11	494162.11	494312.11	494462.11	494612.11	494762.11
3616494.98	82.40	91.60	88.90	93.20	90.20	94.80	107.10	110.80	127.00
3616344.98	81.80	84.10	85.70	89.70	91.10	98.50	99.60	116.00	125.90
3616194.98	70.40	78.40	87.00	84.80	87.00	90.00	91.20	101.00	110.00
3616044.98	58.10	72.80	74.30	77.30	79.90	81.70	86.50	93.50	92.10
3615894.98	61.80	68.50	71.70	85.50	89.50	94.30	102.20	101.10	95.70
3615744.98	62.90	67.90	68.30	79.40	87.10	89.80	98.70	100.50	98.40
3615594.98	60.70	65.20	67.00	71.10	80.90	84.70	85.80	92.70	93.60
3615444.98	56.90	66.10	65.80	67.00	72.40	83.50	88.90	97.80	90.60
3615294.98	54.40	58.50	60.10	65.30	71.80	79.70	84.40	91.90	90.30
3615144.98	56.10	61.10	61.30	67.10	68.10	77.80	78.80	82.70	85.20
3614994.98	50.40	59.20	64.10	67.90	66.10	67.50	68.50	74.90	79.10
3614844.98	50.30	62.20	61.90	67.00	60.20	62.50	64.80	71.30	77.80
3614694.98	48.70	53.10	58.30	59.10	64.00	56.80	58.60	69.60	65.60
3614544.98	35.50	47.70	52.50	57.90	60.80	55.20	64.80	62.00	57.80
3614394.98	50.10	32.20	30.40	58.40	62.10	41.00	53.20	50.70	55.80
3614244.98	46.30	31.00	21.40	63.40	59.80	38.30	47.70	42.10	48.00
3614094.98	50.90	36.30	21.90	45.50	36.40	40.70	38.50	43.20	39.20
3613944.98	40.00	18.50	17.30	20.40	30.20	36.00	41.50	45.80	36.40
3613794.98	37.70	15.70	30.60	36.40	39.10	49.10	52.10	44.80	25.70
3613644.98	12.10	22.50	25.90	41.20	45.50	50.90	49.20	36.50	25.50

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	494912.11	495062.11	495212.11	495362.11	495512.11	495662.11	495812.11
3622494.98	131.30	121.10	116.70	116.60	130.70	134.20	135.20
3622344.98	115.80	112.90	117.20	132.30	142.70	141.40	137.10
3622194.98	108.00	116.00	126.10	126.90	128.50	134.60	139.00
3622044.98	109.70	119.10	130.60	135.10	135.70	141.90	138.00
3621894.98	118.30	125.00	135.20	141.50	139.30	143.20	144.20
3621744.98	132.50	130.70	127.90	132.20	136.50	143.30	141.10
3621594.98	123.40	121.40	130.70	143.20	139.40	144.90	141.80
3621444.98	125.10	130.60	135.60	141.80	143.00	143.80	138.00
3621294.98	137.60	137.60	139.70	143.00	137.20	143.10	134.00
3621144.98	120.80	134.50	136.50	141.70	137.40	134.90	129.50
3620994.98	137.20	134.20	136.40	142.10	133.70	126.10	131.70
3620844.98	120.60	127.20	137.10	133.40	124.30	126.50	127.90
3620694.98	123.80	139.00	125.50	125.90	113.90	115.50	116.30
3620544.98	122.90	141.70	132.70	113.60	106.60	110.00	118.40
3620394.98	120.90	131.30	119.20	103.30	100.30	110.20	123.40
3620244.98	106.90	115.00	100.30	96.00	111.40	126.00	103.60
3620094.98	112.60	96.50	89.90	98.70	121.00	104.00	93.70
3619944.98	105.90	92.30	96.90	115.30	106.70	94.80	91.20
3619794.98	91.50	84.80	100.30	107.90	85.10	87.20	100.50
3619644.98	83.00	107.90	100.50	91.60	85.90	94.00	123.40
3619494.98	89.00	92.70	88.70	83.80	83.40	100.00	111.10
3619344.98	77.70	78.00	80.50	79.10	85.90	91.10	94.40
3619194.98	75.50	76.60	75.20	78.00	78.60	80.10	85.00
3619044.98	88.50	95.50	89.10	88.10	92.90	90.00	101.40
3618894.98	101.90	114.90	101.20	89.60	106.70	113.10	109.30
3618744.98	122.50	119.10	109.60	94.40	105.40	121.90	121.30
3618594.98	126.40	146.80	120.20	112.10	108.00	117.80	126.70
3618444.98	124.30	134.50	137.60	117.00	115.30	122.80	126.80
3618294.98	116.50	118.80	126.50	117.40	119.40	123.90	134.90
3618144.98	109.60	111.10	120.80	117.00	115.80	115.30	133.80
3617994.98	99.30	102.70	113.90	111.80	107.30	108.00	117.50
3617844.98	103.40	97.70	102.70	103.00	98.60	104.00	102.60
3617694.98	95.30	87.80	92.70	87.30	88.90	97.20	99.50
3617544.98	76.80	76.20	88.30	101.80	111.40	112.90	112.00
3617394.98	100.40	106.90	120.50	118.20	120.60	132.20	134.30
3617244.98	106.60	116.90	128.00	129.60	128.20	149.60	135.80
3617094.98	110.00	105.10	125.90	120.20	127.30	126.40	129.80
3616944.98	100.20	102.70	106.70	108.40	112.30	114.00	116.30
3616794.98	84.10	93.60	93.10	102.60	100.40	103.00	106.30
3616644.98	90.20	85.90	89.40	97.10	107.00	107.90	123.90

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	494912.11	495062.11	495212.11	495362.11	495512.11	495662.11	495812.11
3616494.98	126.20	122.90	107.80	93.80	124.80	132.60	126.50
3616344.98	110.50	104.70	110.20	117.00	127.30	134.10	128.80
3616194.98	99.70	104.30	115.40	105.00	124.30	135.60	126.50
3616044.98	97.50	116.80	116.00	92.40	100.90	106.40	110.90
3615894.98	98.90	105.20	104.50	83.80	86.20	106.80	110.80
3615744.98	107.70	111.30	110.10	81.40	81.90	101.30	110.20
3615594.98	99.50	112.20	107.20	85.50	86.80	85.90	104.60
3615444.98	82.00	94.10	100.40	84.80	83.20	85.00	90.80
3615294.98	76.80	78.30	81.80	78.20	72.30	71.30	84.60
3615144.98	74.90	68.80	70.20	70.30	70.20	76.00	77.60
3614994.98	70.90	67.00	67.80	61.50	63.30	68.40	67.70
3614844.98	69.10	66.20	58.50	47.60	49.30	52.80	56.80
3614694.98	64.20	58.40	51.40	45.10	57.50	65.70	63.10
3614544.98	54.90	48.00	42.90	48.20	57.40	55.60	60.00
3614394.98	50.00	48.70	43.10	44.10	47.90	58.30	71.70
3614244.98	47.20	46.40	40.80	59.00	56.50	64.00	67.20
3614094.98	32.10	33.80	41.60	54.90	66.00	63.30	67.00
3613944.98	29.70	37.50	45.50	58.20	64.30	64.00	62.00
3613794.98	33.00	53.40	62.60	50.10	51.20	48.20	46.40
3613644.98	54.50	54.20	39.10	31.20	26.50	23.70	24.80

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	485462.11	485612.11	485762.11	485912.11	486062.11	486212.11	486362.11	486512.11	486662.11
3622494.98	118.00	88.80	91.60	92.00	90.00	94.80	92.00	95.00	82.70
3622344.98	118.00	83.50	88.80	87.70	94.60	93.80	95.00	97.00	86.00
3622194.98	94.00	85.00	84.80	92.90	91.90	97.00	92.00	103.00	88.00
3622044.98	94.00	86.00	94.00	94.00	91.70	90.30	103.00	103.00	79.00
3621894.98	83.00	84.00	82.00	92.00	90.00	103.00	103.00	103.00	75.00
3621744.98	98.00	88.00	83.00	83.40	90.20	93.00	103.00	103.00	81.00
3621594.98	98.00	88.00	87.00	87.70	94.80	93.30	94.00	103.00	78.00
3621444.98	98.00	88.00	84.20	86.00	89.00	91.80	84.00	96.00	94.00
3621294.98	98.00	83.00	81.30	77.30	94.00	88.10	89.00	94.00	86.00
3621144.98	89.00	75.90	78.10	83.00	83.00	82.00	86.00	86.00	87.00
3620994.98	80.00	80.00	78.00	83.00	83.00	83.00	73.70	86.00	86.00
3620844.98	80.00	80.00	76.00	77.00	80.00	74.80	64.20	55.70	78.00
3620694.98	80.00	56.80	77.00	74.00	80.00	70.80	67.00	51.90	74.00
3620544.98	45.10	53.00	55.90	55.00	79.00	72.00	66.80	68.00	74.00
3620394.98	46.00	48.00	53.70	56.00	50.00	79.00	66.00	74.00	74.00
3620244.98	52.00	46.00	47.80	40.80	45.30	51.00	72.00	74.00	69.00
3620094.98	69.00	35.00	45.00	37.80	41.00	36.00	69.00	55.00	59.20
3619944.98	69.00	32.00	46.00	46.00	41.00	40.00	48.00	48.80	58.20
3619794.98	69.00	69.00	21.60	23.60	23.50	27.40	51.00	51.00	57.10
3619644.98	69.00	23.80	20.80	27.00	34.40	24.20	37.00	53.00	54.10
3619494.98	69.00	23.00	17.60	36.00	36.00	22.00	31.60	44.70	45.10
3619344.98	17.00	18.80	16.10	12.00	16.00	21.50	33.00	37.90	43.70
3619194.98	14.80	16.90	15.50	9.80	15.80	24.30	33.00	35.80	37.80
3619044.98	10.00	11.10	8.10	8.10	15.10	26.00	30.80	33.20	31.90
3618894.98	7.00	5.90	4.20	6.30	21.00	20.80	29.70	28.70	25.20
3618744.98	6.20	16.00	4.80	5.00	24.00	24.00	22.00	26.00	19.00
3618594.98	3.80	16.00	6.80	4.20	12.00	12.30	13.20	16.90	14.00
3618444.98	3.10	5.00	3.00	5.70	7.20	12.30	16.80	14.10	16.50
3618294.98	2.10	1.10	1.30	5.20	9.20	13.10	15.80	20.00	23.20
3618144.98	7.50	5.00	0.00	4.50	11.80	7.50	11.80	13.90	30.00
3617994.98	5.30	7.60	3.20	5.10	7.10	10.10	11.10	16.60	30.00
3617844.98	5.00	5.70	2.80	13.00	6.00	5.20	12.30	13.70	14.80
3617694.98	9.00	1.20	0.90	12.50	15.00	5.80	18.00	6.50	11.80
3617544.98	0.00	9.00	1.70	1.90	9.00	5.20	8.00	6.60	6.90
3617394.98	0.00	0.00	11.00	1.70	-3.60	6.50	4.20	5.00	9.90
3617244.98	0.00	0.00	0.00	0.10	10.00	10.00	0.90	2.20	5.20
3617094.98	0.00	0.00	0.00	0.00	0.00	0.00	10.00	2.00	5.80
3616944.98	0.00	0.00	0.00	0.00	0.00	0.00	8.00	10.00	0.00
3616794.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3616644.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485462.11	485612.11	485762.11	485912.11	486062.11	486212.11	486362.11	486512.11	486662.11
3616494.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3616344.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3616194.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3616044.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615894.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615744.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615594.98	3.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615444.98	3.20	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615294.98	-1.10	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615144.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614994.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614844.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614694.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614544.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614394.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614244.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614094.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3613944.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3613794.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3613644.98	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	486812.11	486962.11	487112.11	487262.11	487412.11	487562.11	487712.11	487862.11	488012.11
3622494.98	92.00	90.60	90.00	106.00	102.80	100.90	100.80	99.30	103.80
3622344.98	86.80	88.10	85.00	105.00	96.60	100.10	101.90	98.80	101.00
3622194.98	79.40	85.10	84.00	81.90	94.00	100.00	99.80	95.80	94.80
3622044.98	76.00	84.80	79.90	84.10	87.30	96.00	99.90	95.90	93.80
3621894.98	76.60	81.10	77.30	79.90	97.00	94.90	101.00	96.00	94.00
3621744.98	81.00	82.00	78.50	80.90	93.00	93.00	101.00	98.00	88.60
3621594.98	77.00	76.50	77.30	79.60	94.00	101.00	92.00	90.00	93.10
3621444.98	76.80	78.80	81.00	75.50	92.00	84.00	89.00	88.90	91.80
3621294.98	83.00	76.00	80.00	74.00	94.00	94.00	90.30	90.00	87.20
3621144.98	83.00	80.00	80.00	80.00	79.00	77.10	86.90	88.00	87.90
3620994.98	80.00	75.00	83.00	79.00	76.80	77.70	85.10	87.90	84.20
3620844.98	63.00	80.00	69.00	79.00	75.70	75.00	80.20	81.80	84.00
3620694.98	77.00	78.00	71.00	78.00	69.40	68.10	76.10	79.60	70.90
3620544.98	78.00	78.00	77.00	76.00	77.80	68.80	70.10	71.00	72.00
3620394.98	74.00	74.00	78.00	73.00	70.60	67.20	67.10	73.30	75.30
3620244.98	65.30	70.00	67.00	73.00	66.90	65.80	69.00	74.00	74.20
3620094.98	61.80	67.80	63.80	65.60	66.00	63.80	66.10	70.00	70.00
3619944.98	61.70	66.90	58.80	63.20	59.00	62.80	66.00	63.80	64.50
3619794.98	60.00	64.00	63.00	59.10	64.00	58.50	57.70	66.00	66.00
3619644.98	59.80	54.90	53.90	55.40	60.00	55.70	48.10	59.00	54.60
3619494.98	54.80	52.80	59.00	54.20	60.00	47.80	46.20	52.00	51.50
3619344.98	49.80	44.80	50.90	60.00	49.00	42.80	44.20	46.80	52.00
3619194.98	50.00	55.00	54.80	45.80	46.00	43.00	46.00	49.00	28.80
3619044.98	31.80	57.00	57.00	57.00	46.00	32.80	28.80	26.10	28.20
3618894.98	21.90	57.00	57.00	57.00	26.90	31.00	22.30	25.20	25.80
3618744.98	21.00	22.80	23.80	23.10	25.00	24.90	25.90	24.10	26.20
3618594.98	19.10	29.00	21.30	22.40	22.30	24.20	26.80	24.80	25.10
3618444.98	20.10	25.70	30.00	29.70	27.20	26.00	24.90	26.80	23.70
3618294.98	22.90	24.80	32.10	31.80	30.00	31.40	30.10	30.80	20.00
3618144.98	25.00	29.10	28.80	31.60	32.70	32.70	32.70	28.70	18.80
3617994.98	18.90	24.10	28.50	27.00	27.20	24.50	29.20	27.00	17.00
3617844.98	22.10	23.10	21.70	24.90	25.60	27.20	24.80	31.00	28.00
3617694.98	13.00	20.50	20.10	18.00	19.10	27.00	24.60	24.00	25.80
3617544.98	12.70	21.00	16.80	19.00	19.00	20.00	21.30	24.00	23.90
3617394.98	9.00	10.60	14.00	13.30	13.30	18.80	23.00	22.00	27.00
3617244.98	6.50	5.50	8.70	15.00	11.00	13.10	13.90	17.00	17.00
3617094.98	4.00	4.00	1.20	1.90	11.00	8.00	11.00	15.00	16.00
3616944.98	0.00	0.40	5.00	14.00	3.00	-1.80	-1.20	5.80	4.50
3616794.98	0.20	4.00	13.00	14.00	1.20	3.60	3.50	4.10	3.60
3616644.98	0.80	10.00	3.30	21.00	21.00	4.30	5.00	0.20	4.10

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	486812.11	486962.11	487112.11	487262.11	487412.11	487562.11	487712.11	487862.11	488012.11
3616494.98	0.00	10.00	16.00	21.00	21.00	2.30	5.30	4.20	4.80
3616344.98	0.00	0.00	16.00	16.00	4.10	8.00	10.00	4.10	2.90
3616194.98	0.00	0.00	0.00	0.00	0.00	14.00	14.00	0.00	2.90
3616044.98	0.00	0.00	0.00	0.00	0.00	13.00	14.00	7.00	9.00
3615894.98	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	9.00
3615744.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.80	10.00
3615594.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00
3615444.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00
3615294.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3615144.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614994.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614844.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614694.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614544.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614394.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614244.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3614094.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3613944.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3613794.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3613644.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	488162.11	488312.11	488462.11	488612.11	488762.11	488912.11	489062.11	489212.11	489362.11
3622494.98	101.80	99.80	99.20	99.50	95.70	95.80	96.00	99.00	99.00
3622344.98	97.80	94.20	99.00	99.20	96.00	92.10	90.90	97.00	98.00
3622194.98	94.60	95.10	97.80	95.40	94.70	88.20	93.50	94.00	98.00
3622044.98	86.90	96.10	96.00	95.20	92.90	93.00	90.00	91.00	94.00
3621894.98	94.00	90.80	92.10	92.90	92.10	94.90	95.00	91.00	87.00
3621744.98	91.00	94.00	93.00	85.70	88.00	93.10	91.60	83.10	82.00
3621594.98	92.90	95.90	89.60	86.00	88.00	90.00	87.80	84.00	85.00
3621444.98	91.00	93.80	93.00	84.00	89.00	84.20	82.00	81.00	82.00
3621294.98	89.20	91.80	91.00	93.00	79.20	87.00	87.00	83.00	83.00
3621144.98	90.80	91.00	81.50	90.00	80.00	78.90	80.50	81.00	83.00
3620994.98	84.70	86.50	87.00	68.50	83.00	76.00	73.90	83.00	83.00
3620844.98	84.00	78.70	76.60	67.00	76.00	68.70	66.80	78.00	69.00
3620694.98	86.00	71.00	69.80	65.00	73.00	57.00	76.00	76.00	66.00
3620544.98	68.90	72.90	73.00	66.00	74.00	55.60	76.00	65.00	63.80
3620394.98	77.00	68.70	68.00	66.60	74.00	56.00	63.00	55.90	60.00
3620244.98	70.90	74.00	63.80	59.80	56.60	64.00	52.00	50.70	56.00
3620094.98	69.00	76.00	67.00	59.10	53.00	67.00	52.00	53.00	63.00
3619944.98	63.00	71.00	58.00	60.00	60.00	60.00	52.00	55.00	56.00
3619794.98	62.00	63.00	60.00	60.00	60.00	60.00	54.00	54.00	55.00
3619644.98	56.00	63.00	62.00	31.00	51.00	52.00	50.00	51.80	54.00
3619494.98	56.00	62.00	26.80	18.90	52.00	52.00	46.70	46.70	54.00
3619344.98	31.80	25.00	20.60	15.00	24.00	45.00	40.10	40.00	43.00
3619194.98	25.80	24.90	15.70	11.90	40.00	37.30	42.00	36.70	39.70
3619044.98	28.10	26.90	26.00	11.80	38.00	35.50	33.80	30.20	43.00
3618894.98	26.00	25.30	27.00	12.70	23.70	25.90	26.70	36.30	36.00
3618744.98	23.20	23.00	26.00	12.60	17.60	30.00	26.00	42.00	26.40
3618594.98	27.00	28.50	30.00	19.00	17.30	27.20	29.10	30.20	32.20
3618444.98	26.00	28.80	31.00	17.00	19.90	26.80	29.80	28.00	29.00
3618294.98	24.80	26.20	31.00	13.00	24.00	26.10	29.20	29.00	22.00
3618144.98	23.00	20.60	30.00	7.60	22.00	20.20	22.80	22.40	32.00
3617994.98	20.50	15.70	6.50	5.20	20.00	20.00	17.80	25.80	29.00
3617844.98	14.50	13.90	4.20	5.00	13.40	16.40	20.70	31.00	28.50
3617694.98	23.20	17.80	4.80	12.00	14.20	18.20	18.80	17.70	30.00
3617544.98	25.00	22.60	12.00	16.00	11.70	16.80	17.70	12.80	21.50
3617394.98	22.00	11.90	6.80	10.00	9.80	14.10	11.10	12.00	20.00
3617244.98	12.00	11.80	6.70	7.10	10.00	12.20	10.00	12.00	15.00
3617094.98	11.00	10.20	6.10	8.60	11.00	9.60	13.00	3.20	11.00
3616944.98	5.10	10.00	3.80	3.20	3.10	8.20	13.00	3.90	5.60
3616794.98	8.00	7.00	4.40	12.00	7.10	5.10	8.90	5.80	8.10
3616644.98	1.20	1.60	6.90	10.00	7.70	6.10	8.20	8.80	11.30

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	488162.11	488312.11	488462.11	488612.11	488762.11	488912.11	489062.11	489212.11	489362.11
3616494.98	5.20	7.20	6.80	11.00	13.00	5.70	3.00	7.70	9.10
3616344.98	0.90	5.80	5.00	8.20	4.30	1.20	2.20	12.00	5.20
3616194.98	5.10	3.20	6.00	4.00	2.70	6.20	7.00	12.00	11.00
3616044.98	4.20	3.90	2.90	1.20	2.20	2.80	8.10	5.90	2.80
3615894.98	7.00	3.80	0.30	4.50	2.30	2.10	1.80	4.80	1.60
3615744.98	3.70	3.10	4.00	3.20	4.20	3.20	3.00	-0.10	3.70
3615594.98	12.00	15.00	15.00	5.90	8.60	11.00	6.00	4.10	3.80
3615444.98	15.00	13.00	10.00	3.60	12.00	7.90	6.80	3.00	3.80
3615294.98	15.00	15.00	7.00	0.80	4.00	6.30	10.00	5.80	2.80
3615144.98	13.00	13.00	0.00	6.90	2.10	4.10	2.90	3.10	2.10
3614994.98	0.00	20.00	20.00	20.00	6.00	3.90	3.00	3.50	4.20
3614844.98	0.00	20.00	20.00	18.00	0.50	3.20	5.80	5.70	3.90
3614694.98	0.00	0.00	9.00	17.00	3.10	4.80	3.70	4.10	4.00
3614544.98	0.00	0.00	0.00	0.20	2.60	4.00	3.20	2.90	3.10
3614394.98	0.00	1.80	4.30	0.00	1.10	3.20	9.60	8.80	2.80
3614244.98	0.00	0.00	0.00	0.00	0.10	7.00	5.30	2.10	3.00
3614094.98	0.00	0.00	14.00	20.00	17.00	3.10	3.60	2.40	3.20
3613944.98	0.00	9.00	21.00	20.00	20.00	2.90	2.70	2.80	3.40
3613794.98	0.00	21.00	21.00	21.00	4.00	1.00	2.90	2.90	3.20
3613644.98	0.00	0.00	21.00	21.00	1.10	3.00	2.90	4.20	4.40

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	489512.11	489662.11	489812.11	489962.11	490112.11	490262.11	490412.11	490562.11	490712.11
3622494.98	97.70	97.70	93.40	97.10	95.70	94.70	98.00	99.70	99.70
3622344.98	98.00	95.20	94.20	92.80	91.50	95.00	93.20	97.10	92.00
3622194.98	87.00	94.00	90.50	92.00	92.00	88.20	93.10	95.00	95.00
3622044.98	94.00	87.50	87.00	91.00	91.10	89.90	90.80	93.30	95.00
3621894.98	88.00	94.00	91.00	89.90	90.90	89.00	87.00	94.00	89.90
3621744.98	64.60	88.00	87.50	89.70	89.50	84.80	87.00	89.70	84.60
3621594.98	65.00	81.00	82.20	83.20	86.10	81.00	81.20	83.70	86.00
3621444.98	84.00	72.90	86.00	86.00	80.50	76.50	82.60	78.00	87.00
3621294.98	83.00	71.00	74.00	78.00	75.80	80.70	78.70	70.00	89.00
3621144.98	82.00	71.50	72.00	73.60	77.00	77.00	75.00	84.00	74.00
3620994.98	69.00	68.70	61.00	66.70	65.00	81.00	83.00	76.00	73.80
3620844.98	65.90	68.80	67.00	57.90	69.00	79.00	76.00	75.00	73.00
3620694.98	65.00	61.00	63.00	63.00	69.00	62.00	75.00	67.80	72.00
3620544.98	65.00	65.00	64.00	59.00	62.00	59.90	71.00	70.00	76.00
3620394.98	65.00	67.00	48.00	49.20	58.00	64.00	64.00	70.00	67.00
3620244.98	63.00	64.00	47.00	51.00	64.00	64.00	57.00	53.00	62.30
3620094.98	62.00	56.00	55.00	58.00	45.00	50.00	48.00	57.20	70.00
3619944.98	56.00	55.00	51.80	51.30	58.00	58.00	56.00	59.80	59.10
3619794.98	53.20	52.90	55.30	56.00	54.00	51.00	59.00	56.70	54.50
3619644.98	56.90	48.80	55.70	53.00	46.20	48.90	53.00	51.80	51.70
3619494.98	51.80	45.80	47.20	47.90	43.00	46.70	41.00	46.80	47.90
3619344.98	48.20	49.00	41.20	42.80	40.10	42.80	42.80	49.00	47.90
3619194.98	53.00	52.00	38.80	40.00	37.90	39.80	40.10	41.10	51.00
3619044.98	38.00	30.20	37.00	37.40	43.20	52.00	42.00	44.10	45.00
3618894.98	41.00	35.70	40.80	47.00	48.00	48.90	49.00	42.30	43.30
3618744.98	34.80	39.00	37.30	49.00	44.70	44.80	49.60	46.00	39.00
3618594.98	38.00	42.10	41.40	39.80	41.90	42.10	45.00	45.00	46.00
3618444.98	35.10	37.00	45.00	33.90	31.70	45.00	38.00	47.00	46.00
3618294.98	27.70	32.00	35.60	29.10	24.00	25.00	22.00	20.50	26.00
3618144.98	30.10	35.00	29.70	27.70	24.00	19.00	15.20	21.00	22.10
3617994.98	33.00	25.00	22.40	27.00	22.80	12.80	15.50	19.10	24.50
3617844.98	28.20	28.10	27.20	19.90	18.80	12.70	19.20	22.10	24.20
3617694.98	26.90	33.00	24.20	18.00	14.80	10.30	25.00	22.20	23.90
3617544.98	23.60	28.80	20.90	17.00	10.90	17.30	20.20	31.00	32.00
3617394.98	23.50	29.00	29.00	11.10	13.00	27.00	24.00	27.20	26.80
3617244.98	23.00	20.00	5.30	11.60	28.00	29.00	28.20	30.60	25.60
3617094.98	3.60	7.80	20.00	18.00	23.10	30.20	28.10	24.10	22.20
3616944.98	9.20	21.10	21.30	30.00	25.10	29.60	26.60	27.90	22.80
3616794.98	14.90	16.90	20.50	25.70	22.50	29.00	20.80	17.60	17.90
3616644.98	12.90	13.90	16.50	15.20	23.00	15.70	17.00	21.00	28.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	489512.11	489662.11	489812.11	489962.11	490112.11	490262.11	490412.11	490562.11	490712.11
3616494.98	11.00	11.00	10.70	8.80	16.00	12.20	12.20	12.20	20.00
3616344.98	9.70	6.00	20.00	14.00	22.30	25.00	29.00	16.10	19.10
3616194.98	10.00	10.90	13.80	15.90	24.00	21.80	26.00	27.00	22.40
3616044.98	5.20	8.90	14.70	19.00	19.80	19.10	26.00	21.90	24.10
3615894.98	8.50	7.60	14.00	15.80	12.70	18.70	16.30	22.10	22.90
3615744.98	1.20	4.00	7.80	12.20	12.50	16.30	17.90	22.00	21.90
3615594.98	4.00	1.00	10.00	12.70	13.10	16.70	16.80	19.10	21.70
3615444.98	6.10	3.00	4.90	13.10	11.20	16.00	16.20	18.80	14.00
3615294.98	10.00	6.40	26.00	26.00	26.00	9.90	17.70	17.00	11.10
3615144.98	3.80	8.50	5.10	26.00	10.80	12.40	13.80	9.70	8.90
3614994.98	5.10	12.00	7.10	8.80	11.10	11.10	11.60	7.00	9.30
3614844.98	1.00	1.90	5.00	8.90	12.00	6.80	4.10	9.50	13.00
3614694.98	5.30	8.00	4.00	6.80	10.70	2.90	9.00	13.20	13.90
3614544.98	1.40	4.80	5.20	6.20	4.00	3.70	5.90	11.00	12.60
3614394.98	1.90	4.40	5.90	6.40	2.80	2.90	5.10	8.70	10.20
3614244.98	3.20	9.80	6.00	5.80	1.80	5.20	6.80	6.10	8.90
3614094.98	11.00	4.70	15.00	6.10	2.00	6.20	7.00	5.00	12.20
3613944.98	4.20	6.00	6.00	3.90	0.90	5.90	5.90	6.00	12.90
3613794.98	8.10	9.80	13.00	3.20	3.90	4.80	4.80	5.90	12.00
3613644.98	5.90	10.00	7.00	5.70	3.00	1.20	5.90	5.10	11.10

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	490862.11	491012.11	491162.11	491312.11	491462.11	491612.11	491762.11	491912.11	492062.11
3622494.98	99.70	100.00	91.00	104.00	95.80	106.00	98.00	98.00	101.00
3622344.98	97.70	98.50	95.00	98.00	98.00	106.00	89.80	98.00	90.00
3622194.98	98.00	97.60	98.00	98.00	98.00	83.00	82.00	90.00	90.00
3622044.98	84.60	89.40	93.00	98.00	84.00	78.90	90.00	90.00	83.20
3621894.98	95.00	88.80	98.00	98.00	84.40	88.00	82.00	81.00	82.70
3621744.98	88.00	92.00	93.00	81.00	85.90	88.00	77.00	76.50	82.00
3621594.98	88.00	91.00	84.00	83.50	86.00	88.00	76.00	69.50	69.90
3621444.98	89.00	85.00	82.20	80.60	87.00	86.00	79.00	78.00	74.00
3621294.98	83.00	81.70	82.60	85.00	86.00	78.00	78.00	76.70	74.10
3621144.98	81.00	77.90	84.00	85.00	84.00	77.00	77.00	71.00	67.80
3620994.98	73.00	80.00	85.00	84.00	77.00	70.60	73.50	76.00	71.10
3620844.98	76.00	81.00	80.00	62.70	67.30	66.30	72.80	68.90	75.90
3620694.98	79.00	76.00	73.00	69.90	71.10	70.30	70.10	70.20	76.10
3620544.98	71.00	71.00	69.00	71.80	70.70	73.00	72.00	69.20	74.50
3620394.98	69.00	69.00	69.20	71.60	73.50	70.60	69.10	68.80	71.90
3620244.98	64.20	67.30	70.00	71.00	71.50	66.10	66.20	62.90	66.50
3620094.98	69.00	72.00	69.00	65.60	65.00	62.10	65.10	63.90	64.10
3619944.98	71.00	57.00	59.70	59.10	57.80	66.00	59.00	60.90	66.00
3619794.98	57.30	57.90	57.20	60.70	54.80	60.00	57.10	59.00	54.70
3619644.98	56.00	56.10	57.40	54.00	54.90	53.60	54.10	49.00	47.00
3619494.98	52.30	54.90	59.00	51.10	52.20	50.60	49.00	48.00	77.00
3619344.98	52.10	51.80	46.70	43.20	52.90	44.90	43.70	45.00	77.00
3619194.98	48.70	44.20	48.00	47.00	53.00	53.00	37.00	32.80	77.00
3619044.98	47.00	46.00	41.00	33.80	53.00	53.00	38.00	26.50	36.00
3618894.98	44.00	45.00	39.00	25.20	25.10	28.40	50.00	37.30	38.40
3618744.98	47.00	25.00	25.80	44.00	30.20	39.90	46.40	43.30	44.00
3618594.98	19.90	28.20	33.20	44.00	43.10	46.10	53.10	53.30	55.90
3618444.98	23.10	28.00	36.00	38.00	42.20	47.00	50.00	56.70	54.90
3618294.98	27.30	32.00	33.30	48.00	45.20	48.00	50.20	47.90	52.50
3618144.98	27.30	32.70	41.00	41.20	41.80	44.00	44.60	49.00	46.10
3617994.98	26.90	34.20	42.00	38.00	47.80	41.00	48.00	38.90	50.00
3617844.98	28.40	33.10	43.00	44.00	46.00	32.90	37.40	39.80	46.00
3617694.98	27.30	34.00	36.00	34.60	31.60	29.10	35.00	37.80	41.20
3617544.98	24.40	31.80	38.00	26.70	32.20	34.30	36.30	38.20	41.20
3617394.98	27.90	33.20	27.70	33.80	33.80	35.10	37.70	39.90	45.00
3617244.98	26.10	34.00	33.00	27.90	28.70	31.90	32.60	40.30	46.00
3617094.98	22.00	39.00	39.00	30.00	33.00	32.50	36.10	42.10	41.10
3616944.98	27.10	31.60	27.50	25.80	37.00	40.30	38.80	40.80	40.80
3616794.98	30.00	28.70	39.00	35.90	32.30	35.80	34.60	35.80	37.00
3616644.98	28.00	30.00	39.00	31.80	30.90	41.00	41.00	31.80	37.90

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	490862.11	491012.11	491162.11	491312.11	491462.11	491612.11	491762.11	491912.11	492062.11
3616494.98	28.00	17.30	21.20	34.00	29.20	28.10	41.00	36.00	36.00
3616344.98	28.40	20.80	22.20	27.20	31.10	32.00	33.30	37.10	38.80
3616194.98	24.10	25.00	23.70	27.80	27.90	32.80	37.00	33.00	30.70
3616044.98	24.10	27.00	19.90	25.90	29.90	25.80	24.80	23.80	24.80
3615894.98	27.10	28.10	27.00	21.80	29.00	20.80	35.00	29.00	30.50
3615744.98	24.70	27.20	27.00	15.20	33.00	22.30	33.00	30.30	33.10
3615594.98	22.60	29.00	29.00	33.00	31.00	33.00	21.10	27.80	29.70
3615444.98	16.00	13.00	30.00	15.00	17.40	26.00	18.80	21.00	29.00
3615294.98	11.70	31.00	30.20	32.00	25.00	28.80	33.00	31.00	28.20
3615144.98	11.20	19.10	30.00	31.10	33.00	27.20	32.90	32.00	31.90
3614994.98	14.20	17.50	28.30	34.90	26.90	25.90	32.90	32.20	28.60
3614844.98	14.90	22.10	27.10	32.10	32.10	29.20	31.60	32.20	22.70
3614694.98	15.90	21.10	28.10	32.80	31.70	29.00	36.00	33.90	26.00
3614544.98	16.50	21.20	27.00	31.20	26.90	26.30	33.20	35.80	37.00
3614394.98	18.30	24.70	27.10	29.00	27.00	27.50	37.00	39.00	41.00
3614244.98	18.20	23.90	21.30	24.50	18.30	25.90	32.70	37.60	41.00
3614094.98	16.10	22.10	21.70	19.70	20.20	20.90	26.70	29.80	39.00
3613944.98	19.10	17.80	19.70	18.90	20.00	20.20	22.80	20.10	33.00
3613794.98	18.20	18.80	14.30	18.20	16.80	18.10	21.00	22.80	32.00
3613644.98	18.10	19.00	15.30	20.20	18.20	16.30	19.80	16.50	18.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	492212.11	492362.11	492512.11	492662.11	492812.11	492962.11	493112.11	493262.11	493412.11
3622494.98	87.00	85.30	93.10	98.00	120.00	124.00	120.00	121.60	127.50
3622344.98	81.70	89.00	92.60	94.20	124.00	124.00	127.00	128.00	129.00
3622194.98	84.40	85.40	87.90	92.20	102.80	121.00	121.00	129.00	144.00
3622044.98	83.80	80.10	85.10	90.20	128.00	121.00	123.00	126.60	134.00
3621894.98	79.00	82.20	87.10	113.00	111.00	128.00	127.90	131.00	129.80
3621744.98	82.10	83.20	86.10	114.00	112.70	125.00	126.10	128.00	129.10
3621594.98	79.80	80.20	86.60	125.00	126.00	124.20	125.00	123.20	128.20
3621444.98	76.60	84.20	86.80	125.00	120.00	118.50	119.90	131.00	129.00
3621294.98	76.90	79.50	118.00	97.40	110.00	113.00	119.00	131.00	131.00
3621144.98	71.70	97.00	99.00	99.10	110.00	99.00	103.60	131.00	131.00
3620994.98	71.00	97.00	94.00	105.00	104.10	105.00	104.00	131.00	142.00
3620844.98	83.00	91.00	99.00	97.90	100.00	105.00	136.00	136.00	136.00
3620694.98	85.00	90.00	89.90	99.00	104.00	136.00	136.00	136.00	111.20
3620544.98	76.80	78.10	91.00	91.00	136.00	136.00	136.00	136.00	136.00
3620394.98	71.00	90.00	91.00	103.00	103.00	98.20	125.00	136.00	136.00
3620244.98	69.10	69.00	84.00	103.00	79.80	125.00	136.00	125.00	136.00
3620094.98	70.00	71.00	86.00	76.80	125.00	125.00	125.00	125.00	125.00
3619944.98	67.00	80.00	86.00	77.40	77.40	87.70	91.00	92.80	125.00
3619794.98	70.00	79.00	78.00	79.30	83.80	82.60	88.00	87.00	93.00
3619644.98	77.00	73.00	73.70	81.20	84.00	82.80	84.50	77.50	85.00
3619494.98	77.00	75.30	84.00	80.00	83.00	79.80	75.80	85.00	84.00
3619344.98	69.00	77.00	84.00	84.00	82.00	83.00	73.60	69.00	73.00
3619194.98	77.00	77.00	84.00	83.00	83.00	83.00	74.00	74.00	59.00
3619044.98	66.00	42.20	41.30	83.00	92.00	92.00	90.00	73.00	85.00
3618894.98	43.50	47.10	46.80	49.20	92.00	92.00	92.00	74.00	67.30
3618744.98	47.80	50.00	50.20	92.00	92.00	92.00	92.00	92.00	76.90
3618594.98	50.20	67.00	68.00	78.00	80.00	87.10	89.80	92.00	85.80
3618444.98	55.80	59.00	64.70	65.90	75.80	84.10	91.20	92.00	82.90
3618294.98	47.10	62.00	67.00	72.00	79.20	84.80	90.90	83.20	80.90
3618144.98	60.00	54.50	82.00	82.00	82.00	90.00	91.60	85.90	78.20
3617994.98	50.00	53.00	56.10	84.00	80.00	83.90	87.60	75.80	74.10
3617844.98	44.00	45.80	53.20	81.00	80.00	83.50	88.00	90.00	117.00
3617694.98	53.00	62.00	61.20	64.50	81.00	91.00	90.00	86.70	84.90
3617544.98	52.80	55.00	56.90	63.00	92.00	92.00	92.00	88.80	88.20
3617394.98	43.80	47.90	49.90	91.00	91.00	91.00	90.80	86.60	84.80
3617244.98	47.80	48.30	51.20	54.80	91.00	75.00	90.00	84.00	84.10
3617094.98	46.00	45.80	49.90	53.10	65.00	64.80	79.00	84.20	82.00
3616944.98	44.80	47.20	44.90	47.10	61.00	61.50	86.00	85.00	87.00
3616794.98	37.90	42.40	45.40	48.80	52.50	65.90	73.00	87.00	97.00
3616644.98	40.10	43.70	49.30	53.00	53.00	58.90	73.00	96.00	97.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	492212.11	492362.11	492512.11	492662.11	492812.11	492962.11	493112.11	493262.11	493412.11
3616494.98	46.00	51.00	49.90	46.50	50.10	53.70	95.00	96.00	96.00
3616344.98	44.70	49.00	51.00	45.20	45.20	44.80	96.00	96.00	96.00
3616194.98	45.00	38.00	35.70	40.70	38.80	36.20	36.20	96.00	62.10
3616044.98	26.90	31.20	31.90	33.00	32.20	33.90	36.20	46.10	56.90
3615894.98	40.00	38.00	32.90	35.00	45.00	46.00	52.00	47.10	54.40
3615744.98	38.00	31.80	32.50	41.00	43.80	45.10	50.70	52.10	57.20
3615594.98	25.80	36.00	36.80	39.80	43.20	46.30	49.50	57.10	58.60
3615444.98	28.20	33.20	32.30	37.10	40.70	48.50	48.50	50.90	53.70
3615294.98	30.20	41.00	37.20	37.10	41.80	46.50	47.50	52.20	52.50
3615144.98	38.00	38.90	44.10	37.90	54.00	53.20	51.40	56.80	57.00
3614994.98	47.00	46.00	45.20	36.20	53.00	50.00	57.00	57.00	57.00
3614844.98	28.80	50.00	49.20	42.90	32.90	44.80	52.00	58.80	55.00
3614694.98	23.00	50.00	45.70	47.00	47.00	46.00	47.00	53.70	55.00
3614544.98	20.90	46.00	42.80	49.00	31.80	37.80	50.90	51.00	47.10
3614394.98	20.80	26.10	44.00	44.00	42.00	40.10	51.00	52.90	53.10
3614244.98	31.00	30.20	44.00	44.00	42.50	36.00	48.00	47.80	51.50
3614094.98	32.70	26.90	34.00	44.00	43.00	38.70	45.90	44.00	48.80
3613944.98	30.00	30.00	20.50	20.90	38.00	39.00	48.00	48.00	46.90
3613794.98	32.00	12.80	14.60	21.00	20.80	48.00	48.00	30.00	48.00
3613644.98	9.10	8.30	9.00	13.10	19.00	15.90	16.80	26.00	48.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	493562.11	493712.11	493862.11	494012.11	494162.11	494312.11	494462.11	494612.11	494762.11
3622494.98	131.10	146.00	145.40	147.90	147.00	139.00	138.50	143.80	136.90
3622344.98	144.00	149.00	149.00	149.00	144.80	150.00	142.00	143.00	129.50
3622194.98	147.00	154.00	155.00	155.00	155.00	144.00	150.00	135.00	133.00
3622044.98	127.70	146.00	142.80	155.00	144.70	137.90	137.00	119.90	124.00
3621894.98	134.10	147.00	137.90	137.00	140.80	137.70	139.00	141.00	136.00
3621744.98	131.10	133.20	136.60	135.20	132.80	136.00	141.00	141.00	130.00
3621594.98	129.00	132.10	141.00	133.00	138.00	141.00	141.00	121.10	127.50
3621444.98	127.00	126.00	130.00	141.00	141.00	141.00	114.00	126.00	142.00
3621294.98	133.00	141.00	142.00	142.00	142.00	140.00	140.00	141.00	128.80
3621144.98	140.00	142.00	142.00	139.00	142.00	141.00	140.00	141.00	141.00
3620994.98	142.00	142.00	140.00	142.00	142.00	142.00	140.00	136.10	135.00
3620844.98	125.00	140.00	139.00	139.00	142.00	141.20	143.00	140.80	130.80
3620694.98	115.00	140.00	136.00	139.00	142.00	141.00	143.00	143.00	143.00
3620544.98	136.00	142.00	131.80	135.50	142.00	142.00	145.00	145.00	125.00
3620394.98	136.00	142.00	132.00	142.00	143.00	145.00	145.00	145.00	130.80
3620244.98	136.00	136.00	132.00	143.00	143.00	143.00	143.00	142.50	145.00
3620094.98	136.00	109.00	139.00	141.00	139.00	143.00	145.00	145.00	145.00
3619944.98	112.00	139.00	139.00	127.00	139.00	139.00	145.00	145.00	122.00
3619794.98	127.00	137.00	139.00	139.00	139.00	139.00	145.00	102.00	123.00
3619644.98	85.80	127.00	136.00	139.00	139.00	139.00	139.00	89.00	92.00
3619494.98	84.00	73.90	135.00	139.00	139.00	139.00	139.00	80.10	108.00
3619344.98	83.00	68.00	68.50	139.00	139.00	139.00	132.00	132.00	132.00
3619194.98	57.70	132.00	132.00	139.00	132.00	132.00	132.00	147.00	147.00
3619044.98	92.00	132.00	132.00	132.00	132.00	132.00	132.00	132.00	130.00
3618894.98	86.00	85.00	132.00	132.00	132.00	132.00	128.50	122.10	119.80
3618744.98	84.80	94.00	127.00	129.00	129.00	132.00	132.00	119.10	122.00
3618594.98	89.20	98.00	98.00	98.20	132.00	124.00	129.00	116.20	147.00
3618444.98	88.20	91.00	99.00	103.00	124.00	124.00	128.40	125.80	130.00
3618294.98	84.80	87.30	92.60	92.10	99.10	132.00	132.00	116.70	122.90
3618144.98	82.90	85.80	84.00	85.20	124.00	124.00	124.00	132.00	125.00
3617994.98	117.00	117.00	117.00	106.00	100.40	124.00	124.00	124.00	123.00
3617844.98	117.00	117.00	117.00	105.20	100.80	124.00	124.00	124.00	101.70
3617694.98	117.00	117.00	117.00	117.00	107.00	124.00	124.00	124.00	102.00
3617544.98	90.40	99.90	117.00	117.00	106.00	78.70	124.00	124.00	129.00
3617394.98	90.90	100.00	117.00	117.00	117.00	97.00	108.00	93.60	110.00
3617244.98	90.00	100.00	113.00	65.40	74.40	85.00	85.00	95.10	103.80
3617094.98	85.00	100.00	100.00	81.00	81.00	84.20	86.10	95.70	105.40
3616944.98	97.00	97.00	113.00	78.60	82.00	113.00	81.60	89.60	103.00
3616794.98	97.00	97.00	111.00	113.00	128.00	128.00	130.00	130.00	130.00
3616644.98	97.00	97.00	94.10	95.00	113.00	108.20	113.00	130.00	129.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	493562.11	493712.11	493862.11	494012.11	494162.11	494312.11	494462.11	494612.11	494762.11
3616494.98	96.00	91.60	88.90	93.20	90.20	113.00	107.10	129.00	127.00
3616344.98	81.80	89.00	85.70	89.70	91.10	103.00	130.00	130.00	125.90
3616194.98	71.00	86.00	87.00	84.80	87.00	95.00	130.00	130.00	130.00
3616044.98	86.00	84.00	87.00	91.00	93.00	107.00	130.00	130.00	130.00
3615894.98	61.80	68.50	87.00	85.50	89.50	101.00	107.00	105.00	95.70
3615744.98	62.90	67.90	68.30	80.00	87.10	95.00	98.70	100.50	98.40
3615594.98	60.70	65.20	67.00	71.10	80.90	84.70	97.00	92.70	110.00
3615444.98	56.90	66.10	65.80	67.00	72.40	84.00	88.90	97.80	90.60
3615294.98	54.40	58.50	60.10	65.30	71.80	79.70	92.00	91.90	91.00
3615144.98	56.10	61.10	61.30	67.10	68.10	77.80	78.80	82.70	85.20
3614994.98	50.40	59.20	64.10	67.90	66.10	67.50	68.50	74.90	79.10
3614844.98	57.00	62.20	61.90	67.00	60.20	62.50	73.00	71.30	77.80
3614694.98	48.70	60.00	59.00	66.00	64.00	64.00	76.00	69.60	74.00
3614544.98	55.00	56.00	52.50	61.00	60.80	62.00	64.80	62.00	57.80
3614394.98	50.10	56.00	65.00	62.00	62.10	69.00	54.00	50.70	55.80
3614244.98	46.30	65.00	65.00	63.40	64.00	65.00	47.70	42.10	48.00
3614094.98	50.90	52.00	65.00	65.00	65.00	44.00	47.00	43.20	39.20
3613944.98	48.00	65.00	65.00	65.00	65.00	49.00	51.00	45.80	43.00
3613794.98	48.00	52.00	35.00	46.00	39.10	49.10	52.10	46.00	59.00
3613644.98	48.00	22.50	46.00	45.00	45.50	50.90	50.00	52.00	59.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	494912.11	495062.11	495212.11	495362.11	495512.11	495662.11	495812.11
3622494.98	132.00	125.00	116.70	145.00	145.00	134.20	135.20
3622344.98	138.00	112.90	139.00	132.30	142.70	142.00	137.10
3622194.98	136.00	116.00	132.00	139.00	144.00	134.60	139.00
3622044.98	119.00	135.00	130.60	135.10	144.00	141.90	138.00
3621894.98	131.00	137.00	135.20	141.50	139.30	143.20	144.20
3621744.98	132.50	130.70	136.00	132.20	136.50	143.30	141.10
3621594.98	136.00	132.00	130.70	143.20	139.40	144.90	141.80
3621444.98	142.00	137.00	135.60	146.00	143.00	143.80	138.00
3621294.98	137.60	137.60	139.70	143.00	137.20	143.10	144.00
3621144.98	142.00	134.50	136.50	141.70	141.00	143.00	141.00
3620994.98	137.20	135.00	136.40	142.10	145.00	136.00	135.00
3620844.98	138.00	139.00	137.10	141.00	145.00	134.00	134.00
3620694.98	139.00	139.00	142.00	125.90	143.00	134.00	134.00
3620544.98	143.00	141.70	142.00	143.00	125.00	110.00	118.40
3620394.98	138.00	138.00	143.00	143.00	141.00	129.00	124.00
3620244.98	145.00	138.00	143.00	143.00	125.00	126.00	129.00
3620094.98	145.00	145.00	143.00	125.00	121.00	129.00	129.00
3619944.98	123.00	145.00	119.00	119.00	122.00	127.00	128.00
3619794.98	145.00	123.00	118.00	117.00	128.00	128.00	128.00
3619644.98	123.00	107.90	108.00	117.00	128.00	128.00	123.40
3619494.98	107.00	108.00	107.00	112.00	128.00	128.00	128.00
3619344.98	88.00	108.00	80.50	79.10	85.90	126.00	128.00
3619194.98	147.00	147.00	147.00	147.00	115.00	124.00	111.00
3619044.98	147.00	147.00	147.00	147.00	115.00	124.00	104.00
3618894.98	147.00	147.00	147.00	147.00	115.00	113.10	109.30
3618744.98	147.00	147.00	147.00	147.00	124.00	121.90	121.30
3618594.98	147.00	146.80	147.00	147.00	108.00	117.80	126.70
3618444.98	147.00	147.00	137.60	147.00	115.30	130.00	139.00
3618294.98	147.00	147.00	134.00	125.00	120.00	123.90	134.90
3618144.98	125.00	122.00	120.80	117.00	115.80	137.00	133.80
3617994.98	123.00	121.00	113.90	111.80	115.00	136.00	136.00
3617844.98	104.00	107.00	108.00	104.00	108.00	105.00	136.00
3617694.98	99.00	123.00	92.70	150.00	150.00	150.00	150.00
3617544.98	135.00	150.00	150.00	150.00	150.00	150.00	150.00
3617394.98	114.00	133.00	120.50	131.00	150.00	150.00	134.30
3617244.98	106.60	121.00	131.00	129.60	150.00	149.60	135.80
3617094.98	110.00	135.00	135.00	135.00	150.00	150.00	144.00
3616944.98	110.00	135.00	135.00	149.00	150.00	150.00	149.00
3616794.98	135.00	135.00	135.00	135.00	150.00	150.00	147.00
3616644.98	130.00	129.00	133.00	135.00	135.00	136.00	123.90

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	494912.11	495062.11	495212.11	495362.11	495512.11	495662.11	495812.11
3616494.98	126.20	122.90	123.00	136.00	124.80	132.60	135.00
3616344.98	130.00	127.00	110.20	117.00	127.30	134.10	128.80
3616194.98	130.00	124.00	120.00	136.00	132.00	135.60	134.00
3616044.98	129.00	124.00	124.00	136.00	136.00	136.00	136.00
3615894.98	98.90	105.20	124.00	136.00	136.00	135.00	110.80
3615744.98	111.00	111.30	110.10	136.00	136.00	109.00	110.20
3615594.98	113.00	112.20	107.20	116.00	86.80	113.00	104.60
3615444.98	116.00	115.00	111.00	114.00	83.20	106.00	102.00
3615294.98	115.00	115.00	115.00	113.00	110.00	106.00	84.60
3615144.98	74.90	115.00	114.00	110.00	70.20	76.00	77.60
3614994.98	70.90	67.00	67.80	67.00	73.00	73.00	67.70
3614844.98	73.00	66.20	58.50	69.00	73.00	75.00	56.80
3614694.98	72.00	68.00	52.00	67.00	67.00	65.70	63.10
3614544.98	54.90	48.00	42.90	48.20	66.00	68.00	60.00
3614394.98	50.00	48.70	43.10	67.00	47.90	71.00	71.70
3614244.98	47.20	47.00	67.00	67.00	66.00	64.00	67.20
3614094.98	50.00	69.00	69.00	67.00	66.00	63.30	67.00
3613944.98	69.00	69.00	69.00	63.00	65.00	67.00	69.00
3613794.98	69.00	63.00	62.60	69.00	58.00	67.00	69.00
3613644.98	54.50	55.00	69.00	69.00	69.00	69.00	69.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485462.11	485612.11	485762.11	485912.11	486062.11	486212.11	486362.11	486512.11	486662.11
3622494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 485462.11	485612.11	485762.11	485912.11	486062.11	486212.11	486362.11	486512.11	486662.11
3616494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 486812.11	486962.11	487112.11	487262.11	487412.11	487562.11	487712.11	487862.11	488012.11
3622494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 486812.11	486962.11	487112.11	487262.11	487412.11	487562.11	487712.11	487862.11	488012.11
3616494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	488162.11	488312.11	488462.11	488612.11	488762.11	488912.11	489062.11	489212.11	489362.11
3622494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 488162.11	488312.11	488462.11	488612.11	488762.11	488912.11	489062.11	489212.11	489362.11
3616494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 489512.11	489662.11	489812.11	489962.11	490112.11	490262.11	490412.11	490562.11	490712.11
3622494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 489512.11	489662.11	489812.11	489962.11	490112.11	490262.11	490412.11	490562.11	490712.11
3616494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 490862.11	491012.11	491162.11	491312.11	491462.11	491612.11	491762.11	491912.11	492062.11
3622494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	490862.11	491012.11	491162.11	491312.11	491462.11	491612.11	491762.11	491912.11	492062.11
3616494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	492212.11	492362.11	492512.11	492662.11	492812.11	492962.11	493112.11	493262.11	493412.11
3622494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 492212.11	492362.11	492512.11	492662.11	492812.11	492962.11	493112.11	493262.11	493412.11
3616494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 493562.11	493712.11	493862.11	494012.11	494162.11	494312.11	494462.11	494612.11	494762.11
3622494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	493562.11	493712.11	493862.11	494012.11	494162.11	494312.11	494462.11	494612.11	494762.11
3616494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 494912.11	495062.11	495212.11	495362.11	495512.11	495662.11	495812.11
3622494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3622044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3621144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3620094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3619044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3618144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3617094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	494912.11	495062.11	495212.11	495362.11	495512.11	495662.11	495812.11
3616494.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616344.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616194.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3616044.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615894.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615744.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615594.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615444.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615294.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3615144.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614994.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614844.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614694.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614544.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614394.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614244.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3614094.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613944.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613794.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3613644.98	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0017548	485462.1	3620695.0	-18.93
L0017549	485462.1	3620695.0	-0.51
L0017551	485612.1	3620695.0	-14.24
L0017554	485762.1	3620695.0	-20.84
L0017555	485762.1	3620695.0	-6.22
L0017557	485912.1	3620695.0	-4.46
L0017561	486062.1	3620545.0	0.22
L0017563	486062.1	3620395.0	-16.85
L0017564	486062.1	3620395.0	-32.13
L0017576	486212.1	3619795.0	-0.88
L0017579	486212.1	3619645.0	-3.04
L0009125	486212.1	3619495.0	-4.10
L0009128	486212.1	3619345.0	-4.50
L0009131	486212.1	3619195.0	-4.90
L0009134	486212.1	3619045.0	-5.30
L0009137	486212.1	3618895.0	-5.70
L0009140	486212.1	3618745.0	-6.11
L0017824	486212.1	3618595.0	-21.73
L0017825	486212.1	3618595.0	-19.11
L0017829	486362.1	3618445.0	-8.42
L0017833	486512.1	3618295.0	-25.09
L0017834	486512.1	3618295.0	-7.03
L0017837	486662.1	3618145.0	-26.17
L0009157	486662.1	3618145.0	-24.37
L0009160	486812.1	3617995.0	-10.09
L0009161	486812.1	3617995.0	-27.10
L0009165	486962.1	3617845.0	-13.22
L0009171	487262.1	3617695.0	-2.99
L0009172	487262.1	3617695.0	-1.23
L0009175	487412.1	3617545.0	-8.96
L0009176	487412.1	3617545.0	-24.71
L0009180	487562.1	3617395.0	-6.27
L0009183	487712.1	3617395.0	-28.82
L0009186	487862.1	3617395.0	-25.45
L0009189	488012.1	3617395.0	-20.99
L0009192	488162.1	3617395.0	-22.76
L0009194	488312.1	3617395.0	-0.18
L0009195	488312.1	3617395.0	-49.67
L0009196	488312.1	3617395.0	0.12
L0009201	488612.1	3617245.0	-13.09

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0017581	488612.1	3617245.0	-39.86
L0017585	488762.1	3617095.0	-40.37
L0017586	488762.1	3617095.0	-4.63
L0017589	488912.1	3616945.0	-18.12
L0017590	488912.1	3616945.0	-6.79
L0017596	489212.1	3616795.0	-0.70
L0017600	489362.1	3616645.0	-6.05
L0017606	489512.1	3616345.0	-21.24
L0017607	489512.1	3616345.0	-21.61
L0017609	489512.1	3616195.0	-12.48
L0017610	489512.1	3616195.0	-3.27
L0017615	489662.1	3615895.0	0.40
L0017616	489662.1	3615895.0	-38.22
L0017619	489662.1	3615745.0	-10.79
L0017631	489662.1	3615145.0	-18.29
L0017632	489662.1	3615145.0	-28.92
L0017634	489662.1	3614995.0	-2.65
L0017635	489662.1	3614995.0	0.35
L0017641	489512.1	3614695.0	-4.02
L0017650	489662.1	3614245.0	-37.12
L0017651	489662.1	3614245.0	-10.16
L0017653	489662.1	3614095.0	-8.88
L0017659	489812.1	3613795.0	-14.56
L0017660	489812.1	3613795.0	-34.35
L0017663	489812.1	3613645.0	-1.13
L0017689	489212.1	3622345.0	-23.95
L0017690	489212.1	3622345.0	-25.99
L0017696	489362.1	3622045.0	-10.41
L0017699	489362.1	3621895.0	-36.63
L0017705	489512.1	3621595.0	-14.06
L0017706	489512.1	3621595.0	-35.78
L0017708	489512.1	3621445.0	0.12
L0017709	489512.1	3621445.0	-21.63
L0017711	489512.1	3621295.0	-4.84
L0017712	489512.1	3621295.0	-40.71
L0017714	489512.1	3621145.0	-0.13
L0017715	489512.1	3621145.0	-14.78
L0017719	489362.1	3620995.0	-11.14
L0017721	489362.1	3620845.0	-5.81
L0017725	489212.1	3620695.0	-25.68

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0017726	489212.1	3620695.0	-21.23
L0017732	489062.1	3620395.0	-36.99
L0017733	489062.1	3620395.0	-7.37
L0017739	488912.1	3620095.0	-0.51
L0017742	488912.1	3619945.0	-2.15
L0009281	488912.1	3619795.0	-0.49
L0009284	488912.1	3619645.0	-5.66
L0009286	488912.1	3619495.0	-13.22
L0009287	488912.1	3619495.0	-34.57
L0009289	488912.1	3619345.0	0.77
L0009290	488912.1	3619345.0	-2.32
L0009315	488762.1	3619045.0	-28.67
L0009316	488762.1	3619045.0	-18.33
L0009318	488762.1	3618895.0	-22.52
L0009319	488762.1	3618895.0	-10.48
L0009321	488762.1	3618745.0	-0.24
L0009348	488612.1	3617395.0	-9.56
L0009349	488612.1	3617395.0	-1.39
L0009351	488612.1	3617245.0	-27.56
L0009352	488612.1	3617245.0	-14.02
L0009355	488462.1	3617095.0	-14.41
L0009356	488462.1	3617095.0	-17.88
L0009362	488312.1	3616795.0	-35.60
L0009363	488312.1	3616795.0	-10.29
L0017486	489362.1	3622495.0	-13.70
L0017488	489362.1	3622345.0	-17.71
L0017489	489362.1	3622345.0	-13.48
L0017491	489362.1	3622195.0	-2.19
L0017497	489512.1	3621895.0	-1.58
L0017498	489512.1	3621895.0	-24.05
L0017500	489512.1	3621745.0	-11.01
L0017501	489512.1	3621745.0	-36.71
L0017504	489512.1	3621595.0	-5.12
L0017510	489812.1	3621445.0	-16.44
L0017514	489962.1	3621295.0	-41.89
L0017515	489962.1	3621295.0	-1.92
L0017518	490112.1	3621145.0	-19.02
L0017519	490112.1	3621145.0	-5.68
L0017522	490262.1	3620995.0	-12.43
L0017523	490262.1	3620995.0	-36.52

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0017529	490412.1	3620695.0	-12.10
L0017530	490412.1	3620695.0	-1.65
L0017532	490412.1	3620545.0	-22.86
L0017533	490412.1	3620545.0	-3.23
L0017535	490412.1	3620395.0	-15.90
L0017538	490412.1	3620245.0	-8.76
L0009390	490412.1	3619645.0	-8.85
L0009391	490412.1	3619645.0	-22.30
L0009393	490412.1	3619495.0	-12.11
L0009394	490412.1	3619495.0	-11.35
L0009397	490562.1	3619345.0	-11.89
L0009398	490562.1	3619345.0	-22.30
L0009402	490712.1	3619195.0	-4.33
L0009404	490712.1	3619045.0	0.40
L0009408	490862.1	3618895.0	-13.78
L0009409	490862.1	3618895.0	-21.83
L0009412	491012.1	3618745.0	-7.18
L0009413	491012.1	3618745.0	-30.42
L0009447	491162.1	3617095.0	-0.15
L0009449	491162.1	3616945.0	-12.02
L0009450	491162.1	3616945.0	-28.17
L0009452	491162.1	3616795.0	-6.84
L0017743	491162.1	3616795.0	-13.27
L0017746	491312.1	3616645.0	-1.80
L0017747	491312.1	3616645.0	-39.89
L0017751	491462.1	3616495.0	-31.85
L0017752	491462.1	3616495.0	-8.77
L0017755	491612.1	3616345.0	-24.69
L0017756	491612.1	3616345.0	-21.36
L0017759	491762.1	3616195.0	-11.33
L0017760	491762.1	3616195.0	-24.82
L0017766	491912.1	3615895.0	-29.48
L0017767	491912.1	3615895.0	-12.85
L0017769	491912.1	3615745.0	-4.48
L0017773	492062.1	3615595.0	-16.47
L0017775	492062.1	3615445.0	-4.70
L0017776	492062.1	3615445.0	-24.39
L0017782	492212.1	3615145.0	-25.68
L0017783	492212.1	3615145.0	-21.71
L0017785	492212.1	3614995.0	-2.19

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0017789	492362.1	3614845.0	-8.14
L0017791	492362.1	3614695.0	-2.23
L0017792	492362.1	3614695.0	-41.33
L0017798	492512.1	3614395.0	-4.76
L0017799	492512.1	3614395.0	-10.44
L0017801	492512.1	3614245.0	-23.54
L0017802	492512.1	3614245.0	-17.38
L0017808	492662.1	3613945.0	-29.31
L0017809	492662.1	3613945.0	-6.24
L0017815	492812.1	3613645.0	-19.49
L0009485	486212.1	3619495.0	-35.31
L0009486	486212.1	3619495.0	-2.21
L0009488	486362.1	3619495.0	-30.19
L0009489	486362.1	3619495.0	-3.62
L0009491	486512.1	3619495.0	-39.16
L0009492	486512.1	3619495.0	-5.89
L0009494	486662.1	3619495.0	-41.27
L0009495	486662.1	3619495.0	-5.94
L0009497	486812.1	3619495.0	-40.82
L0009499	486962.1	3619495.0	-15.25
L0009500	486962.1	3619495.0	-33.18
L0009502	487112.1	3619495.0	-15.12
L0009503	487112.1	3619495.0	-32.91
L0009505	487262.1	3619495.0	-14.97
L0009506	487262.1	3619495.0	-32.61
L0009508	487412.1	3619495.0	-14.82
L0009509	487412.1	3619495.0	-32.29
L0009511	487562.1	3619495.0	-23.04
L0009512	487562.1	3619495.0	-18.96
L0009514	487712.1	3619495.0	-13.48
L0009515	487712.1	3619495.0	-7.08
L0009521	488012.1	3619645.0	-8.73
L0009523	488162.1	3619645.0	-7.99
L0009524	488162.1	3619645.0	-34.95
L0009525	488162.1	3619645.0	-3.26
L0009530	488462.1	3619795.0	-5.80
L0009531	488462.1	3619795.0	-24.73
L0009533	488612.1	3619795.0	-14.24
L0009534	488612.1	3619795.0	-23.40
L0009540	488912.1	3619945.0	-0.88

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0009542	489062.1	3619945.0	-8.47
L0009543	489062.1	3619945.0	-31.01
L0009545	489212.1	3619945.0	-11.28
L0009546	489212.1	3619945.0	-28.63
L0009555	489662.1	3620095.0	-9.31
L0009558	489812.1	3620095.0	-1.54
L0009561	489962.1	3620095.0	-13.39
L0009563	490112.1	3620095.0	-0.68
L0009564	490112.1	3620095.0	-47.77
L0009565	490112.1	3620095.0	0.75
L0009567	490262.1	3620095.0	-16.99
L0017379	491012.1	3620095.0	-0.21
L0017381	491162.1	3620095.0	-20.28
L0017382	491162.1	3620095.0	-29.74
L0017400	492062.1	3620095.0	-2.04
L0017403	492212.1	3620095.0	-43.63
L0017404	492212.1	3620095.0	-5.32
L0017407	492362.1	3620245.0	-22.55
L0017408	492362.1	3620245.0	-11.50
L0017411	492512.1	3620395.0	-7.54
L0017412	492512.1	3620395.0	-13.39
L0017416	492662.1	3620545.0	-5.09
L0017422	492962.1	3620695.0	-7.43
L0017426	493112.1	3620845.0	-13.30
L0017427	493112.1	3620845.0	-16.03
L0017430	493262.1	3620995.0	-10.14
L0017431	493262.1	3620995.0	-34.69
L0017437	493562.1	3621145.0	-21.53
L0017438	493562.1	3621145.0	-27.09
L0017444	493862.1	3621295.0	-35.63
L0017445	493862.1	3621295.0	-12.59
L0017451	494162.1	3621445.0	-29.78
L0017455	494312.1	3621595.0	-41.93
L0017456	494312.1	3621595.0	-7.79
L0017459	494462.1	3621745.0	-26.91
L0017460	494462.1	3621745.0	-19.08
L0017463	494612.1	3621895.0	-16.31
L0017464	494612.1	3621895.0	-29.46
L0017468	494762.1	3622045.0	-8.51
L0017470	494762.1	3622195.0	0.81

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

 * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
   LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0017474	494912.1	3622345.0	-16.03
L0017475	494912.1	3622345.0	-11.15
L0017478	495062.1	3622495.0	-17.58
L0017479	495062.1	3622495.0	-32.04

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** 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
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

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

  Surface file: ..\..\AERMET\Meteorology\New Data (AERMET 11059)\SANNKXCB.SFC   Met Version: 11059
  Profile file: ..\..\AERMET\Meteorology\New Data (AERMET 11059)\SANNKXCB.PFL
  Surface format: FREE
  Profile format: FREE
  Surface station no.:   23188   Upper air station no.:   3190
                Name: SAN_DIEGO/LINDBERGH_FIELD   Name: UNKNOWN
                Year: 2006   Year: 2006

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
06	01	01	1	01	-9.7	0.175	-9.000	-9.000	-999.	168.	49.6	0.12	1.68	1.00	2.36	181.	10.0	287.1	2.0
06	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.20	1.68	1.00	0.00	0.	10.0	287.1	2.0
06	01	01	1	03	-5.0	0.084	-9.000	-9.000	-999.	56.	10.8	0.15	1.68	1.00	1.76	154.	10.0	287.1	2.0
06	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.20	1.68	1.00	0.00	0.	10.0	287.0	2.0
06	01	01	1	05	-17.7	0.268	-9.000	-9.000	-999.	318.	97.9	0.23	1.68	1.00	2.86	83.	10.0	287.1	2.0
06	01	01	1	06	-5.2	0.093	-9.000	-9.000	-999.	96.	14.2	0.30	1.68	1.00	1.63	104.	10.0	286.1	2.0
06	01	01	1	07	-5.1	0.089	-9.000	-9.000	-999.	61.	12.4	0.30	1.68	1.00	1.55	99.	10.0	287.1	2.0
06	01	01	1	08	-7.2	0.210	-9.000	-9.000	-999.	221.	115.5	0.30	1.68	0.49	2.06	91.	10.0	287.1	2.0
06	01	01	1	09	25.0	0.273	0.618	0.005	342.	328.	-73.8	0.30	1.68	0.29	2.16	98.	10.0	288.1	2.0
06	01	01	1	10	54.6	0.223	1.047	0.005	761.	243.	-18.5	0.15	1.68	0.22	1.89	172.	10.0	289.1	2.0
06	01	01	1	11	74.6	0.304	1.207	0.013	856.	385.	-34.0	0.15	1.68	0.20	2.74	174.	10.0	289.1	2.0
06	01	01	1	12	84.0	0.264	1.306	0.016	962.	312.	-19.8	0.15	1.68	0.19	2.25	168.	10.0	289.1	2.0
06	01	01	1	13	82.6	0.254	1.345	0.017	1066.	295.	-18.0	0.12	1.68	0.19	2.28	181.	10.0	289.1	2.0
06	01	01	1	14	70.8	0.319	1.314	0.018	1158.	414.	-41.3	0.15	1.68	0.20	2.93	175.	10.0	290.1	2.0
06	01	01	1	15	48.3	0.404	1.176	0.019	1219.	590.	-123.4	0.12	1.68	0.23	4.20	202.	10.0	290.1	2.0
06	01	01	1	16	25.8	0.403	0.963	0.019	1250.	589.	-229.7	0.12	1.68	0.32	4.29	190.	10.0	289.2	2.0
06	01	01	1	17	-22.7	0.406	-9.000	-9.000	-999.	594.	266.4	0.15	1.68	0.59	4.43	155.	10.0	289.1	2.0
06	01	01	1	18	-18.6	0.337	-9.000	-9.000	-999.	453.	186.3	0.15	1.68	1.00	3.75	166.	10.0	289.1	2.0
06	01	01	1	19	-23.5	0.424	-9.000	-9.000	-999.	634.	293.3	0.15	1.68	1.00	4.61	158.	10.0	288.1	2.0
06	01	01	1	20	-25.7	0.463	-9.000	-9.000	-999.	723.	348.1	0.15	1.68	1.00	5.00	163.	10.0	287.1	2.0
06	01	01	1	21	-17.2	0.309	-9.000	-9.000	-999.	410.	155.0	0.30	1.68	1.00	2.95	109.	10.0	287.1	2.0
06	01	01	1	22	-6.5	0.118	-9.000	-9.000	-999.	133.	22.6	0.23	1.68	1.00	1.76	88.	10.0	287.5	2.0
06	01	01	1	23	-23.0	0.416	-9.000	-9.000	-999.	617.	283.4	0.15	1.68	1.00	4.53	157.	10.0	289.1	2.0
06	01	01	1	24	-26.3	0.475	-9.000	-9.000	-999.	751.	367.6	0.15	1.68	1.00	5.12	164.	10.0	288.1	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
06	01	01	01	10.0	1	181.	2.36	287.2	99.0	-99.00	-99.00

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

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)								
	485462.11	485612.11	485762.11	485912.11	486062.11	486212.11	486362.11	486512.11	486662.11
3622494.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000
3622344.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000
3622194.98	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001
3622044.98	0.00001	0.00000	0.00001	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001
3621894.98	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001
3621744.98	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00001	0.00001	0.00001
3621594.98	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001
3621444.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3621294.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3621144.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002
3620994.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002
3620844.98	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002
3620694.98	0.00003	0.00003	0.00003	0.00003	0.00002	0.00001	0.00002	0.00002	0.00002
3620544.98	0.00003	0.00004	0.00003	0.00004	0.00005	0.00002	0.00002	0.00003	0.00003
3620394.98	0.00003	0.00003	0.00003	0.00004	0.00005	0.00005	0.00003	0.00003	0.00003
3620244.98	0.00003	0.00003	0.00003	0.00004	0.00005	0.00005	0.00004	0.00004	0.00003
3620094.98	0.00003	0.00003	0.00003	0.00004	0.00005	0.00006	0.00005	0.00004	0.00002
3619944.98	0.00003	0.00003	0.00003	0.00004	0.00006	0.00008	0.00005	0.00004	0.00003
3619794.98	0.00003	0.00003	0.00004	0.00004	0.00006	0.00008	0.00006	0.00004	0.00003
3619644.98	0.00003	0.00003	0.00004	0.00004	0.00005	0.00009	0.00007	0.00006	0.00005
3619494.98	0.00003	0.00003	0.00004	0.00005	0.00007	0.00011	0.00009	0.00007	0.00007
3619344.98	0.00003	0.00004	0.00004	0.00005	0.00008	0.00013	0.00009	0.00008	0.00008
3619194.98	0.00003	0.00004	0.00004	0.00005	0.00009	0.00011	0.00008	0.00007	0.00007
3619044.98	0.00003	0.00004	0.00004	0.00005	0.00009	0.00013	0.00007	0.00007	0.00007
3618894.98	0.00003	0.00004	0.00004	0.00006	0.00009	0.00013	0.00007	0.00007	0.00007
3618744.98	0.00003	0.00004	0.00004	0.00006	0.00008	0.00013	0.00009	0.00008	0.00007
3618594.98	0.00003	0.00004	0.00004	0.00006	0.00008	0.00012	0.00011	0.00009	0.00008
3618444.98	0.00003	0.00004	0.00004	0.00005	0.00008	0.00012	0.00012	0.00010	0.00008
3618294.98	0.00003	0.00004	0.00004	0.00005	0.00007	0.00009	0.00012	0.00010	0.00009
3618144.98	0.00003	0.00004	0.00004	0.00005	0.00006	0.00008	0.00009	0.00012	0.00010
3617994.98	0.00003	0.00004	0.00004	0.00005	0.00006	0.00007	0.00008	0.00009	0.00010
3617844.98	0.00003	0.00003	0.00004	0.00004	0.00005	0.00006	0.00007	0.00008	0.00009
3617694.98	0.00003	0.00003	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007	0.00008
3617544.98	0.00003	0.00003	0.00003	0.00004	0.00004	0.00005	0.00006	0.00006	0.00007
3617394.98	0.00003	0.00003	0.00003	0.00004	0.00004	0.00005	0.00005	0.00005	0.00006
3617244.98	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00005	0.00005	0.00005
3617094.98	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00005	0.00005
3616944.98	0.00002	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00005
3616794.98	0.00002	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004
3616644.98	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)								
	485462.11	485612.11	485762.11	485912.11	486062.11	486212.11	486362.11	486512.11	486662.11
3616494.98	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004
3616344.98	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004
3616194.98	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3616044.98	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00003
3615894.98	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00003
3615744.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003
3615594.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
3615444.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
3615294.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
3615144.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003
3614994.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3614844.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3614694.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3614544.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3614394.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3614244.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3614094.98	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3613944.98	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3613794.98	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3613644.98	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)								
	486812.11	486962.11	487112.11	487262.11	487412.11	487562.11	487712.11	487862.11	488012.11
3622494.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3622344.98	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
3622194.98	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
3622044.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00001
3621894.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00001	0.00001
3621744.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3621594.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3621444.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3621294.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3621144.98	0.00001	0.00001	0.00001	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3620994.98	0.00002	0.00001	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3620844.98	0.00002	0.00002	0.00001	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3620694.98	0.00002	0.00002	0.00001	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3620544.98	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3620394.98	0.00002	0.00002	0.00002	0.00001	0.00001	0.00002	0.00002	0.00001	0.00001
3620244.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3620094.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3619944.98	0.00002	0.00002	0.00003	0.00002	0.00003	0.00002	0.00003	0.00002	0.00002
3619794.98	0.00003	0.00003	0.00004	0.00003	0.00004	0.00003	0.00003	0.00003	0.00004
3619644.98	0.00004	0.00005	0.00006	0.00005	0.00006	0.00005	0.00007	0.00006	0.00006
3619494.98	0.00007	0.00007	0.00008	0.00007	0.00008	0.00008	0.00008	0.00010	0.00010
3619344.98	0.00008	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009	0.00008
3619194.98	0.00007	0.00007	0.00006	0.00007	0.00008	0.00008	0.00008	0.00008	0.00008
3619044.98	0.00006	0.00007	0.00006	0.00006	0.00007	0.00007	0.00007	0.00007	0.00007
3618894.98	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007	0.00006	0.00007
3618744.98	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006
3618594.98	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006
3618444.98	0.00007	0.00006	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006
3618294.98	0.00007	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006
3618144.98	0.00008	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006
3617994.98	0.00010	0.00009	0.00007	0.00006	0.00006	0.00006	0.00005	0.00005	0.00006
3617844.98	0.00009	0.00010	0.00010	0.00007	0.00006	0.00006	0.00006	0.00005	0.00007
3617694.98	0.00008	0.00009	0.00011	0.00010	0.00009	0.00006	0.00006	0.00006	0.00006
3617544.98	0.00007	0.00008	0.00009	0.00011	0.00010	0.00010	0.00008	0.00008	0.00007
3617394.98	0.00007	0.00007	0.00008	0.00009	0.00011	0.00011	0.00011	0.00011	0.00011
3617244.98	0.00006	0.00006	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010	0.00010
3617094.98	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00008
3616944.98	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007
3616794.98	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007
3616644.98	0.00004	0.00004	0.00005	0.00005	0.00005	0.00006	0.00005	0.00006	0.00006

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)								
	486812.11	486962.11	487112.11	487262.11	487412.11	487562.11	487712.11	487862.11	488012.11
3616494.98	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006
3616344.98	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005
3616194.98	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005
3616044.98	0.00003	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005
3615894.98	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3615744.98	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3615594.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004
3615444.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004
3615294.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004
3615144.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3614994.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3614844.98	0.00002	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3614694.98	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3614544.98	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3614394.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003
3614244.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
3614094.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
3613944.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003
3613794.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3613644.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)								
	488162.11	488312.11	488462.11	488612.11	488762.11	488912.11	489062.11	489212.11	489362.11
3622494.98	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001	0.00002	0.00002
3622344.98	0.00000	0.00001	0.00000	0.00001	0.00001	0.00001	0.00001	0.00002	0.00003
3622194.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00004
3622044.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00005
3621894.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002	0.00004
3621744.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00003
3621594.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00003
3621444.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00003
3621294.98	0.00001	0.00001	0.00001	0.00002	0.00001	0.00001	0.00002	0.00002	0.00003
3621144.98	0.00001	0.00001	0.00001	0.00002	0.00001	0.00001	0.00002	0.00003	0.00004
3620994.98	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00004
3620844.98	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00004
3620694.98	0.00001	0.00001	0.00002	0.00002	0.00003	0.00002	0.00003	0.00005	0.00003
3620544.98	0.00002	0.00001	0.00002	0.00002	0.00003	0.00003	0.00005	0.00004	0.00003
3620394.98	0.00002	0.00002	0.00002	0.00002	0.00004	0.00004	0.00005	0.00003	0.00003
3620244.98	0.00002	0.00003	0.00002	0.00002	0.00003	0.00005	0.00005	0.00004	0.00005
3620094.98	0.00002	0.00004	0.00004	0.00003	0.00004	0.00008	0.00006	0.00006	0.00010
3619944.98	0.00003	0.00005	0.00005	0.00005	0.00007	0.00011	0.00010	0.00011	0.00011
3619794.98	0.00004	0.00006	0.00007	0.00009	0.00014	0.00016	0.00015	0.00009	0.00007
3619644.98	0.00006	0.00012	0.00011	0.00011	0.00012	0.00015	0.00008	0.00006	0.00005
3619494.98	0.00009	0.00009	0.00009	0.00010	0.00011	0.00015	0.00007	0.00006	0.00005
3619344.98	0.00008	0.00009	0.00009	0.00010	0.00012	0.00012	0.00008	0.00007	0.00007
3619194.98	0.00008	0.00008	0.00009	0.00009	0.00012	0.00010	0.00007	0.00008	0.00007
3619044.98	0.00007	0.00007	0.00008	0.00009	0.00012	0.00009	0.00008	0.00008	0.00007
3618894.98	0.00007	0.00007	0.00008	0.00009	0.00011	0.00010	0.00009	0.00007	0.00007
3618744.98	0.00007	0.00007	0.00008	0.00010	0.00012	0.00010	0.00009	0.00008	0.00007
3618594.98	0.00006	0.00006	0.00008	0.00010	0.00012	0.00008	0.00008	0.00007	0.00007
3618444.98	0.00006	0.00006	0.00008	0.00010	0.00011	0.00008	0.00007	0.00007	0.00007
3618294.98	0.00006	0.00006	0.00008	0.00010	0.00011	0.00008	0.00007	0.00007	0.00007
3618144.98	0.00006	0.00006	0.00008	0.00010	0.00010	0.00008	0.00007	0.00007	0.00006
3617994.98	0.00006	0.00007	0.00008	0.00010	0.00011	0.00008	0.00007	0.00006	0.00006
3617844.98	0.00007	0.00007	0.00008	0.00011	0.00010	0.00008	0.00007	0.00006	0.00006
3617694.98	0.00006	0.00007	0.00009	0.00011	0.00011	0.00008	0.00007	0.00006	0.00006
3617544.98	0.00007	0.00007	0.00009	0.00011	0.00011	0.00008	0.00007	0.00007	0.00006
3617394.98	0.00011	0.00009	0.00012	0.00012	0.00011	0.00008	0.00007	0.00007	0.00006
3617244.98	0.00010	0.00011	0.00014	0.00014	0.00012	0.00009	0.00008	0.00007	0.00006
3617094.98	0.00009	0.00010	0.00011	0.00012	0.00011	0.00009	0.00008	0.00007	0.00007
3616944.98	0.00008	0.00009	0.00010	0.00010	0.00009	0.00009	0.00008	0.00007	0.00007
3616794.98	0.00007	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00007
3616644.98	0.00007	0.00008	0.00007	0.00007	0.00007	0.00007	0.00007	0.00008	0.00007

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)								
	488162.11	488312.11	488462.11	488612.11	488762.11	488912.11	489062.11	489212.11	489362.11
3616494.98	0.00006	0.00006	0.00007	0.00007	0.00006	0.00007	0.00007	0.00007	0.00007
3616344.98	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007
3616194.98	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006
3616044.98	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006
3615894.98	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
3615744.98	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
3615594.98	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005
3615444.98	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005
3615294.98	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005
3615144.98	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3614994.98	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3614844.98	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004	0.00004
3614694.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004
3614544.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004
3614394.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004
3614244.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004
3614094.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004
3613944.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004
3613794.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3613644.98	0.00002	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)								
	489512.11	489662.11	489812.11	489962.11	490112.11	490262.11	490412.11	490562.11	490712.11
3622494.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3622344.98	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3622194.98	0.00003	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3622044.98	0.00005	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3621894.98	0.00006	0.00004	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3621744.98	0.00006	0.00004	0.00002	0.00002	0.00001	0.00002	0.00002	0.00001	0.00001
3621594.98	0.00006	0.00005	0.00003	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001
3621444.98	0.00005	0.00005	0.00005	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
3621294.98	0.00005	0.00004	0.00005	0.00005	0.00004	0.00003	0.00002	0.00003	0.00003
3621144.98	0.00004	0.00004	0.00004	0.00004	0.00005	0.00004	0.00003	0.00004	0.00002
3620994.98	0.00004	0.00003	0.00004	0.00004	0.00005	0.00006	0.00007	0.00004	0.00002
3620844.98	0.00003	0.00003	0.00004	0.00004	0.00005	0.00008	0.00007	0.00003	0.00003
3620694.98	0.00003	0.00003	0.00004	0.00005	0.00006	0.00007	0.00008	0.00004	0.00003
3620544.98	0.00004	0.00004	0.00005	0.00006	0.00005	0.00005	0.00009	0.00006	0.00006
3620394.98	0.00005	0.00006	0.00006	0.00005	0.00005	0.00007	0.00010	0.00008	0.00006
3620244.98	0.00007	0.00007	0.00007	0.00008	0.00009	0.00011	0.00013	0.00006	0.00004
3620094.98	0.00010	0.00009	0.00009	0.00010	0.00008	0.00014	0.00017	0.00007	0.00005
3619944.98	0.00009	0.00009	0.00007	0.00008	0.00008	0.00015	0.00016	0.00007	0.00006
3619794.98	0.00006	0.00006	0.00006	0.00006	0.00007	0.00013	0.00018	0.00008	0.00007
3619644.98	0.00005	0.00006	0.00005	0.00007	0.00008	0.00010	0.00018	0.00010	0.00007
3619494.98	0.00005	0.00006	0.00006	0.00007	0.00009	0.00010	0.00015	0.00012	0.00009
3619344.98	0.00006	0.00007	0.00007	0.00007	0.00009	0.00010	0.00014	0.00017	0.00010
3619194.98	0.00006	0.00007	0.00007	0.00008	0.00009	0.00010	0.00012	0.00015	0.00018
3619044.98	0.00007	0.00008	0.00008	0.00008	0.00007	0.00009	0.00010	0.00011	0.00014
3618894.98	0.00007	0.00007	0.00006	0.00007	0.00006	0.00007	0.00008	0.00010	0.00011
3618744.98	0.00007	0.00006	0.00007	0.00007	0.00006	0.00007	0.00007	0.00008	0.00011
3618594.98	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00009	0.00012
3618444.98	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00010
3618294.98	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00010
3618144.98	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009
3617994.98	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008	0.00009
3617844.98	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008
3617694.98	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008
3617544.98	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008
3617394.98	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007
3617244.98	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007
3617094.98	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007
3616944.98	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007
3616794.98	0.00006	0.00006	0.00006	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007
3616644.98	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)								
	489512.11	489662.11	489812.11	489962.11	490112.11	490262.11	490412.11	490562.11	490712.11
3616494.98	0.00007	0.00006	0.00006	0.00006	0.00005	0.00005	0.00006	0.00006	0.00006
3616344.98	0.00007	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006
3616194.98	0.00007	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006
3616044.98	0.00006	0.00007	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
3615894.98	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
3615744.98	0.00005	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
3615594.98	0.00005	0.00006	0.00006	0.00005	0.00005	0.00004	0.00004	0.00004	0.00005
3615444.98	0.00005	0.00006	0.00006	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004
3615294.98	0.00005	0.00006	0.00006	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004
3615144.98	0.00005	0.00005	0.00006	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004
3614994.98	0.00005	0.00006	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004
3614844.98	0.00005	0.00006	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3614694.98	0.00005	0.00006	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3614544.98	0.00005	0.00006	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3614394.98	0.00005	0.00006	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003
3614244.98	0.00004	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
3614094.98	0.00004	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
3613944.98	0.00004	0.00005	0.00005	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
3613794.98	0.00004	0.00004	0.00005	0.00005	0.00004	0.00004	0.00003	0.00003	0.00003
3613644.98	0.00004	0.00004	0.00005	0.00005	0.00004	0.00004	0.00003	0.00003	0.00003

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)								
	490862.11	491012.11	491162.11	491312.11	491462.11	491612.11	491762.11	491912.11	492062.11
3622494.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3622344.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3622194.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3622044.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3621894.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3621744.98	0.00001	0.00001	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3621594.98	0.00002	0.00002	0.00001	0.00001	0.00001	0.00002	0.00001	0.00001	0.00001
3621444.98	0.00002	0.00002	0.00001	0.00001	0.00002	0.00002	0.00001	0.00001	0.00001
3621294.98	0.00002	0.00001	0.00001	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
3621144.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
3620994.98	0.00002	0.00002	0.00003	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
3620844.98	0.00003	0.00004	0.00003	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
3620694.98	0.00005	0.00004	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
3620544.98	0.00004	0.00003	0.00002	0.00002	0.00002	0.00002	0.00001	0.00002	0.00001
3620394.98	0.00004	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001
3620244.98	0.00004	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3620094.98	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002
3619944.98	0.00004	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
3619794.98	0.00005	0.00005	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003
3619644.98	0.00006	0.00005	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003
3619494.98	0.00006	0.00005	0.00005	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
3619344.98	0.00007	0.00006	0.00006	0.00005	0.00004	0.00004	0.00004	0.00004	0.00003
3619194.98	0.00009	0.00008	0.00006	0.00006	0.00005	0.00005	0.00004	0.00004	0.00004
3619044.98	0.00015	0.00011	0.00009	0.00007	0.00007	0.00006	0.00005	0.00005	0.00004
3618894.98	0.00016	0.00015	0.00012	0.00009	0.00007	0.00006	0.00005	0.00004	0.00004
3618744.98	0.00017	0.00018	0.00014	0.00010	0.00008	0.00005	0.00004	0.00004	0.00004
3618594.98	0.00014	0.00019	0.00014	0.00009	0.00006	0.00005	0.00004	0.00003	0.00003
3618444.98	0.00013	0.00017	0.00016	0.00009	0.00006	0.00005	0.00004	0.00003	0.00003
3618294.98	0.00011	0.00014	0.00016	0.00009	0.00006	0.00005	0.00004	0.00004	0.00003
3618144.98	0.00011	0.00013	0.00018	0.00008	0.00006	0.00005	0.00004	0.00004	0.00004
3617994.98	0.00010	0.00012	0.00015	0.00009	0.00006	0.00006	0.00006	0.00005	0.00004
3617844.98	0.00010	0.00012	0.00014	0.00009	0.00008	0.00007	0.00005	0.00004	0.00004
3617694.98	0.00009	0.00012	0.00015	0.00010	0.00009	0.00007	0.00006	0.00005	0.00004
3617544.98	0.00009	0.00012	0.00016	0.00011	0.00008	0.00007	0.00005	0.00005	0.00004
3617394.98	0.00009	0.00011	0.00016	0.00010	0.00008	0.00006	0.00005	0.00004	0.00004
3617244.98	0.00008	0.00011	0.00016	0.00011	0.00009	0.00007	0.00006	0.00004	0.00004
3617094.98	0.00008	0.00011	0.00014	0.00011	0.00008	0.00007	0.00005	0.00004	0.00004
3616944.98	0.00008	0.00010	0.00013	0.00011	0.00008	0.00006	0.00005	0.00004	0.00004
3616794.98	0.00007	0.00009	0.00011	0.00010	0.00008	0.00006	0.00006	0.00005	0.00004
3616644.98	0.00007	0.00008	0.00010	0.00009	0.00009	0.00007	0.00006	0.00006	0.00004

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)								
	490862.11	491012.11	491162.11	491312.11	491462.11	491612.11	491762.11	491912.11	492062.11
3616494.98	0.00007	0.00007	0.00008	0.00009	0.00009	0.00008	0.00007	0.00006	0.00005
3616344.98	0.00006	0.00007	0.00007	0.00008	0.00008	0.00008	0.00007	0.00005	0.00004
3616194.98	0.00006	0.00006	0.00007	0.00007	0.00007	0.00007	0.00008	0.00007	0.00005
3616044.98	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00008	0.00008	0.00006
3615894.98	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00008	0.00006
3615744.98	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00007	0.00006
3615594.98	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00007	0.00008
3615444.98	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00007
3615294.98	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00006	0.00007
3615144.98	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005	0.00004	0.00005	0.00006
3614994.98	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005
3614844.98	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005
3614694.98	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005
3614544.98	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3614394.98	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00003	0.00004
3614244.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004
3614094.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004
3613944.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004
3613794.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3613644.98	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)								
	492212.11	492362.11	492512.11	492662.11	492812.11	492962.11	493112.11	493262.11	493412.11
3622494.98	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3622344.98	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3622194.98	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3622044.98	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
3621894.98	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3621744.98	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3621594.98	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
3621444.98	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
3621294.98	0.00001	0.00001	0.00001	0.00001	0.00000	0.00001	0.00001	0.00000	0.00001
3621144.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3620994.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002
3620844.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002	0.00001
3620694.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002	0.00001	0.00001
3620544.98	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
3620394.98	0.00001	0.00002	0.00002	0.00003	0.00001	0.00001	0.00001	0.00001	0.00001
3620244.98	0.00002	0.00002	0.00003	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3620094.98	0.00002	0.00003	0.00002	0.00001	0.00002	0.00001	0.00001	0.00001	0.00001
3619944.98	0.00003	0.00003	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3619794.98	0.00003	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3619644.98	0.00003	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3619494.98	0.00003	0.00002	0.00002	0.00001	0.00002	0.00001	0.00001	0.00001	0.00001
3619344.98	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3619194.98	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001
3619044.98	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3618894.98	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001
3618744.98	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00001	0.00002	0.00001
3618594.98	0.00003	0.00003	0.00002	0.00002	0.00001	0.00001	0.00001	0.00002	0.00001
3618444.98	0.00003	0.00003	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
3618294.98	0.00003	0.00003	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3618144.98	0.00004	0.00003	0.00003	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
3617994.98	0.00004	0.00003	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3617844.98	0.00003	0.00003	0.00003	0.00002	0.00002	0.00001	0.00002	0.00002	0.00001
3617694.98	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001
3617544.98	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
3617394.98	0.00003	0.00003	0.00003	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
3617244.98	0.00003	0.00003	0.00003	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
3617094.98	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
3616944.98	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00001	0.00001	0.00002
3616794.98	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
3616644.98	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)								
	492212.11	492362.11	492512.11	492662.11	492812.11	492962.11	493112.11	493262.11	493412.11
3616494.98	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
3616344.98	0.00003	0.00004	0.00003	0.00003	0.00003	0.00002	0.00003	0.00002	0.00002
3616194.98	0.00005	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002
3616044.98	0.00005	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002
3615894.98	0.00005	0.00004	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002
3615744.98	0.00004	0.00004	0.00004	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
3615594.98	0.00006	0.00004	0.00004	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
3615444.98	0.00007	0.00005	0.00004	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
3615294.98	0.00007	0.00004	0.00004	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
3615144.98	0.00007	0.00004	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
3614994.98	0.00007	0.00005	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
3614844.98	0.00006	0.00007	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
3614694.98	0.00005	0.00006	0.00004	0.00003	0.00004	0.00003	0.00002	0.00002	0.00002
3614544.98	0.00005	0.00007	0.00005	0.00003	0.00004	0.00003	0.00002	0.00002	0.00002
3614394.98	0.00005	0.00006	0.00006	0.00004	0.00004	0.00003	0.00002	0.00002	0.00002
3614244.98	0.00004	0.00005	0.00006	0.00005	0.00003	0.00003	0.00002	0.00002	0.00002
3614094.98	0.00004	0.00005	0.00006	0.00006	0.00004	0.00003	0.00002	0.00002	0.00002
3613944.98	0.00004	0.00004	0.00005	0.00006	0.00004	0.00003	0.00003	0.00002	0.00002
3613794.98	0.00004	0.00004	0.00005	0.00006	0.00006	0.00005	0.00003	0.00003	0.00002
3613644.98	0.00003	0.00004	0.00004	0.00005	0.00006	0.00005	0.00004	0.00003	0.00003

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)								
	493562.11	493712.11	493862.11	494012.11	494162.11	494312.11	494462.11	494612.11	494762.11
3622494.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3622344.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3622194.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001
3622044.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001
3621894.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001
3621744.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00002	0.00001
3621594.98	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00002	0.00001	0.00001
3621444.98	0.00000	0.00000	0.00000	0.00001	0.00001	0.00002	0.00001	0.00001	0.00001
3621294.98	0.00001	0.00001	0.00001	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
3621144.98	0.00001	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3620994.98	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000
3620844.98	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3620694.98	0.00001	0.00001	0.00000	0.00000	0.00001	0.00000	0.00001	0.00000	0.00001
3620544.98	0.00001	0.00001	0.00000	0.00000	0.00001	0.00001	0.00001	0.00001	0.00000
3620394.98	0.00001	0.00001	0.00000	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000
3620244.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000
3620094.98	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
3619944.98	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00001	0.00001	0.00000
3619794.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3619644.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3619494.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3619344.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3619194.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3619044.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3618894.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
3618744.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00001	0.00000	0.00000
3618594.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000
3618444.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000
3618294.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000
3618144.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3617994.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3617844.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3617694.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3617544.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3617394.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3617244.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3617094.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3616944.98	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3616794.98	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3616644.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)								
	493562.11	493712.11	493862.11	494012.11	494162.11	494312.11	494462.11	494612.11	494762.11
3616494.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000
3616344.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000
3616194.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3616044.98	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3615894.98	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3615744.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3615594.98	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3615444.98	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3615294.98	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3615144.98	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3614994.98	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3614844.98	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3614694.98	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3614544.98	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3614394.98	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3614244.98	0.00002	0.00002	0.00002	0.00001	0.00001	0.00002	0.00001	0.00001	0.00001
3614094.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
3613944.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
3613794.98	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
3613644.98	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)						
	494912.11	495062.11	495212.11	495362.11	495512.11	495662.11	495812.11
3622494.98	0.00000	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000
3622344.98	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
3622194.98	0.00002	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
3622044.98	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
3621894.98	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
3621744.98	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3621594.98	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
3621444.98	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3621294.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3621144.98	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3620994.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3620844.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3620694.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3620544.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3620394.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3620244.98	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3620094.98	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
3619944.98	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
3619794.98	0.00001	0.00001	0.00000	0.00000	0.00001	0.00000	0.00000
3619644.98	0.00001	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000
3619494.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000
3619344.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000
3619194.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000
3619044.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000
3618894.98	0.00001	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000
3618744.98	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
3618594.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3618444.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3618294.98	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3618144.98	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3617994.98	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
3617844.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000
3617694.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3617544.98	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000
3617394.98	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
3617244.98	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3617094.98	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
3616944.98	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000
3616794.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000
3616644.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)						
	494912.11	495062.11	495212.11	495362.11	495512.11	495662.11	495812.11
3616494.98	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000
3616344.98	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
3616194.98	0.00001	0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
3616044.98	0.00001	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000
3615894.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000
3615744.98	0.00001	0.00000	0.00000	0.00001	0.00001	0.00001	0.00000
3615594.98	0.00001	0.00000	0.00001	0.00001	0.00001	0.00001	0.00000
3615444.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3615294.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3615144.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3614994.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3614844.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3614694.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3614544.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3614394.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3614244.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3614094.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3613944.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3613794.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3613644.98	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                               *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	485462.11	485612.11	485762.11	485912.11	486062.11
3622495.0	0.00003 (10011624)	0.00002c(07031324)	0.00002c(07031324)	0.00002c(07031324)	0.00003 (08112224)
3622345.0	0.00003 (10011624)	0.00002 (07112924)	0.00002c(07031324)	0.00003c(07031324)	0.00002 (08112224)
3622195.0	0.00004 (10011624)	0.00003 (08122424)	0.00003 (07112924)	0.00002c(07031324)	0.00002 (08112224)
3622045.0	0.00005 (08121924)	0.00003 (07112924)	0.00004 (07112924)	0.00003 (08112224)	0.00002 (08112224)
3621895.0	0.00005 (08121924)	0.00004 (10011624)	0.00003 (07112924)	0.00003 (08112224)	0.00003 (08112224)
3621745.0	0.00006 (08121924)	0.00005 (10011624)	0.00003 (07112924)	0.00003 (08112224)	0.00003 (08112224)
3621595.0	0.00006 (08121924)	0.00005 (07112924)	0.00003 (07112924)	0.00003 (08112224)	0.00002 (08112224)
3621445.0	0.00007 (08121924)	0.00004 (07112924)	0.00003 (10011624)	0.00003 (08112224)	0.00003 (08112224)
3621295.0	0.00008 (08121924)	0.00005 (08121924)	0.00003 (10110524)	0.00004 (08112224)	0.00005 (08112224)
3621145.0	0.00007 (08121924)	0.00004 (08121924)	0.00004 (07112924)	0.00005 (08112224)	0.00005 (08112224)
3620995.0	0.00008 (08112224)	0.00005 (10011624)	0.00005 (08121924)	0.00006 (10011624)	0.00005 (08112224)
3620845.0	0.00011 (10110524)	0.00008 (08121924)	0.00006 (10011624)	0.00008 (10011624)	0.00005 (08112224)
3620695.0	0.00014 (09122924)	0.00013 (09122924)	0.00013 (08122424)	0.00011 (10011624)	0.00008 (08112224)
3620545.0	0.00014 (09122924)	0.00014 (09122924)	0.00012 (09122924)	0.00014 (10010224)	0.00015 (10011624)
3620395.0	0.00013 (09122924)	0.00013 (10020824)	0.00012 (10020824)	0.00016 (07112924)	0.00016 (07112924)
3620245.0	0.00013 (08121924)	0.00014 (10020824)	0.00014 (10020824)	0.00016 (08122424)	0.00020 (07112924)
3620095.0	0.00014 (10020824)	0.00015 (10020824)	0.00016 (10020824)	0.00017 (08122424)	0.00022 (07112924)
3619945.0	0.00016 (10020824)	0.00016 (10020824)	0.00017 (08122424)	0.00020 (08122424)	0.00025 (07112924)
3619795.0	0.00017 (10020824)	0.00018 (08122424)	0.00020 (08122424)	0.00022 (08122424)	0.00027 (07112924)
3619645.0	0.00020 (10020824)	0.00021 (10020824)	0.00023 (08122424)	0.00027 (08122424)	0.00027 (08122424)
3619495.0	0.00021 (10020824)	0.00023 (10020824)	0.00026 (10020824)	0.00030 (10020824)	0.00036 (10020824)
3619345.0	0.00020 (10110924)	0.00023m(07101724)	0.00026m(07101724)	0.00029m(07101724)	0.00035m(07101724)
3619195.0	0.00021 (10021024)	0.00024 (10021024)	0.00026 (10021024)	0.00028 (10021024)	0.00034 (10021024)
3619045.0	0.00022 (10021024)	0.00024 (10021024)	0.00025 (10021024)	0.00027 (10021024)	0.00032 (10021024)
3618895.0	0.00021 (10021024)	0.00021 (10021024)	0.00023 (10021024)	0.00024 (10021024)	0.00031 (10013124)
3618745.0	0.00019 (10021024)	0.00020 (10021024)	0.00021 (10021024)	0.00023 (10021024)	0.00032 (10013124)
3618595.0	0.00018 (10021024)	0.00019 (10021024)	0.00021 (10021024)	0.00023 (08122124)	0.00033 (08122124)
3618445.0	0.00017 (10021024)	0.00018 (10021024)	0.00020 (09122624)	0.00023 (09122624)	0.00030 (08122124)
3618295.0	0.00017 (10021024)	0.00017 (09122624)	0.00019 (09122624)	0.00022 (09122624)	0.00028 (10013124)
3618145.0	0.00016 (10021024)	0.00017 (09122624)	0.00018 (09122624)	0.00020 (09122624)	0.00026 (08011924)
3617995.0	0.00016 (09122624)	0.00017 (09122624)	0.00018 (09122624)	0.00019 (09122624)	0.00024 (08011924)
3617845.0	0.00015 (09122624)	0.00016 (09122624)	0.00017 (09122624)	0.00018 (09122624)	0.00022m(09120424)
3617695.0	0.00015 (09122624)	0.00015 (09122624)	0.00016 (09122624)	0.00018 (09122624)	0.00020m(09120424)
3617545.0	0.00014 (09122624)	0.00015 (09122624)	0.00015 (09122624)	0.00016 (09122624)	0.00018m(09120424)
3617395.0	0.00013 (09122624)	0.00014 (09122624)	0.00015 (09122624)	0.00015 (09122624)	0.00017m(09120424)
3617245.0	0.00013 (09122624)	0.00013 (09122624)	0.00013 (09122624)	0.00015 (10013124)	0.00017m(09120424)
3617095.0	0.00012 (09122624)	0.00012 (09122624)	0.00013 (08122024)	0.00014 (08011924)	0.00016m(09120424)
3616945.0	0.00011 (08122024)	0.00012 (08122024)	0.00012 (10021024)	0.00013 (08011924)	0.00015m(09120424)
3616795.0	0.00011 (08122024)	0.00011 (10021024)	0.00012 (10021024)	0.00013 (08011924)	0.00014m(09120424)
3616645.0	0.00010 (08122024)	0.00011 (08122024)	0.00011 (08013124)	0.00013 (08011924)	0.00014m(09120424)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                               *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	485462.11	485612.11	485762.11	485912.11	486062.11
3616495.0	0.00010 (07121324)	0.00010 (08013124)	0.00011 (08013124)	0.00012 (08011924)	0.00013m(09120424)
3616345.0	0.00010 (07121324)	0.00010 (08013124)	0.00011 (08013124)	0.00012 (08011924)	0.00013m(09120424)
3616195.0	0.00010 (09122624)	0.00010 (08013124)	0.00011 (08013124)	0.00011 (08011924)	0.00012m(09120424)
3616045.0	0.00009 (09122624)	0.00010 (09122624)	0.00010 (08013124)	0.00011 (08011924)	0.00012m(09120424)
3615895.0	0.00009 (09122624)	0.00010 (08013124)	0.00010 (08013124)	0.00011 (08011924)	0.00011m(09120424)
3615745.0	0.00009 (09122624)	0.00009 (08013124)	0.00010 (08013124)	0.00010 (08011924)	0.00011m(09120424)
3615595.0	0.00009 (08013124)	0.00009 (08013124)	0.00010 (08013124)	0.00010m(09120424)	0.00011m(09120424)
3615445.0	0.00009 (08013124)	0.00009 (08020624)	0.00009 (08020624)	0.00010 (08020624)	0.00010m(09120424)
3615295.0	0.00008 (08020624)	0.00009 (08020624)	0.00009 (08020624)	0.00010 (08020624)	0.00010 (08020624)
3615145.0	0.00008 (08020624)	0.00009 (08020624)	0.00009 (08020624)	0.00010 (08020624)	0.00010 (08020624)
3614995.0	0.00008 (08020624)	0.00009 (08020624)	0.00009 (08020624)	0.00010 (08020624)	0.00010 (08020624)
3614845.0	0.00008 (08020624)	0.00009 (08020624)	0.00009 (08020624)	0.00009 (08020624)	0.00010 (08020624)
3614695.0	0.00008 (08020624)	0.00009 (08020624)	0.00009 (08020624)	0.00009 (08020624)	0.00009 (08020624)
3614545.0	0.00008 (08020624)	0.00009 (08020624)	0.00009 (08020624)	0.00009 (08020624)	0.00009 (08020624)
3614395.0	0.00008 (08020624)	0.00009 (08020624)	0.00009 (08020624)	0.00009 (08020624)	0.00009 (08020624)
3614245.0	0.00008 (08020624)	0.00009 (08020624)	0.00009 (08020624)	0.00009 (08020624)	0.00009 (08020624)
3614095.0	0.00008 (08020624)	0.00008 (08020624)	0.00009 (08020624)	0.00009 (08020624)	0.00009 (08020624)
3613945.0	0.00008 (08020624)	0.00008 (08020624)	0.00008 (08020624)	0.00008 (08020624)	0.00008 (08020624)
3613795.0	0.00008 (08020624)	0.00008 (08020624)	0.00008 (08020624)	0.00008 (08020624)	0.00008 (08011824)
3613645.0	0.00008 (08020624)	0.00008 (08020624)	0.00008 (08020624)	0.00008 (08020624)	0.00008 (08011824)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                             *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	486212.11	486362.11	486512.11	486662.11	486812.11
3622495.0	0.00003 (08112224)	0.00003 (08112224)	0.00005 (08112224)	0.00003 (08112224)	0.00003 (08112224)
3622345.0	0.00003 (08112224)	0.00003 (08112224)	0.00006 (08112224)	0.00003 (08112224)	0.00003 (08112224)
3622195.0	0.00003 (08112224)	0.00003 (08112224)	0.00006 (08112224)	0.00005 (08112224)	0.00004 (08112224)
3622045.0	0.00003 (08112224)	0.00003 (08112224)	0.00006 (08112224)	0.00005 (08112224)	0.00004 (08112224)
3621895.0	0.00002 (08112224)	0.00003 (08112224)	0.00007 (10111524)	0.00004 (08112224)	0.00004 (08112224)
3621745.0	0.00003 (08112224)	0.00003 (08112224)	0.00008 (10111524)	0.00005 (08112224)	0.00003 (08112224)
3621595.0	0.00003 (08112224)	0.00003 (08112224)	0.00009 (10111524)	0.00005 (08112224)	0.00004 (08112224)
3621445.0	0.00003 (08112224)	0.00003 (08112224)	0.00008 (10111524)	0.00007 (08112224)	0.00004 (08112224)
3621295.0	0.00003 (08112224)	0.00004 (08112224)	0.00007 (10111524)	0.00007 (10111524)	0.00004 (08112224)
3621145.0	0.00004 (10110524)	0.00004 (10110524)	0.00006 (10111524)	0.00010 (10111524)	0.00006 (08112224)
3620995.0	0.00005 (08112224)	0.00005 (10110524)	0.00007 (10111524)	0.00010 (10111524)	0.00008 (08112224)
3620845.0	0.00005 (08112224)	0.00006 (10011624)	0.00009 (10111524)	0.00012 (10111524)	0.00009 (08112224)
3620695.0	0.00006 (08112224)	0.00007 (10111524)	0.00010 (10111524)	0.00013 (10111524)	0.00012 (08112224)
3620545.0	0.00008 (08112224)	0.00006 (10110524)	0.00014 (10111524)	0.00015 (08112224)	0.00012 (08112224)
3620395.0	0.00017 (10111524)	0.00011 (10111524)	0.00016 (10111524)	0.00015 (08112224)	0.00007 (08112224)
3620245.0	0.00018 (10111524)	0.00022 (10111524)	0.00018 (10111524)	0.00012 (10020824)	0.00008 (10020824)
3620095.0	0.00023 (10111524)	0.00024 (10111524)	0.00015 (10020824)	0.00011 (10020824)	0.00010 (10020824)
3619945.0	0.00028 (10111524)	0.00020 (10111524)	0.00016 (10020824)	0.00013 (10020824)	0.00011 (08122424)
3619795.0	0.00029 (10111524)	0.00022 (10111524)	0.00018 (10020824)	0.00015 (10020824)	0.00014 (10020824)
3619645.0	0.00036 (10111524)	0.00026 (10111524)	0.00024 (10020824)	0.00023 (10020824)	0.00020 (10020824)
3619495.0	0.00037 (10111524)	0.00033 (10020824)	0.00034 (10020824)	0.00033 (10020824)	0.00036 (10020824)
3619345.0	0.00039 (09110124)	0.00031m(07101724)	0.00031m(07101724)	0.00032 (10021024)	0.00033 (10021024)
3619195.0	0.00037 (09110124)	0.00026 (10021024)	0.00026 (10021024)	0.00026 (10021024)	0.00025 (07123024)
3619045.0	0.00041 (09110124)	0.00024 (09121924)	0.00021 (07123024)	0.00021 (07123024)	0.00020 (10021024)
3618895.0	0.00041 (09110124)	0.00023 (09110124)	0.00021 (10010324)	0.00020 (10010324)	0.00020 (10010324)
3618745.0	0.00041 (09110124)	0.00029 (09110124)	0.00026 (09110124)	0.00022 (10010324)	0.00021 (10010324)
3618595.0	0.00042 (09011824)	0.00034 (09110124)	0.00027 (09110124)	0.00023 (10010324)	0.00021 (10010324)
3618445.0	0.00047c(09121624)	0.00036 (09110124)	0.00030 (09110124)	0.00025 (09110124)	0.00021 (09012124)
3618295.0	0.00038c(09121624)	0.00045 (10010224)	0.00032c(10102824)	0.00023 (09012124)	0.00021 (09012124)
3618145.0	0.00031c(09121624)	0.00035 (09110124)	0.00042 (10010224)	0.00031c(10102824)	0.00022 (09012124)
3617995.0	0.00028m(09120424)	0.00031 (10010624)	0.00034 (09121924)	0.00039 (10010224)	0.00035 (10010224)
3617845.0	0.00025m(09120424)	0.00028 (10010624)	0.00030 (09110124)	0.00031 (10010224)	0.00034 (10010224)
3617695.0	0.00023m(09120424)	0.00024 (10010624)	0.00026 (09110124)	0.00029 (09121924)	0.00029 (10010224)
3617545.0	0.00021m(09120424)	0.00022 (10010624)	0.00023 (09121924)	0.00026 (09121924)	0.00028 (09121924)
3617395.0	0.00020m(09120424)	0.00020c(09121624)	0.00022 (10010624)	0.00024 (09110124)	0.00025 (09121924)
3617245.0	0.00018m(09120424)	0.00019c(09121624)	0.00020 (10010624)	0.00022 (09110124)	0.00022 (10010324)
3617095.0	0.00017m(09120424)	0.00018 (09011624)	0.00019 (10010624)	0.00020 (09110124)	0.00021 (09110124)
3616945.0	0.00016m(09120424)	0.00016m(09120424)	0.00018 (10010624)	0.00018 (10010624)	0.00019 (09110124)
3616795.0	0.00015m(09120424)	0.00015m(09120424)	0.00016 (10010624)	0.00017 (10010624)	0.00018 (09110124)
3616645.0	0.00015m(09120424)	0.00015m(09120424)	0.00015 (09011624)	0.00016 (10010624)	0.00017 (09122524)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                               *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)					
	486212.11	486362.11	486512.11	486662.11	486812.11
3616495.0	0.00014m(09120424)	0.00014m(09120424)	0.00014 (09011624)	0.00015 (10010624)	0.00016 (09122524)
3616345.0	0.00013m(09120424)	0.00014m(09120424)	0.00014 (09011624)	0.00015 (10010624)	0.00015 (09122524)
3616195.0	0.00013m(09120424)	0.00013m(09120424)	0.00013 (08011824)	0.00014 (08013124)	0.00015 (09122524)
3616045.0	0.00012m(09120424)	0.00013m(09120424)	0.00013 (08011824)	0.00013 (08011824)	0.00014 (09122524)
3615895.0	0.00012m(09120424)	0.00012m(09120424)	0.00013 (08011824)	0.00013 (08011824)	0.00014 (09122524)
3615745.0	0.00012m(09120424)	0.00012m(09120424)	0.00012 (08011824)	0.00013 (08011824)	0.00013 (09122524)
3615595.0	0.00011m(09120424)	0.00011b(09102124)	0.00012 (08011824)	0.00013 (08011824)	0.00013 (08011824)
3615445.0	0.00011m(09120424)	0.00011b(09102124)	0.00012 (08011824)	0.00012 (08011824)	0.00013 (08011824)
3615295.0	0.00010m(09120424)	0.00011b(09102124)	0.00011 (08011824)	0.00012 (08011824)	0.00012 (08011824)
3615145.0	0.00010 (08020624)	0.00011b(09102124)	0.00011b(09102124)	0.00012 (08011824)	0.00012 (08011824)
3614995.0	0.00010 (08020624)	0.00010b(09102124)	0.00011b(09102124)	0.00011 (08011824)	0.00012 (08011824)
3614845.0	0.00010 (08020624)	0.00010b(09102124)	0.00011b(09102124)	0.00011b(09102124)	0.00011 (08011824)
3614695.0	0.00010 (08020624)	0.00010b(09102124)	0.00011b(09102124)	0.00011b(09102124)	0.00011 (08011824)
3614545.0	0.00009 (08020624)	0.00010b(09102124)	0.00010b(09102124)	0.00011b(09102124)	0.00011 (08011824)
3614395.0	0.00009 (08020624)	0.00010b(09102124)	0.00010b(09102124)	0.00010b(09102124)	0.00010 (08011824)
3614245.0	0.00009 (08020624)	0.00010b(09102124)	0.00010b(09102124)	0.00010b(09102124)	0.00010 (08011824)
3614095.0	0.00009 (08011824)	0.00009b(09102124)	0.00010b(09102124)	0.00010b(09102124)	0.00010b(09102124)
3613945.0	0.00008 (08011824)	0.00009b(09102124)	0.00009b(09102124)	0.00009b(09102124)	0.00009b(09102124)
3613795.0	0.00008b(09102124)	0.00009b(09102124)	0.00009b(09102124)	0.00009b(09102124)	0.00009b(09102124)
3613645.0	0.00008b(09102124)	0.00009b(09102124)	0.00009b(09102124)	0.00009b(09102124)	0.00009b(09102124)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                             *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	486962.11	487112.11	487262.11	487412.11	487562.11
3622495.0	0.00002 (08112224)	0.00002 (08112224)	0.00002 (08112224)	0.00002 (06121524)	0.00002 (06121524)
3622345.0	0.00003 (08112224)	0.00003 (08112224)	0.00003 (08112224)	0.00002 (06121524)	0.00002 (06121524)
3622195.0	0.00003 (08112224)	0.00003 (08112224)	0.00003 (08112224)	0.00003 (08112224)	0.00002 (06121524)
3622045.0	0.00003 (08112224)	0.00004 (08112224)	0.00003 (08112224)	0.00003 (10110524)	0.00003 (10110524)
3621895.0	0.00003 (08112224)	0.00004 (08112224)	0.00004 (08112224)	0.00004 (08112224)	0.00003 (10110524)
3621745.0	0.00003 (08112224)	0.00004 (08112224)	0.00004 (08112224)	0.00004 (08112224)	0.00003 (08112224)
3621595.0	0.00004 (08112224)	0.00004 (08112224)	0.00004 (08112224)	0.00006 (08112224)	0.00008 (08112224)
3621445.0	0.00003 (08112224)	0.00004 (08112224)	0.00004 (08112224)	0.00007 (08112224)	0.00004 (08112224)
3621295.0	0.00004 (08112224)	0.00006 (08112224)	0.00005 (08112224)	0.00008 (08112224)	0.00005 (08112224)
3621145.0	0.00004 (08112224)	0.00008 (08112224)	0.00010 (08112224)	0.00006 (08112224)	0.00004 (08112224)
3620995.0	0.00006 (08112224)	0.00011 (08112224)	0.00007 (08112224)	0.00004 (08112224)	0.00004 (08112224)
3620845.0	0.00012 (08112224)	0.00007 (08112224)	0.00008 (10111524)	0.00005 (08112224)	0.00005 (08112224)
3620695.0	0.00010 (08112224)	0.00006 (08112224)	0.00008 (08112224)	0.00006 (08112224)	0.00006 (08112224)
3620545.0	0.00010 (08112224)	0.00005 (08122424)	0.00006 (08112224)	0.00005 (08122424)	0.00006 (08112224)
3620395.0	0.00007 (08112224)	0.00006 (08112224)	0.00007 (08112224)	0.00006 (08112224)	0.00007 (10111524)
3620245.0	0.00007 (10020824)	0.00008 (10020824)	0.00007 (10020824)	0.00007 (10111524)	0.00008 (10020824)
3620095.0	0.00009 (10020824)	0.00010 (10020824)	0.00009 (10020824)	0.00011 (10020824)	0.00010 (10020824)
3619945.0	0.00010 (08122424)	0.00013 (10020824)	0.00011 (10020824)	0.00013 (10020824)	0.00011 (10020824)
3619795.0	0.00014 (10020824)	0.00018 (10020824)	0.00016 (10020824)	0.00019 (10020824)	0.00016 (10020824)
3619645.0	0.00024 (10020824)	0.00024 (10020824)	0.00023 (10020824)	0.00027 (10020824)	0.00023m(07101724)
3619495.0	0.00035 (10020824)	0.00037m(07101724)	0.00036m(07101724)	0.00038m(07101724)	0.00041 (10021024)
3619345.0	0.00034 (10021024)	0.00033 (10021024)	0.00033 (10021024)	0.00029 (10021024)	0.00027 (10021024)
3619195.0	0.00025 (07123024)	0.00021 (07123024)	0.00023 (08122124)	0.00023 (10021024)	0.00023 (07111024)
3619045.0	0.00020 (10021024)	0.00020 (08122124)	0.00021 (08122124)	0.00020 (09122624)	0.00021 (07111024)
3618895.0	0.00019 (09122624)	0.00019 (09122624)	0.00019 (09122624)	0.00020 (09122624)	0.00019 (09122624)
3618745.0	0.00019 (09122624)	0.00019 (09122624)	0.00019 (09122624)	0.00019 (09122624)	0.00019 (09122624)
3618595.0	0.00020 (09122624)	0.00020 (09122624)	0.00019 (09122624)	0.00019 (09122624)	0.00018 (09122624)
3618445.0	0.00018 (09122624)	0.00017 (09122624)	0.00017 (09122624)	0.00017 (09122624)	0.00017 (07111024)
3618295.0	0.00018 (09012124)	0.00016 (10010324)	0.00016 (07111024)	0.00017 (07111024)	0.00017 (07111024)
3618145.0	0.00018 (10010324)	0.00017 (09012124)	0.00016 (07111024)	0.00016 (07111024)	0.00017 (07111024)
3617995.0	0.00024 (09012124)	0.00018 (07111024)	0.00017 (07111024)	0.00017 (07111024)	0.00017 (07111024)
3617845.0	0.00037 (10010224)	0.00027 (07111024)	0.00019 (07111024)	0.00018 (07111024)	0.00018 (07111024)
3617695.0	0.00032 (10010224)	0.00039 (10010224)	0.00028 (10010624)	0.00026 (07111024)	0.00019 (07111024)
3617545.0	0.00028 (09121924)	0.00031 (09011324)	0.00036 (09011324)	0.00031 (09122924)	0.00030 (07111024)
3617395.0	0.00026 (09121924)	0.00026 (09121924)	0.00030 (09011324)	0.00036 (09011324)	0.00035 (08111624)
3617245.0	0.00023 (10010324)	0.00024 (07121224)	0.00026 (07121224)	0.00029 (09011324)	0.00033 (09011324)
3617095.0	0.00022 (10010324)	0.00022 (10010324)	0.00022 (10010324)	0.00024 (10010324)	0.00027 (09011324)
3616945.0	0.00020 (10010324)	0.00022 (10010324)	0.00022 (10010324)	0.00022 (10010324)	0.00021 (09011324)
3616795.0	0.00019 (10010324)	0.00020 (10010324)	0.00020 (10010324)	0.00020 (10010324)	0.00021 (10010324)
3616645.0	0.00018 (09122524)	0.00019 (10010324)	0.00020 (10010324)	0.00020 (10010324)	0.00020 (09122524)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                               *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	486962.11	487112.11	487262.11	487412.11	487562.11
3616495.0	0.00017 (09122524)	0.00018 (09122524)	0.00019 (09122524)	0.00018 (09122524)	0.00019 (09122524)
3616345.0	0.00016 (09122524)	0.00017 (09122524)	0.00017 (09122524)	0.00018 (09122524)	0.00018 (09122524)
3616195.0	0.00016 (09122524)	0.00016 (09122524)	0.00017 (09122524)	0.00017 (09122524)	0.00017 (09122524)
3616045.0	0.00015 (09122524)	0.00016 (09122524)	0.00016 (09122524)	0.00017 (09122524)	0.00017 (09122524)
3615895.0	0.00014 (09122524)	0.00015 (09122524)	0.00016 (09122524)	0.00016 (09122524)	0.00016 (09122524)
3615745.0	0.00014 (09122524)	0.00015 (09122524)	0.00015 (09122524)	0.00015 (09122524)	0.00016 (09122524)
3615595.0	0.00013 (09122524)	0.00014 (09122524)	0.00014 (09122524)	0.00015 (09122524)	0.00015 (09122524)
3615445.0	0.00013 (09122524)	0.00013 (09122524)	0.00014 (09122524)	0.00014 (09122524)	0.00015 (09122524)
3615295.0	0.00012 (09122524)	0.00013 (09122524)	0.00013 (09122524)	0.00014 (09122524)	0.00014 (09122524)
3615145.0	0.00012 (08011824)	0.00012 (09122524)	0.00013 (09122524)	0.00013 (09122524)	0.00013 (09122524)
3614995.0	0.00012 (08011824)	0.00012 (09122524)	0.00012 (09122524)	0.00012 (09122524)	0.00012 (09122524)
3614845.0	0.00011 (08011824)	0.00012 (09122524)	0.00012 (09122524)	0.00012 (09122524)	0.00012 (09122524)
3614695.0	0.00011 (08011824)	0.00011 (09122524)	0.00011 (09122524)	0.00011 (09122524)	0.00011 (09122524)
3614545.0	0.00011 (08011824)	0.00011 (09122524)	0.00011 (09122524)	0.00011 (09122524)	0.00011 (08011824)
3614395.0	0.00010 (08011824)	0.00010 (09122524)	0.00010 (10010624)	0.00010 (08011824)	0.00011 (08011824)
3614245.0	0.00010 (08011824)	0.00010 (08011824)	0.00010 (10010624)	0.00010 (08011824)	0.00010 (08011824)
3614095.0	0.00010 (08011824)	0.00010 (08011824)	0.00010 (08011824)	0.00010 (08011824)	0.00010 (08011824)
3613945.0	0.00009 (08011824)	0.00009 (08011824)	0.00010 (08011824)	0.00010 (08011824)	0.00010 (08011824)
3613795.0	0.00009 (08011824)	0.00009 (08011824)	0.00009 (08011824)	0.00010 (08011824)	0.00010 (08011824)
3613645.0	0.00009 (08011824)	0.00009 (08011824)	0.00009 (08011824)	0.00010 (08011824)	0.00010 (08011824)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                             *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

 Y-COORD | X-COORD (METERS)
 (METERS) | 487712.11   487862.11   488012.11   488162.11   488312.11
- -

3622495.0 | 0.00002 (06121524)   0.00002 (06121524)   0.00002 (06121524)   0.00002 (06121524)   0.00002 (08112224)
3622345.0 | 0.00002 (06121524)   0.00003 (06121524)   0.00002 (06121524)   0.00002 (06121524)   0.00003 (08112224)
3622195.0 | 0.00002 (06121524)   0.00003 (06121524)   0.00003 (06121524)   0.00003 (06121524)   0.00003 (06121524)
3622045.0 | 0.00002 (10110524)   0.00003 (08112224)   0.00003 (06121524)   0.00003 (08112224)   0.00003 (06121524)
3621895.0 | 0.00003 (10110524)   0.00004 (10110524)   0.00004 (08112224)   0.00003 (08112224)   0.00003 (06121524)
3621745.0 | 0.00004 (08112224)   0.00005 (08112224)   0.00003 (08112224)   0.00004 (08112224)   0.00003 (06121524)
3621595.0 | 0.00004 (08112224)   0.00003 (08112224)   0.00003 (08112224)   0.00003 (08112224)   0.00003 (08112224)
3621445.0 | 0.00003 (08112224)   0.00003 (08112224)   0.00003 (08112224)   0.00003 (08112224)   0.00003 (08112224)
3621295.0 | 0.00003 (08112224)   0.00003 (08112224)   0.00004 (08112224)   0.00003 (08112224)   0.00003 (08112224)
3621145.0 | 0.00003 (08112224)   0.00003 (08112224)   0.00003 (08112224)   0.00003 (08112224)   0.00004 (08112224)
3620995.0 | 0.00003 (08112224)   0.00003 (10110524)   0.00004 (10110524)   0.00004 (10111524)   0.00004 (08112224)
3620845.0 | 0.00004 (10110524)   0.00004 (10110524)   0.00004 (10111524)   0.00004 (10111524)   0.00005 (10111524)
3620695.0 | 0.00005 (10110524)   0.00004 (10110524)   0.00006 (10111524)   0.00007 (10111524)   0.00007 (10111524)
3620545.0 | 0.00006 (08122424)   0.00006 (08122424)   0.00006 (10111524)   0.00007 (10111524)   0.00007 (10111524)
3620395.0 | 0.00007 (08122424)   0.00006 (08122424)   0.00006 (08122424)   0.00009 (10111524)   0.00008 (10111524)
3620245.0 | 0.00007 (10020824)   0.00006 (08122424)   0.00007 (08122424)   0.00007 (10111524)   0.00013 (08122424)
3620095.0 | 0.00009 (10020824)   0.00009 (08122424)   0.00009 (08122424)   0.00009 (10020824)   0.00019 (08122424)
3619945.0 | 0.00012 (10020824)   0.00011 (10020824)   0.00011 (10020824)   0.00012 (10020824)   0.00023 (10020824)
3619795.0 | 0.00017 (10020824)   0.00014 (10020824)   0.00019 (10020824)   0.00020m(07101724)   0.00035m(07101724)
3619645.0 | 0.00032m(07101724)   0.00031m(07101724)   0.00037m(07101724)   0.00030 (10021024)   0.00037 (10021024)
3619495.0 | 0.00040 (10021024)   0.00031 (10021024)   0.00028 (08122124)   0.00029 (07111024)   0.00029 (09122624)
3619345.0 | 0.00026 (08122124)   0.00025 (07111024)   0.00027 (07111024)   0.00027 (07111024)   0.00027 (09122624)
3619195.0 | 0.00024 (07111024)   0.00024 (07111024)   0.00024 (07111024)   0.00025 (07111024)   0.00026 (07111024)
3619045.0 | 0.00022 (07111024)   0.00022 (07111024)   0.00023 (07111024)   0.00024 (07111024)   0.00026 (07111024)
3618895.0 | 0.00021 (07111024)   0.00021 (07111024)   0.00022 (07111024)   0.00023 (07111024)   0.00024 (07111024)
3618745.0 | 0.00019 (09122624)   0.00020 (07111024)   0.00021 (07111024)   0.00022 (07111024)   0.00023 (07111024)
3618595.0 | 0.00019 (07111024)   0.00019 (07111024)   0.00020 (07111024)   0.00022 (07111024)   0.00024 (08020624)
3618445.0 | 0.00018 (07111024)   0.00019 (07111024)   0.00020 (07111024)   0.00021 (08020624)   0.00022 (08020624)
3618295.0 | 0.00018 (07111024)   0.00019 (07111024)   0.00021 (07111024)   0.00020 (08020624)   0.00020 (08122124)
3618145.0 | 0.00018 (07111024)   0.00019 (08020624)   0.00021 (07111024)   0.00021 (07111024)   0.00022 (08122124)
3617995.0 | 0.00018 (07111024)   0.00019 (08020624)   0.00021 (07111024)   0.00021 (07111024)   0.00023 (08122124)
3617845.0 | 0.00018 (07111024)   0.00019 (08020624)   0.00021 (07111024)   0.00022 (07111024)   0.00023 (08122124)
3617695.0 | 0.00019 (07111024)   0.00019 (07111024)   0.00018 (07111024)   0.00019 (08122124)   0.00023 (08122124)
3617545.0 | 0.00025 (07111024)   0.00025 (07111024)   0.00020 (07111024)   0.00020 (09012124)   0.00020 (09012124)
3617395.0 | 0.00034 (07111024)   0.00035 (07111024)   0.00034 (07111024)   0.00035 (07111024)   0.00028 (07111024)
3617245.0 | 0.00029 (09011324)   0.00030 (10010624)   0.00030 (10010624)   0.00030 (07111024)   0.00032 (08122124)
3617095.0 | 0.00028 (09011324)   0.00026 (08122124)   0.00026 (10010624)   0.00027 (10010624)   0.00030 (08011824)
3616945.0 | 0.00024 (09011324)   0.00026 (09011324)   0.00025 (08122124)   0.00026 (08122124)   0.00029 (08011824)
3616795.0 | 0.00022 (09011324)   0.00024 (09011324)   0.00024 (09011324)   0.00025 (08122124)   0.00029 (08011824)
3616645.0 | 0.00019 (09122524)   0.00021 (09011324)   0.00023 (09011324)   0.00023 (09011324)   0.00026 (08011924)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                               *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	487712.11	487862.11	488012.11	488162.11	488312.11
3616495.0	0.00019 (09122524)	0.00019 (09112624)	0.00021 (08020624)	0.00023 (09011324)	0.00024 (09011324)
3616345.0	0.00018 (09122524)	0.00019 (08020624)	0.00019 (09112624)	0.00021 (09112624)	0.00023 (09011324)
3616195.0	0.00018 (09122524)	0.00017 (09122524)	0.00019 (09112624)	0.00020 (09112624)	0.00021 (09011324)
3616045.0	0.00017 (09122524)	0.00017 (09122524)	0.00018 (09112624)	0.00019 (09112624)	0.00019m(09112524)
3615895.0	0.00016 (09122524)	0.00016 (09122524)	0.00017 (09112624)	0.00017 (07121524)	0.00018m(09112524)
3615745.0	0.00016 (09122524)	0.00016 (09122524)	0.00016 (09112624)	0.00017m(09112524)	0.00017m(09112524)
3615595.0	0.00015 (09122524)	0.00015 (09112624)	0.00015 (07121524)	0.00016m(09112524)	0.00017m(09112524)
3615445.0	0.00014 (09122524)	0.00014 (09122524)	0.00015 (07121524)	0.00015m(09112524)	0.00016m(09112524)
3615295.0	0.00014 (09122524)	0.00013 (07121524)	0.00014 (07121524)	0.00015m(09112524)	0.00015m(09112524)
3615145.0	0.00013 (09122524)	0.00013 (07121524)	0.00014 (07121524)	0.00014m(09112524)	0.00015 (10010324)
3614995.0	0.00012 (09122524)	0.00013 (07121524)	0.00013 (07121524)	0.00014 (10010324)	0.00014 (10010324)
3614845.0	0.00012 (08011824)	0.00012 (07121524)	0.00013 (07121524)	0.00013 (10010324)	0.00014 (10010324)
3614695.0	0.00012 (08011824)	0.00012 (07121524)	0.00012 (07121524)	0.00013 (10010324)	0.00014 (10010324)
3614545.0	0.00011 (08011824)	0.00012 (07121524)	0.00012 (07121524)	0.00013 (10010324)	0.00013 (10010324)
3614395.0	0.00011 (08011824)	0.00011 (07121524)	0.00011 (07121524)	0.00012 (10010324)	0.00013 (10010324)
3614245.0	0.00011 (08011824)	0.00011 (07121524)	0.00011 (09122524)	0.00012 (10010324)	0.00012 (10010324)
3614095.0	0.00010 (08011824)	0.00010 (07121524)	0.00011 (09122524)	0.00011 (10010324)	0.00012 (10010324)
3613945.0	0.00010 (08011824)	0.00010 (07121524)	0.00010 (09122524)	0.00011 (10010324)	0.00012 (10010324)
3613795.0	0.00010 (08011824)	0.00010 (07121524)	0.00010 (09122524)	0.00011 (10010324)	0.00011 (10010324)
3613645.0	0.00010 (08011824)	0.00009 (09122524)	0.00010 (09122524)	0.00010 (10010324)	0.00011 (10010324)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                             *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	488462.11	488612.11	488762.11	488912.11	489062.11
3622495.0	0.00003 (08112224)	0.00003 (08112224)	0.00003 (08112224)	0.00003 (08112224)	0.00004 (10011624)
3622345.0	0.00003 (08112224)	0.00003 (08112224)	0.00004 (08112224)	0.00004 (08112224)	0.00004 (06121524)
3622195.0	0.00002c(06122024)	0.00003c(07031324)	0.00004 (08112224)	0.00004 (08112224)	0.00004 (06121524)
3622045.0	0.00003 (08112224)	0.00003 (08112224)	0.00003c(06122024)	0.00005 (08112224)	0.00005 (08121924)
3621895.0	0.00003 (06121524)	0.00003 (08112224)	0.00003 (08112224)	0.00003 (08121924)	0.00008 (08121924)
3621745.0	0.00003 (06121524)	0.00004 (09122924)	0.00004 (07111024)	0.00004 (07111024)	0.00004 (07111024)
3621595.0	0.00003 (08112224)	0.00005 (08112224)	0.00005 (07111024)	0.00004 (07111024)	0.00004c(09010524)
3621445.0	0.00004 (08112224)	0.00007 (08112224)	0.00006 (08112224)	0.00004c(09010524)	0.00005 (10020824)
3621295.0	0.00004 (08112224)	0.00008 (08112224)	0.00006 (08112224)	0.00005 (09020424)	0.00007 (08121924)
3621145.0	0.00005 (08112224)	0.00009 (08112224)	0.00006 (08112224)	0.00005 (09020424)	0.00006 (09020424)
3620995.0	0.00007 (08112224)	0.00007 (08112224)	0.00012 (08112224)	0.00007 (08121924)	0.00007 (10111524)
3620845.0	0.00006 (08112224)	0.00009 (08112224)	0.00011 (08112224)	0.00008 (08121924)	0.00009 (10111524)
3620695.0	0.00007 (10111524)	0.00010 (08112224)	0.00014 (08112224)	0.00011 (08121924)	0.00017 (10111524)
3620545.0	0.00006 (10110524)	0.00008 (10111524)	0.00015 (10111524)	0.00013 (08121924)	0.00032 (10111524)
3620395.0	0.00008 (10110524)	0.00008 (10110524)	0.00017 (10111524)	0.00020 (10111524)	0.00031 (10111524)
3620245.0	0.00009 (08122424)	0.00011 (08122424)	0.00013 (08122424)	0.00026 (10111524)	0.00024 (10111524)
3620095.0	0.00018 (10020824)	0.00014 (10020824)	0.00019 (10020824)	0.00037 (10111524)	0.00029 (10111524)
3619945.0	0.00024 (10020824)	0.00023 (10020824)	0.00029 (07111124)	0.00044 (10111524)	0.00050m(07101724)
3619795.0	0.00047m(07101724)	0.00044 (10021024)	0.00044 (10021024)	0.00048 (10111524)	0.00041 (10111524)
3619645.0	0.00033 (10021024)	0.00034 (09122624)	0.00039 (09122624)	0.00049 (10111524)	0.00021 (07111024)
3619495.0	0.00029 (09122624)	0.00033 (09122624)	0.00038 (09122624)	0.00046 (10111524)	0.00020 (09122624)
3619345.0	0.00029 (09122624)	0.00032 (09122624)	0.00039 (09122624)	0.00043 (08101624)	0.00023 (09110124)
3619195.0	0.00028 (09122624)	0.00031 (09122624)	0.00038 (09122624)	0.00033 (08101624)	0.00022 (09110124)
3619045.0	0.00027 (07111024)	0.00029 (07111024)	0.00037 (08011824)	0.00032 (08101624)	0.00026 (09110124)
3618895.0	0.00027 (07111024)	0.00029 (08020624)	0.00035m(09120424)	0.00032 (08101624)	0.00030 (09110124)
3618745.0	0.00026 (08020624)	0.00030 (08122124)	0.00035 (10111524)	0.00030 (08101624)	0.00029 (09110124)
3618595.0	0.00025 (08122124)	0.00031 (08122124)	0.00035 (09011924)	0.00028 (08101624)	0.00026 (09110124)
3618445.0	0.00025 (08122124)	0.00031 (08122124)	0.00032 (09011924)	0.00026 (08101624)	0.00024 (09110124)
3618295.0	0.00025 (08122124)	0.00031 (08011824)	0.00033 (09011924)	0.00024 (09110124)	0.00024 (10010624)
3618145.0	0.00026 (08122124)	0.00031m(09120424)	0.00031 (09011924)	0.00025 (09110124)	0.00022 (10010624)
3617995.0	0.00026 (08122124)	0.00033m(09120424)	0.00033 (09110124)	0.00025 (09110124)	0.00022 (10010624)
3617845.0	0.00026 (08122124)	0.00034m(09120424)	0.00032 (09110124)	0.00025 (09110124)	0.00021 (09011824)
3617695.0	0.00027 (08122124)	0.00035m(09120424)	0.00035 (09110124)	0.00024 (10010324)	0.00021 (09011824)
3617545.0	0.00028 (08122124)	0.00036m(09120424)	0.00035 (09110124)	0.00024 (10010324)	0.00021 (09011824)
3617395.0	0.00033 (10120224)	0.00037m(09120424)	0.00033 (10010624)	0.00025 (10010324)	0.00022 (10010324)
3617245.0	0.00038 (08011824)	0.00041m(09120424)	0.00033 (08101624)	0.00025 (10010324)	0.00023 (10010324)
3617095.0	0.00036 (08011824)	0.00039m(09120424)	0.00034 (10010624)	0.00028 (10010624)	0.00023 (07120424)
3616945.0	0.00033 (08011824)	0.00033m(09120424)	0.00031 (10010624)	0.00029 (10010624)	0.00026 (10010624)
3616795.0	0.00029 (08011924)	0.00029m(09120424)	0.00028 (10010624)	0.00027 (10010624)	0.00027 (10010624)
3616645.0	0.00027 (08011924)	0.00026c(09121624)	0.00026 (10010624)	0.00026 (09011824)	0.00025 (09011824)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                    *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                        INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
            L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
            L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
            L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                         *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                              ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	488462.11	488612.11	488762.11	488912.11	489062.11
3616495.0	0.00025 (08011924)	0.00025c(09121624)	0.00024 (10010624)	0.00024 (09011824)	0.00023 (09011824)
3616345.0	0.00023 (08011924)	0.00023c(09121624)	0.00023c(09121624)	0.00022 (09011824)	0.00022 (09011824)
3616195.0	0.00021 (09011324)	0.00021c(09121624)	0.00021c(09121624)	0.00020 (09011824)	0.00021 (09011824)
3616045.0	0.00019m(09120424)	0.00020 (10013024)	0.00020c(09121624)	0.00019 (09011824)	0.00020 (09011824)
3615895.0	0.00018 (10013024)	0.00019 (10013024)	0.00019c(09121624)	0.00018 (09011324)	0.00018 (09011824)
3615745.0	0.00018 (10013024)	0.00018 (10013024)	0.00018c(09121624)	0.00018 (09011324)	0.00017 (09011324)
3615595.0	0.00017 (10013024)	0.00017 (10013024)	0.00017 (10013024)	0.00017 (09011324)	0.00017 (09011324)
3615445.0	0.00017 (10013024)	0.00017 (10013024)	0.00016 (10013024)	0.00016 (09011324)	0.00016 (09011324)
3615295.0	0.00016 (10013024)	0.00016 (10013024)	0.00016 (10013024)	0.00015 (10013024)	0.00015 (09011324)
3615145.0	0.00015m(09112524)	0.00015 (10013024)	0.00015 (10013024)	0.00014 (10013024)	0.00014 (09112324)
3614995.0	0.00015 (10010324)	0.00015m(09112524)	0.00014 (10013024)	0.00014 (10010424)	0.00014 (09112324)
3614845.0	0.00014 (10010324)	0.00014m(09112524)	0.00014m(09112524)	0.00014 (10010424)	0.00014 (10010424)
3614695.0	0.00014 (10010324)	0.00014m(09112524)	0.00014m(09112524)	0.00013 (10010424)	0.00013 (10010424)
3614545.0	0.00013 (10010324)	0.00013m(09112524)	0.00013m(09112524)	0.00013m(09112524)	0.00013 (10010424)
3614395.0	0.00013 (10010324)	0.00013m(09112524)	0.00013m(09112524)	0.00013m(09112524)	0.00013 (10010424)
3614245.0	0.00012 (10010324)	0.00012m(09112524)	0.00013m(09112524)	0.00013m(09112524)	0.00012 (09122524)
3614095.0	0.00012 (10010324)	0.00012m(09112524)	0.00013m(09112524)	0.00012m(09112524)	0.00012m(09112524)
3613945.0	0.00012 (10010324)	0.00012m(09112524)	0.00012m(09112524)	0.00012m(09112524)	0.00012m(09112524)
3613795.0	0.00011 (10010324)	0.00012 (08101624)	0.00012m(09112524)	0.00012m(09112524)	0.00012m(09112524)
3613645.0	0.00011 (10010324)	0.00011m(09112524)	0.00011m(09112524)	0.00012m(09112524)	0.00011m(09112524)

```
*** AERMOD - VERSION  12345 ***   *** H:\RECON\6514\Air\SE-Encanto\SE-Encanto.isc                           ***        01/20/15
                                  ***                                                                       ***        16:24:25
                                                                                                                       PAGE 110
**MODELOPTs:  RegDFAULT CONC                                              ELEV      FLGPOL


                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0017541    , L0017542    , L0017543    , L0017544    , L0017545    ,
                L0017546    , L0017547    , L0017548    , L0017549    , L0017550    , L0017551    , L0017552    , L0017553    ,
                L0017554    , L0017555    , L0017556    , L0017557    , L0017558    , L0017559    , L0017560    , L0017561    ,
                L0017562    , L0017563    , L0017564    , L0017565    , L0017566    , L0017567    , L0017568    ,  . . .      ,

                                  *** NETWORK ID: UCART24  ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3                          **

 Y-COORD  |                                                 X-COORD (METERS)
 (METERS) |       489212.11               489362.11               489512.11               489662.11               489812.11
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3622495.0 |      0.00010 (07112924)      0.00014 (10011624)      0.00006 (08112224)      0.00004 (09050924)      0.00004m(10053124)
3622345.0 |      0.00011 (07112924)      0.00013 (10011624)      0.00008 (08112224)      0.00005 (08112224)      0.00004m(10053124)
3622195.0 |      0.00010 (08121924)      0.00016 (07112924)      0.00010 (08112224)      0.00005 (08112224)      0.00005m(10053124)
3622045.0 |      0.00009 (08121924)      0.00017 (07112924)      0.00014 (08112224)      0.00007 (08112224)      0.00007 (08112224)
3621895.0 |      0.00011 (08121924)      0.00015 (10010324)      0.00019 (09110124)      0.00015 (08112224)      0.00008 (08112224)
3621745.0 |      0.00007 (08121924)      0.00013 (08121924)      0.00021 (07112924)      0.00015 (08112224)      0.00007 (08112224)
3621595.0 |      0.00006 (08121924)      0.00013 (08121924)      0.00021 (07112924)      0.00018 (08112224)      0.00009 (08112224)
3621445.0 |      0.00006 (10111524)      0.00010 (08121924)      0.00020 (07112924)      0.00020 (10010324)      0.00015 (08112224)
3621295.0 |      0.00008 (10111524)      0.00011 (09011424)      0.00017 (07112924)      0.00018 (09110124)      0.00017c(08110724)
3621145.0 |      0.00010 (10111524)      0.00016 (10111524)      0.00015 (07112924)      0.00015 (09110124)      0.00017 (10010324)
3620995.0 |      0.00014 (10111524)      0.00018 (10111524)      0.00014 (09011424)      0.00013 (09110124)      0.00018 (10010324)
3620845.0 |      0.00016 (10111524)      0.00015 (09011424)      0.00013 (09011424)      0.00011 (09110124)      0.00016 (10010324)
3620695.0 |      0.00024 (10111524)      0.00013 (09020424)      0.00012 (09011424)      0.00012 (09011424)      0.00015 (07102524)
3620545.0 |      0.00017 (08112224)      0.00010 (08121924)      0.00013 (09020424)      0.00015 (09011424)      0.00020 (10111524)
3620395.0 |      0.00014 (08121924)      0.00013 (08121924)      0.00022 (10111524)      0.00025 (10111524)      0.00024 (10111524)
3620245.0 |      0.00016 (08121924)      0.00019 (08121924)      0.00030 (10111524)      0.00030 (10111524)      0.00028 (10111524)
3620095.0 |      0.00026 (08122424)      0.00037 (10111524)      0.00038 (10111524)      0.00037 (07111124)      0.00036 (07111124)
3619945.0 |      0.00045m(07101724)      0.00033 (10021024)      0.00029 (10021024)      0.00028 (10021024)      0.00023 (07111024)
3619795.0 |      0.00027 (07111024)      0.00021 (07111024)      0.00019 (07111024)      0.00020 (07111024)      0.00019 (07111024)
3619645.0 |      0.00018 (07111024)      0.00017 (07111024)      0.00016 (07111024)      0.00021 (07111024)      0.00018 (07111024)
3619495.0 |      0.00019 (09122624)      0.00016 (07111024)      0.00018 (07111024)      0.00020 (09122624)      0.00020 (08121924)
3619345.0 |      0.00021 (09122624)      0.00020 (09122624)      0.00018 (07111024)      0.00021 (09122624)      0.00022 (09122624)
3619195.0 |      0.00022 (10010324)      0.00020 (09122624)      0.00019 (09122624)      0.00020 (09122624)      0.00022 (10110524)
3619045.0 |      0.00025 (10010324)      0.00020 (10010324)      0.00020 (09122624)      0.00022 (09011424)      0.00023 (10110524)
3618895.0 |      0.00021 (10010324)      0.00021 (10010324)      0.00022 (09011424)      0.00020 (09122624)      0.00019 (09122624)
3618745.0 |      0.00028 (09110124)      0.00023 (10010324)      0.00019 (10010324)      0.00018 (09122624)      0.00020 (10010624)
3618595.0 |      0.00025 (09110124)      0.00021 (10010324)      0.00018 (10010324)      0.00017 (08122124)      0.00019 (08122124)
3618445.0 |      0.00024 (09110124)      0.00021 (10010324)      0.00018 (07120424)      0.00018 (08122124)      0.00019 (08122124)
3618295.0 |      0.00022 (09110124)      0.00022 (10010324)      0.00020 (10010324)      0.00019 (10010624)      0.00018 (08122124)
3618145.0 |      0.00022 (10010624)      0.00020 (10010324)      0.00019 (10010324)      0.00018 (10010324)      0.00019 (10010324)
3617995.0 |      0.00021 (10010624)      0.00019 (09110124)      0.00019 (10010324)      0.00019 (10010324)      0.00019 (10010324)
3617845.0 |      0.00020 (10010624)      0.00019 (09110124)      0.00019 (10010324)      0.00019 (10010324)      0.00019 (10010324)
3617695.0 |      0.00020 (10010624)      0.00018 (10010324)      0.00018 (10010324)      0.00018 (10010324)      0.00018 (10010324)
3617545.0 |      0.00021 (10010624)      0.00018 (10010624)      0.00018 (10010324)      0.00018 (10010324)      0.00018 (10010324)
3617395.0 |      0.00021 (10010624)      0.00018 (10010624)      0.00017 (09121924)      0.00018 (10010324)      0.00019 (10010324)
3617245.0 |      0.00021 (09011824)      0.00019 (10010624)      0.00018 (10010624)      0.00018 (10010324)      0.00018 (10010324)
3617095.0 |      0.00021 (10010624)      0.00020 (10010624)      0.00018 (10010324)      0.00018 (10010324)      0.00018 (10010324)
3616945.0 |      0.00022 (10010624)      0.00020 (10010624)      0.00019 (07120424)      0.00017 (10010324)      0.00017 (10010324)
3616795.0 |      0.00024 (10010624)      0.00021 (10010624)      0.00018 (10010624)      0.00017 (10010324)      0.00017 (10010324)
3616645.0 |      0.00025 (10010324)      0.00023 (10010624)      0.00020 (10010624)      0.00018 (10010324)      0.00017 (10010324)
```

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                    *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                        INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
            L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
            L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
            L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                         *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                              ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	489212.11	489362.11	489512.11	489662.11	489812.11
3616495.0	0.00023 (09011824)	0.00024 (09011824)	0.00022 (10010624)	0.00019 (10010624)	0.00018 (10010324)
3616345.0	0.00022 (09011824)	0.00022 (09011824)	0.00023 (09011324)	0.00020 (10010624)	0.00018 (10010324)
3616195.0	0.00021 (09011824)	0.00021 (09011824)	0.00023 (09011824)	0.00020 (09011324)	0.00018 (10010624)
3616045.0	0.00020 (09011824)	0.00020 (09011824)	0.00022 (09011824)	0.00022 (09011324)	0.00017 (09011324)
3615895.0	0.00019 (09011824)	0.00019 (09011824)	0.00020 (09011824)	0.00022 (09011824)	0.00020 (09011324)
3615745.0	0.00017 (09011824)	0.00018 (09011824)	0.00019 (09011824)	0.00022 (09011824)	0.00020 (09011324)
3615595.0	0.00017 (09011324)	0.00017 (09011824)	0.00018 (09011824)	0.00020 (09011824)	0.00020 (09011324)
3615445.0	0.00016 (09011324)	0.00017 (09011824)	0.00017 (09011824)	0.00019 (09011824)	0.00022 (09110124)
3615295.0	0.00016 (09011324)	0.00016 (09011324)	0.00017 (09011324)	0.00019 (10010324)	0.00022 (09110124)
3615145.0	0.00015 (09011324)	0.00016 (09011324)	0.00017 (09011324)	0.00018 (09011324)	0.00020 (09110124)
3614995.0	0.00014 (09112324)	0.00015 (09011324)	0.00016 (09011824)	0.00019 (10013024)	0.00018 (09110124)
3614845.0	0.00014 (09112324)	0.00015 (09122524)	0.00017 (09122524)	0.00019 (09011324)	0.00017 (09011824)
3614695.0	0.00014 (09122524)	0.00015 (09122524)	0.00017 (09122524)	0.00018 (09011824)	0.00017 (09011824)
3614545.0	0.00013 (09122524)	0.00015 (09122524)	0.00018 (10013024)	0.00019 (09011824)	0.00016 (09110124)
3614395.0	0.00013 (09122524)	0.00015 (09122524)	0.00017 (10013024)	0.00020 (09011824)	0.00016 (09011824)
3614245.0	0.00013 (09122524)	0.00014 (09112624)	0.00017 (10013024)	0.00020 (09011824)	0.00016 (09011824)
3614095.0	0.00013 (09122524)	0.00014 (09112624)	0.00016 (10013024)	0.00019 (09011824)	0.00017 (09011824)
3613945.0	0.00012 (09122524)	0.00013 (09112624)	0.00015 (10013024)	0.00018 (10013024)	0.00019 (09011824)
3613795.0	0.00012 (09122524)	0.00013 (10013024)	0.00015 (10013024)	0.00017 (10013024)	0.00020 (09011824)
3613645.0	0.00012m(09112524)	0.00012m(09112524)	0.00014 (10013024)	0.00016 (10013024)	0.00019 (09011824)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                             *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	489962.11	490112.11	490262.11	490412.11	490562.11
3622495.0	0.00004 (09051524)	0.00004m(07090424)	0.00004 (08112224)	0.00004 (09101724)	0.00004 (09101724)
3622345.0	0.00004 (09051524)	0.00005m(07090424)	0.00005m(07090424)	0.00004 (09101724)	0.00004 (09101724)
3622195.0	0.00005m(10053124)	0.00008m(07090424)	0.00005m(07090424)	0.00005 (09101724)	0.00004 (09101724)
3622045.0	0.00007 (10011624)	0.00005m(07090424)	0.00005m(07090424)	0.00005 (09101724)	0.00004 (09101724)
3621895.0	0.00005 (08112224)	0.00005 (08112224)	0.00006m(07090424)	0.00006 (09101724)	0.00005 (09101724)
3621745.0	0.00006 (08112224)	0.00006 (08112224)	0.00007m(07090424)	0.00007 (09101724)	0.00005 (09101724)
3621595.0	0.00008 (08112224)	0.00007 (08112224)	0.00008m(07090424)	0.00008 (09101724)	0.00006 (10111524)
3621445.0	0.00010 (10011624)	0.00009 (08112224)	0.00010m(07090424)	0.00008 (09101724)	0.00008 (10111524)
3621295.0	0.00015 (09110324)	0.00011 (10011624)	0.00009m(07090424)	0.00010 (09101724)	0.00014 (10111524)
3621145.0	0.00014c(08110724)	0.00019c(06111924)	0.00013m(07090424)	0.00012 (09101724)	0.00022 (10111524)
3620995.0	0.00015c(08110724)	0.00017 (07112924)	0.00023 (10011624)	0.00028m(07090424)	0.00021 (10111524)
3620845.0	0.00017 (10010324)	0.00021 (07112924)	0.00030 (07112924)	0.00028 (10111524)	0.00011 (08112224)
3620695.0	0.00021 (09012024)	0.00025 (07112924)	0.00028 (07112924)	0.00033 (10111524)	0.00014 (08112224)
3620545.0	0.00023 (09012024)	0.00023 (07112924)	0.00020 (07112924)	0.00035 (10111524)	0.00023 (10111524)
3620395.0	0.00019 (07102524)	0.00020 (07112924)	0.00030 (07112924)	0.00040 (10111524)	0.00029 (10111524)
3620245.0	0.00029 (10111524)	0.00034 (09012024)	0.00043 (10011624)	0.00046 (10111524)	0.00023 (10021724)
3620095.0	0.00037 (09012124)	0.00032 (09012024)	0.00047 (09012024)	0.00043 (09110124)	0.00024 (10021724)
3619945.0	0.00025 (07111024)	0.00026 (09011424)	0.00046 (09012024)	0.00047 (09110124)	0.00021 (10021724)
3619795.0	0.00020 (07111024)	0.00022 (09011424)	0.00042 (09011424)	0.00054 (09011824)	0.00022 (10021724)
3619645.0	0.00022 (08121924)	0.00027 (08121924)	0.00033 (09011424)	0.00061 (09011824)	0.00027 (10010924)
3619495.0	0.00022 (08121924)	0.00030 (08121924)	0.00033c(10102824)	0.00058 (09011824)	0.00035 (10010324)
3619345.0	0.00024 (08121924)	0.00029 (08121924)	0.00033m(09120424)	0.00051c(09121624)	0.00053 (09011824)
3619195.0	0.00023 (10110524)	0.00028 (08121924)	0.00033 (10013124)	0.00045c(09121624)	0.00060 (09111024)
3619045.0	0.00023 (09122624)	0.00023 (10013124)	0.00030 (08011924)	0.00038c(09121624)	0.00048 (09110124)
3618895.0	0.00020 (08011824)	0.00020 (10120224)	0.00026 (08101624)	0.00034 (08101624)	0.00040 (10010624)
3618745.0	0.00021 (10010624)	0.00021 (10120224)	0.00025m(09120424)	0.00033 (08101624)	0.00036 (10010624)
3618595.0	0.00020 (08122124)	0.00021 (08011924)	0.00025m(09120424)	0.00030 (08101624)	0.00034 (10010624)
3618445.0	0.00021 (08122124)	0.00022 (08122124)	0.00026 (09011424)	0.00028c(09121624)	0.00034 (10010624)
3618295.0	0.00021 (08122124)	0.00023 (09011424)	0.00026 (09011424)	0.00028 (09011424)	0.00031 (10010624)
3618145.0	0.00020 (08122124)	0.00022 (09011424)	0.00024 (09011424)	0.00026 (09011424)	0.00028 (10010624)
3617995.0	0.00020 (10010324)	0.00021 (09011424)	0.00023 (09011424)	0.00025 (09011424)	0.00027 (10010624)
3617845.0	0.00019 (10010324)	0.00021 (10010324)	0.00022 (09011424)	0.00025 (09011424)	0.00026 (09011424)
3617695.0	0.00019 (10010324)	0.00020 (10010324)	0.00021 (09011424)	0.00024 (09011424)	0.00025 (09011424)
3617545.0	0.00019 (10010324)	0.00020 (10010324)	0.00021 (09011424)	0.00023 (09011424)	0.00025 (09011424)
3617395.0	0.00019 (10010324)	0.00019 (10010324)	0.00021 (09011424)	0.00022 (09011424)	0.00024 (09011424)
3617245.0	0.00019 (10010324)	0.00019 (10010324)	0.00020 (09011424)	0.00021 (08101624)	0.00022 (09011424)
3617095.0	0.00018 (10010324)	0.00018 (10010324)	0.00020 (08101624)	0.00020 (08101624)	0.00021 (10010624)
3616945.0	0.00017 (10010324)	0.00018 (10010324)	0.00019 (08101624)	0.00019 (08101624)	0.00021 (08011824)
3616795.0	0.00017 (10010324)	0.00017 (10010324)	0.00018 (08101624)	0.00019 (08101624)	0.00020 (08011824)
3616645.0	0.00018 (10010324)	0.00018 (10010324)	0.00017 (07120424)	0.00018 (08101624)	0.00019 (08101624)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                               *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

 Y-COORD | X-COORD (METERS)
 (METERS) | 489962.11   490112.11   490262.11   490412.11   490562.11
- -

3616495.0 | 0.00018 (10010324)   0.00018 (10010324)   0.00017 (10010324)   0.00018 (07120424)   0.00018 (07120424)
3616345.0 | 0.00018 (10010324)   0.00018 (10010324)   0.00017 (10010324)   0.00017 (07120424)   0.00018 (10010624)
3616195.0 | 0.00017 (10010324)   0.00017 (10010324)   0.00017 (10010324)   0.00017 (08011824)   0.00018 (08011824)
3616045.0 | 0.00017 (10010324)   0.00017 (10010324)   0.00016 (07120424)   0.00017 (07120424)   0.00018 (08011824)
3615895.0 | 0.00016 (10010324)   0.00016 (10010324)   0.00016 (10010624)   0.00016 (07120424)   0.00017 (08011824)
3615745.0 | 0.00018 (09011324)   0.00016 (09011324)   0.00016 (07120424)   0.00016 (10010624)   0.00017 (10010624)
3615595.0 | 0.00018 (09011324)   0.00017 (09011324)   0.00015 (07120424)   0.00016 (07120424)   0.00016 (10010624)
3615445.0 | 0.00017 (09011324)   0.00017 (09011324)   0.00016 (09011324)   0.00015 (07120424)   0.00016 (07120424)
3615295.0 | 0.00017 (09011324)   0.00016 (09011324)   0.00016 (09011324)   0.00016 (09011324)   0.00015 (07120424)
3615145.0 | 0.00018 (09011324)   0.00016 (09011324)   0.00016 (09011324)   0.00016 (09011324)   0.00015 (09011324)
3614995.0 | 0.00017 (09011324)   0.00016 (09011324)   0.00016 (09011324)   0.00016 (09011324)   0.00015 (09011324)
3614845.0 | 0.00016 (09011324)   0.00016 (09011324)   0.00016 (09011324)   0.00015 (09011324)   0.00015 (09011324)
3614695.0 | 0.00016 (09011324)   0.00016 (09011324)   0.00015 (09011324)   0.00015 (09011324)   0.00015 (09011324)
3614545.0 | 0.00015 (09011324)   0.00016 (09011324)   0.00015 (09011324)   0.00015 (09011324)   0.00014 (09011324)
3614395.0 | 0.00015 (09110124)   0.00015 (09011324)   0.00015 (09011324)   0.00014 (09011324)   0.00014 (09011324)
3614245.0 | 0.00015 (09110124)   0.00015 (09011324)   0.00015 (09011324)   0.00014 (09011324)   0.00014 (09011324)
3614095.0 | 0.00015 (09110124)   0.00014 (09011324)   0.00014 (09011324)   0.00014 (09011324)   0.00013 (09011324)
3613945.0 | 0.00015 (09110124)   0.00014 (09011324)   0.00014 (09011324)   0.00014 (09011324)   0.00013 (09011324)
3613795.0 | 0.00015 (09011824)   0.00014 (10010324)   0.00013 (09011324)   0.00013 (09011324)   0.00013 (09011324)
3613645.0 | 0.00016 (09011824)   0.00013 (10010324)   0.00013 (10010324)   0.00013 (09011324)   0.00013 (09011324)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                               *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	490712.11	490862.11	491012.11	491162.11	491312.11
3622495.0	0.00003 (08082124)	0.00003m(07111624)	0.00003m(07111624)	0.00003m(07111624)	0.00004 (09101724)
3622345.0	0.00004 (10111524)	0.00003m(07111624)	0.00003m(07111624)	0.00003 (08112224)	0.00005 (09101724)
3622195.0	0.00005 (10111524)	0.00004m(07111624)	0.00003m(07111624)	0.00003 (09101724)	0.00006 (10111524)
3622045.0	0.00005 (10111524)	0.00005m(07111624)	0.00004 (09101724)	0.00004 (09101724)	0.00007 (10111524)
3621895.0	0.00004m(07111624)	0.00009 (10111524)	0.00004 (09101724)	0.00007 (10111524)	0.00009 (10111524)
3621745.0	0.00005 (10111524)	0.00005m(07111624)	0.00008 (10111524)	0.00011 (10111524)	0.00005 (09101724)
3621595.0	0.00005m(07111624)	0.00007 (10111524)	0.00012 (10111524)	0.00007 (09101724)	0.00004 (09101724)
3621445.0	0.00009 (10111524)	0.00014 (10111524)	0.00010 (10111524)	0.00005 (09101724)	0.00005 (09101724)
3621295.0	0.00018 (10111524)	0.00012 (10111524)	0.00005 (09101724)	0.00005 (09101724)	0.00008 (10111524)
3621145.0	0.00011 (10111524)	0.00007 (08112224)	0.00006 (09101724)	0.00010 (10111524)	0.00014 (10111524)
3620995.0	0.00009 (08112224)	0.00007 (10111524)	0.00011 (10111524)	0.00017 (10111524)	0.00014 (10111524)
3620845.0	0.00010 (08112224)	0.00011 (10111524)	0.00019 (10111524)	0.00017 (10111524)	0.00009 (10111524)
3620695.0	0.00013 (10111524)	0.00020 (10111524)	0.00020 (10111524)	0.00012 (10111524)	0.00007 (10100224)
3620545.0	0.00023 (10111524)	0.00016 (10111524)	0.00014 (10111524)	0.00009 (10100224)	0.00008 (10100224)
3620395.0	0.00021 (10111524)	0.00013 (10111524)	0.00009 (07102524)	0.00009 (10021724)	0.00008 (10021724)
3620245.0	0.00017 (09012124)	0.00015c(06010524)	0.00012 (09012124)	0.00010 (09012124)	0.00009 (09012124)
3620095.0	0.00017 (10021724)	0.00014c(06010524)	0.00011 (07091524)	0.00010b(10101624)	0.00011m(09091524)
3619945.0	0.00019 (10021724)	0.00014m(08123124)	0.00015m(08123124)	0.00012 (10021724)	0.00012 (10111524)
3619795.0	0.00019 (09012124)	0.00018 (10021724)	0.00016m(08123124)	0.00015m(08123124)	0.00011m(08123124)
3619645.0	0.00020 (09012124)	0.00018 (10021724)	0.00016 (10021724)	0.00015m(08123124)	0.00014m(08123124)
3619495.0	0.00024m(08103024)	0.00019 (10021724)	0.00017 (10021724)	0.00017 (10021724)	0.00015m(08123124)
3619345.0	0.00028m(08103024)	0.00020 (09012124)	0.00019 (10021724)	0.00019 (10021724)	0.00019 (10111524)
3619195.0	0.00049 (09012024)	0.00025m(08123124)	0.00026c(06010524)	0.00019 (10021724)	0.00023 (10111524)
3619045.0	0.00058 (10010224)	0.00041m(07090124)	0.00033c(06010524)	0.00028 (10111524)	0.00025 (10111524)
3618895.0	0.00051 (09111024)	0.00064 (10092524)	0.00044c(06010524)	0.00034 (10111524)	0.00028 (10111524)
3618745.0	0.00044 (09110124)	0.00057 (09011824)	0.00068m(08123124)	0.00039m(07090124)	0.00029 (07083024)
3618595.0	0.00043 (09110124)	0.00050 (09011824)	0.00066 (09011824)	0.00054m(08123124)	0.00029m(07090124)
3618445.0	0.00037 (09110124)	0.00046 (09110124)	0.00059 (09011824)	0.00066m(08123124)	0.00038m(08123124)
3618295.0	0.00035 (10010624)	0.00042 (09110124)	0.00050 (09011824)	0.00061 (09111024)	0.00051m(08123124)
3618145.0	0.00034 (10010624)	0.00039 (09110124)	0.00047 (09110124)	0.00068 (09110124)	0.00039 (10092524)
3617995.0	0.00032 (10010624)	0.00036 (10010624)	0.00045 (09110124)	0.00067 (09111024)	0.00038 (10021724)
3617845.0	0.00030 (10010624)	0.00035 (10010624)	0.00043 (09110124)	0.00061 (09110124)	0.00037 (09111024)
3617695.0	0.00029 (10010624)	0.00033 (10010624)	0.00040 (10010624)	0.00064 (09110124)	0.00047 (09111024)
3617545.0	0.00028 (10010624)	0.00032 (10010624)	0.00039 (10010624)	0.00062 (09110124)	0.00047 (09110124)
3617395.0	0.00026 (10010624)	0.00031 (10010624)	0.00039 (08101624)	0.00062 (09110124)	0.00048 (09110124)
3617245.0	0.00025 (10010624)	0.00030 (10010624)	0.00038m(09120424)	0.00060 (09110124)	0.00047 (09110124)
3617095.0	0.00024 (10010624)	0.00028 (10010624)	0.00038m(09120424)	0.00057 (09110124)	0.00046 (09110124)
3616945.0	0.00023 (10010624)	0.00027 (10010624)	0.00037m(09120424)	0.00054 (09110124)	0.00045 (09110124)
3616795.0	0.00022 (08011824)	0.00026 (08011824)	0.00035m(09120424)	0.00052 (10010624)	0.00045 (09111024)
3616645.0	0.00021 (08011824)	0.00024 (08011824)	0.00030 (10013024)	0.00043c(09121624)	0.00045 (09111024)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	490712.11	490862.11	491012.11	491162.11	491312.11
3616495.0	0.00020 (08011824)	0.00024 (10013024)	0.00029 (10013024)	0.00037c(09121624)	0.00045 (09110124)
3616345.0	0.00020 (08011824)	0.00024 (10013024)	0.00027 (10013024)	0.00033c(09121624)	0.00039 (09110124)
3616195.0	0.00019 (10013024)	0.00022 (10013024)	0.00026 (10013024)	0.00030c(09121624)	0.00033 (09110124)
3616045.0	0.00019 (10013024)	0.00021 (10013024)	0.00024 (10013024)	0.00027c(09121624)	0.00030 (10010624)
3615895.0	0.00018 (10013024)	0.00021 (10013024)	0.00023 (10013024)	0.00025c(09121624)	0.00028 (10010624)
3615745.0	0.00017 (10013024)	0.00019 (10013024)	0.00021 (10013024)	0.00023c(09121624)	0.00025 (10010624)
3615595.0	0.00017 (10013024)	0.00018c(09121624)	0.00020c(09121624)	0.00022c(09121624)	0.00024 (10010624)
3615445.0	0.00016c(09121624)	0.00017c(09121624)	0.00019c(09121624)	0.00020c(09121624)	0.00022 (10010624)
3615295.0	0.00015c(09121624)	0.00017c(09121624)	0.00018c(09121624)	0.00020c(09121624)	0.00021 (10010624)
3615145.0	0.00015c(09121624)	0.00016c(09121624)	0.00018c(09121624)	0.00019c(09121624)	0.00021 (10010624)
3614995.0	0.00015 (09011324)	0.00016c(09121624)	0.00018c(09121624)	0.00018c(09121624)	0.00021 (10010624)
3614845.0	0.00015 (09011324)	0.00016c(09121624)	0.00017c(09121624)	0.00018c(09121624)	0.00019 (10010624)
3614695.0	0.00015 (09011324)	0.00015c(09121624)	0.00017c(09121624)	0.00018c(09121624)	0.00019 (10010624)
3614545.0	0.00014 (09011324)	0.00015c(09121624)	0.00016c(09121624)	0.00017c(09121624)	0.00018 (10010624)
3614395.0	0.00014 (09011324)	0.00014c(09121624)	0.00015c(09121624)	0.00016c(09121624)	0.00017c(09121624)
3614245.0	0.00013 (09011324)	0.00014c(09121624)	0.00015c(09121624)	0.00015c(09121624)	0.00016c(09121624)
3614095.0	0.00013 (09011324)	0.00013 (10013024)	0.00014c(09121624)	0.00014c(09121624)	0.00015c(09121624)
3613945.0	0.00013 (09011324)	0.00013 (10013024)	0.00013c(09121624)	0.00014c(09121624)	0.00014c(09121624)
3613795.0	0.00012 (09011324)	0.00013 (10013024)	0.00013c(09121624)	0.00013c(09121624)	0.00013c(09121624)
3613645.0	0.00012 (09011324)	0.00012 (10013024)	0.00012c(09121624)	0.00013c(09121624)	0.00013c(09121624)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                               *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	491462.11	491612.11	491762.11	491912.11	492062.11
3622495.0	0.00003 (10101424)	0.00004 (10111524)	0.00004 (10111524)	0.00004 (10111524)	0.00007 (10111524)
3622345.0	0.00003 (09101724)	0.00006 (10111524)	0.00003m(07111624)	0.00007 (10111524)	0.00006 (10111524)
3622195.0	0.00006 (10111524)	0.00005 (10111524)	0.00004 (10111524)	0.00009 (10111524)	0.00004m(07111624)
3622045.0	0.00006 (10111524)	0.00005 (10111524)	0.00009 (10111524)	0.00008 (10111524)	0.00004m(07111624)
3621895.0	0.00004 (09101724)	0.00008 (10111524)	0.00009 (10111524)	0.00004m(07111624)	0.00004m(07111624)
3621745.0	0.00004 (09101724)	0.00011 (10111524)	0.00008 (10111524)	0.00005m(07111624)	0.00005 (10111524)
3621595.0	0.00005 (09101724)	0.00011 (10111524)	0.00006 (10111524)	0.00006 (10111524)	0.00006 (10111524)
3621445.0	0.00011 (10111524)	0.00011 (10111524)	0.00009 (10111524)	0.00006 (10111524)	0.00006 (10111524)
3621295.0	0.00012 (10111524)	0.00011 (10111524)	0.00006 (10111524)	0.00005m(07111624)	0.00005 (10111524)
3621145.0	0.00013 (10111524)	0.00009 (10111524)	0.00008 (10111524)	0.00007 (10111524)	0.00006 (10111524)
3620995.0	0.00010 (10111524)	0.00007 (10111524)	0.00006 (10111524)	0.00004 (10111524)	0.00005 (09011924)
3620845.0	0.00008 (10111524)	0.00008 (10111524)	0.00006 (10111524)	0.00006 (09011924)	0.00005 (10100224)
3620695.0	0.00007 (10100224)	0.00007 (10100224)	0.00007 (10100224)	0.00007 (10100224)	0.00006 (10100224)
3620545.0	0.00008 (10100224)	0.00007 (10100224)	0.00007 (10021724)	0.00008 (10021724)	0.00007 (10021724)
3620395.0	0.00007c(08100224)	0.00008c(08100224)	0.00008 (10021724)	0.00008 (10021724)	0.00007 (10021724)
3620245.0	0.00009m(09091524)	0.00011m(09091524)	0.00010m(09091524)	0.00011m(09091524)	0.00010m(09091524)
3620095.0	0.00011m(09091524)	0.00012m(09091524)	0.00011m(09091524)	0.00011m(09091524)	0.00011m(09091524)
3619945.0	0.00013 (10111524)	0.00012b(10101624)	0.00011b(10101624)	0.00011b(10101624)	0.00011b(10101624)
3619795.0	0.00013 (10111524)	0.00010 (10021724)	0.00011 (10021724)	0.00011 (10021724)	0.00011 (10021724)
3619645.0	0.00012 (10111524)	0.00011 (10021724)	0.00011 (10021724)	0.00012 (10021724)	0.00011 (10021724)
3619495.0	0.00013m(08123124)	0.00013b(10101624)	0.00013 (10021724)	0.00012 (10021724)	0.00012 (10021724)
3619345.0	0.00014m(08123124)	0.00014b(10101624)	0.00014b(10101624)	0.00014b(10101624)	0.00013b(10101624)
3619195.0	0.00016b(10101624)	0.00016b(10101624)	0.00016b(10101624)	0.00016b(10101624)	0.00015b(10101624)
3619045.0	0.00022 (10111524)	0.00020b(10101624)	0.00018b(10101624)	0.00017b(10101624)	0.00015b(10101624)
3618895.0	0.00023b(10101624)	0.00021b(10101624)	0.00018b(10101624)	0.00016b(10101624)	0.00015b(10101624)
3618745.0	0.00023 (10021724)	0.00018m(08123124)	0.00016m(08123124)	0.00015m(08123124)	0.00014m(08123124)
3618595.0	0.00021m(07090124)	0.00017m(07090124)	0.00014m(08123124)	0.00014m(08123124)	0.00013m(08123124)
3618445.0	0.00024 (09110324)	0.00018m(07090124)	0.00015m(07090124)	0.00013m(08123124)	0.00012m(08123124)
3618295.0	0.00027 (09110324)	0.00021 (09110324)	0.00015m(08123124)	0.00015m(07090124)	0.00013m(08123124)
3618145.0	0.00040m(08123124)	0.00025 (09110324)	0.00020 (09110324)	0.00018 (07083024)	0.00015 (07083024)
3617995.0	0.00033m(08123124)	0.00035m(08123124)	0.00024 (09110324)	0.00019m(07090124)	0.00018 (07083024)
3617845.0	0.00033 (10021724)	0.00038m(08123124)	0.00030m(08123124)	0.00021 (09110324)	0.00017 (09110324)
3617695.0	0.00034 (10021724)	0.00032m(08123124)	0.00035m(08123124)	0.00026m(08123124)	0.00019 (09110324)
3617545.0	0.00033 (09020224)	0.00029 (10021724)	0.00030m(08123124)	0.00030m(08123124)	0.00022m(08123124)
3617395.0	0.00034 (09111024)	0.00028 (10021724)	0.00025 (10092524)	0.00028m(08123124)	0.00026m(08123124)
3617245.0	0.00034 (09111024)	0.00028 (09020224)	0.00027 (10021724)	0.00023m(08123124)	0.00025m(08123124)
3617095.0	0.00036 (09111024)	0.00028 (09020224)	0.00025 (10021724)	0.00021 (10092524)	0.00023m(08123124)
3616945.0	0.00036 (09110124)	0.00026 (09111024)	0.00024 (09020224)	0.00023 (10021724)	0.00020m(08123124)
3616795.0	0.00037 (09110124)	0.00029 (09111024)	0.00025 (09020224)	0.00022 (10021724)	0.00020 (10021724)
3616645.0	0.00037 (09110124)	0.00030 (09111024)	0.00023 (10092624)	0.00022 (09020224)	0.00021 (10021724)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                    *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                        INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
            L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
            L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
            L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                         *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                              ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

 Y-COORD | X-COORD (METERS)
 (METERS) | 491462.11   491612.11   491762.11   491912.11   492062.11
- -

3616495.0 | 0.00037 (09111024)   0.00032 (09110124)   0.00024 (09011824)   0.00022 (09011324)   0.00020 (10021724)
3616345.0 | 0.00039 (09111024)   0.00032 (09111024)   0.00026 (09111024)   0.00021 (10010924)   0.00018 (09020224)
3616195.0 | 0.00037 (09110124)   0.00035 (09111024)   0.00029 (09111024)   0.00023 (09011324)   0.00021 (09011324)
3616045.0 | 0.00035 (09110124)   0.00033 (09110124)   0.00032c(06012224)   0.00028 (09011324)   0.00022 (09011324)
3615895.0 | 0.00031 (09110124)   0.00031 (09110124)   0.00030c(06012224)   0.00032 (09011324)   0.00025 (09011324)
3615745.0 | 0.00028 (09110124)   0.00030 (09110124)   0.00029 (09110124)   0.00032 (09111024)   0.00026 (09011324)
3615595.0 | 0.00026 (09110124)   0.00028 (09110124)   0.00028 (09110124)   0.00029c(06012224)   0.00029 (10092624)
3615445.0 | 0.00024 (10010624)   0.00026 (09110124)   0.00027 (09110124)   0.00026 (09110124)   0.00032c(06012224)
3615295.0 | 0.00023 (10010624)   0.00025 (09110124)   0.00026 (09110124)   0.00026 (09110124)   0.00029c(06012224)
3615145.0 | 0.00022 (10010624)   0.00023 (09110124)   0.00025 (09110124)   0.00025 (09110124)   0.00026 (09111024)
3614995.0 | 0.00021 (10010624)   0.00021 (09110124)   0.00024 (09110124)   0.00025 (09110124)   0.00025 (09110124)
3614845.0 | 0.00021 (10010624)   0.00020 (10010624)   0.00022 (09110124)   0.00024 (09110124)   0.00023 (09110124)
3614695.0 | 0.00020 (10010624)   0.00019 (10010624)   0.00021 (09110124)   0.00023 (09110124)   0.00023 (09110124)
3614545.0 | 0.00019 (10010624)   0.00019 (10010624)   0.00020 (09110124)   0.00023 (09110124)   0.00022 (09110124)
3614395.0 | 0.00017 (10010624)   0.00018 (10010624)   0.00018 (09110124)   0.00021 (09110124)   0.00021 (09110124)
3614245.0 | 0.00016 (10010624)   0.00017 (10010624)   0.00017 (10010624)   0.00020 (09110124)   0.00019 (09110124)
3614095.0 | 0.00015 (10010624)   0.00016 (10010624)   0.00017 (10010624)   0.00017 (09110124)   0.00019 (09110124)
3613945.0 | 0.00014 (10010624)   0.00015 (10010624)   0.00016 (10010624)   0.00016 (09110124)   0.00017 (09110124)
3613795.0 | 0.00013c(09121624)   0.00014 (10010624)   0.00014 (10010624)   0.00015 (09110124)   0.00016 (09110124)
3613645.0 | 0.00013c(09121624)   0.00013 (10010624)   0.00014 (10010624)   0.00014 (09110124)   0.00015 (09110124)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                               *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS) 492212.11	492362.11	492512.11	492662.11	492812.11
3622495.0	0.00004m(07111624)	0.00003m(07111624)	0.00003m(07111624)	0.00002m(07111624)	0.00002m(07111624)
3622345.0	0.00004m(07111624)	0.00003m(07111624)	0.00003m(07111624)	0.00002m(07111624)	0.00002m(07111624)
3622195.0	0.00003m(07111624)	0.00003m(07111624)	0.00003m(07111624)	0.00002m(07111624)	0.00002m(07111624)
3622045.0	0.00004m(07111624)	0.00004m(07111624)	0.00003 (10021724)	0.00003 (10021724)	0.00002 (10021724)
3621895.0	0.00004m(07111624)	0.00003m(07111624)	0.00003 (10021724)	0.00002 (10021724)	0.00002 (10021724)
3621745.0	0.00004m(07111624)	0.00003 (10021724)	0.00003 (10021724)	0.00002 (10101424)	0.00002 (10101424)
3621595.0	0.00004m(07111624)	0.00003 (10021724)	0.00003 (10101424)	0.00002 (10101424)	0.00002m(07101724)
3621445.0	0.00004 (10111524)	0.00003 (10101424)	0.00003m(07101724)	0.00002m(07101724)	0.00002m(07101724)
3621295.0	0.00004m(07111624)	0.00004 (10021724)	0.00003 (10021724)	0.00002m(07101724)	0.00002m(07101724)
3621145.0	0.00005 (10111524)	0.00004m(07101724)	0.00003 (10021724)	0.00002m(07101724)	0.00003m(07101724)
3620995.0	0.00005 (09011924)	0.00004 (10021724)	0.00003m(07101724)	0.00004 (10100224)	0.00003m(07101724)
3620845.0	0.00006 (10100224)	0.00005 (10100224)	0.00005 (10100224)	0.00003 (10100224)	0.00003 (10100224)
3620695.0	0.00005 (10100224)	0.00004 (10100224)	0.00003 (10100224)	0.00004 (10021724)	0.00006 (10021724)
3620545.0	0.00006 (10021724)	0.00006 (10021724)	0.00005 (10021724)	0.00007 (10021724)	0.00009 (09012124)
3620395.0	0.00007 (10021724)	0.00009 (09012124)	0.00009m(09091524)	0.00010m(09091524)	0.00005 (07091524)
3620245.0	0.00009m(09091524)	0.00011m(09091524)	0.00012m(09091524)	0.00009m(09091524)	0.00006m(09091524)
3620095.0	0.00012m(09091524)	0.00012m(09091524)	0.00010m(09091524)	0.00006 (07091524)	0.00007m(09091524)
3619945.0	0.00011b(10101624)	0.00010b(10101624)	0.00009b(10101624)	0.00005b(10101624)	0.00005b(10101624)
3619795.0	0.00011b(10101624)	0.00009 (10021724)	0.00006 (10021724)	0.00005b(10101624)	0.00004b(10101624)
3619645.0	0.00011 (10021724)	0.00007 (08021924)	0.00006 (08021924)	0.00005 (08021924)	0.00005 (08021924)
3619495.0	0.00010b(10101624)	0.00006b(10101624)	0.00007b(10101624)	0.00005 (08021924)	0.00006b(10101624)
3619345.0	0.00009b(10101624)	0.00009b(10101624)	0.00009b(10101624)	0.00008b(10101624)	0.00005b(10101624)
3619195.0	0.00013b(10101624)	0.00012b(10101624)	0.00012b(10101624)	0.00010b(10101624)	0.00009b(10101624)
3619045.0	0.00014b(10101624)	0.00012b(10101624)	0.00012b(10101624)	0.00011b(10101624)	0.00011b(10101624)
3618895.0	0.00013b(10101624)	0.00012b(10101624)	0.00011b(10101624)	0.00010b(10101624)	0.00009b(10101624)
3618745.0	0.00012b(10101624)	0.00011b(10101624)	0.00011b(10101624)	0.00010b(10101624)	0.00009b(10101624)
3618595.0	0.00012m(08123124)	0.00010m(08123124)	0.00009b(10101624)	0.00007b(10101624)	0.00005 (08080824)
3618445.0	0.00012m(08123124)	0.00010m(08123124)	0.00008m(08123124)	0.00007m(08123124)	0.00005b(10101624)
3618295.0	0.00013m(08123124)	0.00011m(08123124)	0.00010m(08123124)	0.00007m(08123124)	0.00005 (10100324)
3618145.0	0.00015 (07083024)	0.00011m(08123124)	0.00010m(08123124)	0.00008m(08123124)	0.00006m(08123124)
3617995.0	0.00016 (07083024)	0.00013 (07083024)	0.00010m(08123124)	0.00009m(08123124)	0.00006m(08123124)
3617845.0	0.00015 (07083024)	0.00014 (07083024)	0.00011 (07083024)	0.00010 (07083024)	0.00007m(08123124)
3617695.0	0.00016 (09110324)	0.00013m(07090124)	0.00009m(08123124)	0.00008m(08123124)	0.00007m(08123124)
3617545.0	0.00015 (09110324)	0.00013 (09110324)	0.00011 (09110324)	0.00009m(08123124)	0.00010 (07083024)
3617395.0	0.00019m(08123124)	0.00015 (09110324)	0.00013 (09110324)	0.00011 (09110324)	0.00008m(08123124)
3617245.0	0.00023m(08123124)	0.00017m(08123124)	0.00013 (09110324)	0.00011 (09110324)	0.00009 (09110324)
3617095.0	0.00023m(08123124)	0.00021m(08123124)	0.00015m(08123124)	0.00012 (09110324)	0.00010 (09110324)
3616945.0	0.00022m(08123124)	0.00022m(08123124)	0.00019m(08123124)	0.00014m(08123124)	0.00011 (09110324)
3616795.0	0.00021m(08123124)	0.00022m(08123124)	0.00021m(08123124)	0.00017m(08123124)	0.00012m(08123124)
3616645.0	0.00019m(08123124)	0.00020m(08123124)	0.00019m(08123124)	0.00019m(08123124)	0.00015m(08123124)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                    *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                        INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
          L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
          L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
          L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                         *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                              ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	492212.11	492362.11	492512.11	492662.11	492812.11
3616495.0	0.00018m(08123124)	0.00018m(08123124)	0.00018m(08123124)	0.00020m(08123124)	0.00018m(08123124)
3616345.0	0.00019 (10021724)	0.00018m(08123124)	0.00020m(08123124)	0.00020m(08123124)	0.00019m(08123124)
3616195.0	0.00019 (10021724)	0.00018m(08123124)	0.00018m(08123124)	0.00019m(08123124)	0.00020m(08123124)
3616045.0	0.00019 (10021724)	0.00019 (10021724)	0.00018m(08123124)	0.00019m(08123124)	0.00020m(08123124)
3615895.0	0.00021 (09011324)	0.00017 (10021724)	0.00017 (10021724)	0.00017m(08123124)	0.00018m(08123124)
3615745.0	0.00021 (09011324)	0.00019 (09011324)	0.00018 (10021724)	0.00015m(08123124)	0.00015m(08123124)
3615595.0	0.00025 (09011324)	0.00020 (09011324)	0.00016 (10021724)	0.00015 (10021724)	0.00014m(08123124)
3615445.0	0.00025 (09011324)	0.00022 (09011324)	0.00018 (09011324)	0.00016 (10021724)	0.00013 (09022824)
3615295.0	0.00026 (10092624)	0.00021 (10010924)	0.00019 (09011324)	0.00015 (10021724)	0.00014 (10021724)
3615145.0	0.00032c(06012224)	0.00019 (10010924)	0.00017 (09011324)	0.00016 (09011324)	0.00014 (10021724)
3614995.0	0.00030c(06012224)	0.00020 (10092624)	0.00016 (10010924)	0.00017 (09011324)	0.00014 (09011324)
3614845.0	0.00027 (09111024)	0.00027 (10092624)	0.00015 (10010924)	0.00015 (09011324)	0.00016 (09011324)
3614695.0	0.00024 (09110124)	0.00031c(06012224)	0.00016 (09020224)	0.00015 (10010924)	0.00016 (09011324)
3614545.0	0.00023 (09110124)	0.00028 (09111024)	0.00020 (09020224)	0.00015 (10092524)	0.00016m(08123124)
3614395.0	0.00022 (09110124)	0.00025 (09110124)	0.00027 (09111024)	0.00017 (10092524)	0.00016 (09011324)
3614245.0	0.00021 (09110124)	0.00024 (09110124)	0.00031c(06012224)	0.00020 (10092624)	0.00014 (10092524)
3614095.0	0.00021 (09110124)	0.00021 (09110124)	0.00026 (09111024)	0.00023 (10092624)	0.00016 (09011324)
3613945.0	0.00019 (09110124)	0.00020 (09110124)	0.00024 (09110124)	0.00030c(06012224)	0.00018 (10092624)
3613795.0	0.00018 (09110124)	0.00019 (09110124)	0.00021 (09110124)	0.00028c(06012224)	0.00022 (09011324)
3613645.0	0.00016 (09110124)	0.00017 (09110124)	0.00019 (09110124)	0.00023 (09111024)	0.00027c(06012224)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                             *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	492962.11	493112.11	493262.11	493412.11	493562.11
3622495.0	0.00001 (10101524)	0.00001 (10101524)	0.00001 (10101524)	0.00001 (10101524)	0.00001 (10101524)
3622345.0	0.00002m(07111624)	0.00002m(07111624)	0.00001 (10101524)	0.00001 (10101524)	0.00001 (10101524)
3622195.0	0.00002 (10021724)	0.00002 (10021724)	0.00001 (10101524)	0.00002m(07111624)	0.00002m(07101724)
3622045.0	0.00002 (10021724)	0.00001 (10101524)	0.00001m(07101724)	0.00001m(07101724)	0.00001m(07101724)
3621895.0	0.00002 (10021724)	0.00001m(07101724)	0.00001m(07101724)	0.00001m(07101724)	0.00001m(07101724)
3621745.0	0.00002m(07101724)	0.00001m(07101724)	0.00001m(07101724)	0.00001m(07101724)	0.00001m(07101724)
3621595.0	0.00001m(07101724)	0.00001m(07101724)	0.00001m(07101724)	0.00001m(07101724)	0.00001m(07101724)
3621445.0	0.00002m(07101724)	0.00002m(07101724)	0.00002m(07101724)	0.00001 (07122824)	0.00002 (07122824)
3621295.0	0.00002m(07101724)	0.00002m(07101724)	0.00002m(07101724)	0.00003m(07101724)	0.00003m(07101724)
3621145.0	0.00003m(07101724)	0.00003m(07101724)	0.00003m(07101724)	0.00005m(07101724)	0.00006m(07101724)
3620995.0	0.00003m(07101724)	0.00004m(07101724)	0.00006m(09091524)	0.00007 (08112324)	0.00005 (10021724)
3620845.0	0.00004 (07122824)	0.00007m(09091524)	0.00006 (08112324)	0.00004 (10021724)	0.00003 (07111024)
3620695.0	0.00008 (10021724)	0.00006 (10021724)	0.00003 (08011324)	0.00002 (07111024)	0.00002 (08020624)
3620545.0	0.00006 (09012124)	0.00004 (09012124)	0.00003 (09012024)	0.00002 (09110724)	0.00003 (08020624)
3620395.0	0.00003 (07091524)	0.00003 (09012024)	0.00003 (09110724)	0.00003 (08020624)	0.00002 (08020624)
3620245.0	0.00004m(09091524)	0.00004m(09091524)	0.00003 (08020624)	0.00003 (08020624)	0.00003m(09091524)
3620095.0	0.00004m(09091524)	0.00003m(09091524)	0.00003 (08020624)	0.00003 (08020624)	0.00003c(08121124)
3619945.0	0.00004b(10101624)	0.00003b(10101624)	0.00003b(10101624)	0.00003b(10101624)	0.00003b(10101624)
3619795.0	0.00004b(10101624)	0.00003b(10101624)	0.00003 (10021724)	0.00004 (10021724)	0.00004 (10021724)
3619645.0	0.00004b(10101624)	0.00004b(10101624)	0.00004 (07091524)	0.00005 (10021724)	0.00003 (07091524)
3619495.0	0.00005 (08021924)	0.00005b(10101624)	0.00006b(10101624)	0.00004b(10101624)	0.00004b(10101624)
3619345.0	0.00006b(10101624)	0.00006b(10101624)	0.00006b(10101624)	0.00005b(10101624)	0.00006b(10101624)
3619195.0	0.00009b(10101624)	0.00007b(10101624)	0.00008b(10101624)	0.00007b(10101624)	0.00007b(10101624)
3619045.0	0.00010b(10101624)	0.00009b(10101624)	0.00009b(10101624)	0.00008b(10101624)	0.00008b(10101624)
3618895.0	0.00008b(10101624)	0.00008b(10101624)	0.00007 (10021724)	0.00006b(10101624)	0.00005b(10101624)
3618745.0	0.00006 (08080824)	0.00005 (08080824)	0.00006 (10021724)	0.00005 (09061824)	0.00004 (09061824)
3618595.0	0.00004 (08080824)	0.00004 (08080824)	0.00006 (08080824)	0.00004 (08080824)	0.00003 (09061824)
3618445.0	0.00004 (08080824)	0.00004 (08080824)	0.00005 (08080824)	0.00004 (08080824)	0.00004 (08080824)
3618295.0	0.00004 (10100324)	0.00004 (08091724)	0.00004 (08080824)	0.00004 (08080824)	0.00004 (08080824)
3618145.0	0.00005 (10100324)	0.00004 (10100324)	0.00004 (10100324)	0.00005m(07090124)	0.00004 (08091724)
3617995.0	0.00005m(08123124)	0.00004 (10100324)	0.00005b(10101624)	0.00005b(10101624)	0.00005 (10100324)
3617845.0	0.00005m(08123124)	0.00006b(10101624)	0.00006b(10101624)	0.00005b(10101624)	0.00004b(10101624)
3617695.0	0.00008m(08123124)	0.00006m(08123124)	0.00004b(10101624)	0.00004b(10101624)	0.00004b(10101624)
3617545.0	0.00007m(08123124)	0.00006m(08123124)	0.00004 (10010924)	0.00004 (10010924)	0.00003 (10100324)
3617395.0	0.00006m(08123124)	0.00004m(08123124)	0.00004m(08123124)	0.00004 (10010924)	0.00003 (10010924)
3617245.0	0.00006m(08123124)	0.00006m(08123124)	0.00006m(08123124)	0.00004m(08123124)	0.00004m(08123124)
3617095.0	0.00008 (09110324)	0.00006 (09110324)	0.00005m(08123124)	0.00005m(08123124)	0.00006 (07083024)
3616945.0	0.00009 (09110324)	0.00007 (09110324)	0.00005 (09110324)	0.00007 (07083024)	0.00008 (07083024)
3616795.0	0.00008 (09110324)	0.00007 (09110324)	0.00007 (09110324)	0.00010m(07090124)	0.00009 (07083024)
3616645.0	0.00010 (10010924)	0.00010 (09110324)	0.00010 (09110324)	0.00011m(07090124)	0.00006 (09110324)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

*** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS) 492962.11	493112.11	493262.11	493412.11	493562.11
3616495.0	0.00014m(08123124)	0.00012m(08123124)	0.00011 (09110324)	0.00009 (09110324)	0.00005 (09110324)
3616345.0	0.00018m(08123124)	0.00015m(08123124)	0.00012m(08123124)	0.00009 (09110324)	0.00005 (09110324)
3616195.0	0.00019m(08123124)	0.00017m(08123124)	0.00014m(08123124)	0.00008m(08123124)	0.00006 (09110324)
3616045.0	0.00020m(08123124)	0.00018m(08123124)	0.00016m(08123124)	0.00011m(08123124)	0.00008m(08123124)
3615895.0	0.00018m(08123124)	0.00018m(08123124)	0.00016m(08123124)	0.00013m(08123124)	0.00009m(08123124)
3615745.0	0.00016m(08123124)	0.00015m(08123124)	0.00015m(08123124)	0.00013m(08123124)	0.00011m(08123124)
3615595.0	0.00014m(08123124)	0.00015m(08123124)	0.00013m(08123124)	0.00012m(08123124)	0.00012m(08123124)
3615445.0	0.00013 (09111124)	0.00013m(08123124)	0.00014m(08123124)	0.00013m(08123124)	0.00012m(08123124)
3615295.0	0.00013 (09111124)	0.00012 (10092524)	0.00012m(08123124)	0.00013m(08123124)	0.00012m(08123124)
3615145.0	0.00011 (09022824)	0.00012 (09111124)	0.00011 (10092524)	0.00013m(08123124)	0.00011m(08123124)
3614995.0	0.00013 (10021724)	0.00011 (09111124)	0.00011 (09111124)	0.00012m(08123124)	0.00012m(08123124)
3614845.0	0.00013 (10021724)	0.00011 (09022824)	0.00010 (09111124)	0.00011 (10092524)	0.00011m(08123124)
3614695.0	0.00014m(08123124)	0.00012m(08123124)	0.00011 (09111124)	0.00011 (09111124)	0.00011 (10092524)
3614545.0	0.00015m(08123124)	0.00012m(08123124)	0.00011m(08123124)	0.00011 (09111124)	0.00011m(08123124)
3614395.0	0.00014m(08123124)	0.00014m(08123124)	0.00012m(08123124)	0.00010m(08123124)	0.00011 (09111124)
3614245.0	0.00014m(08123124)	0.00014m(08123124)	0.00013m(08123124)	0.00012m(08123124)	0.00011m(08123124)
3614095.0	0.00014 (10092524)	0.00012m(08123124)	0.00013m(08123124)	0.00013m(08123124)	0.00011m(08123124)
3613945.0	0.00015 (10092524)	0.00013 (10092524)	0.00013m(08123124)	0.00013m(08123124)	0.00013m(08123124)
3613795.0	0.00016 (09011324)	0.00014 (09022824)	0.00013m(08123124)	0.00013m(08123124)	0.00013m(08123124)
3613645.0	0.00018 (09011324)	0.00014 (09022824)	0.00013 (09022824)	0.00012m(08123124)	0.00012m(08123124)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                               *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	493712.11	493862.11	494012.11	494162.11	494312.11
3622495.0	0.00001 (10101524)	0.00001 (10101524)	0.00001 (10101524)	0.00001 (10101524)	0.00001 (10101524)
3622345.0	0.00001 (10101524)	0.00001 (10101524)	0.00001m(07101724)	0.00001m(07101724)	0.00001m(07101724)
3622195.0	0.00001m(07101724)	0.00001m(07101724)	0.00001 (10101524)	0.00001m(07101724)	0.00001m(07101724)
3622045.0	0.00001m(07101724)	0.00001 (10101524)	0.00001m(07101724)	0.00001c(10041524)	0.00001m(07101724)
3621895.0	0.00001m(07101724)	0.00001 (07122824)	0.00001m(07101724)	0.00001 (07122824)	0.00002 (07122824)
3621745.0	0.00001 (07122824)	0.00001m(07101724)	0.00001 (07122824)	0.00002 (07122824)	0.00003 (07122824)
3621595.0	0.00001 (07122824)	0.00002 (07122824)	0.00002 (07122824)	0.00003 (07122824)	0.00005m(07101724)
3621445.0	0.00002 (07122824)	0.00002 (07122824)	0.00004m(07101724)	0.00006 (09110724)	0.00005 (09011924)
3621295.0	0.00004m(07101724)	0.00005m(07101724)	0.00006 (09110724)	0.00005 (08020624)	0.00003 (08011824)
3621145.0	0.00006 (09110724)	0.00005 (09110724)	0.00004 (08020624)	0.00003 (08020624)	0.00002 (08011824)
3620995.0	0.00004 (10021724)	0.00004 (08020624)	0.00003 (08020624)	0.00002 (08101624)	0.00002 (08101624)
3620845.0	0.00003 (08020624)	0.00003 (08020624)	0.00002 (08020624)	0.00002 (08101624)	0.00001 (09012024)
3620695.0	0.00003 (08020624)	0.00002 (08020624)	0.00002 (09012024)	0.00002 (09012024)	0.00002 (09012024)
3620545.0	0.00003 (09012024)	0.00002 (09012024)	0.00001 (09012024)	0.00002 (09012024)	0.00002 (09012024)
3620395.0	0.00003 (07091524)	0.00002 (09012024)	0.00002 (10083124)	0.00002 (07091524)	0.00003 (07091524)
3620245.0	0.00002c(08122924)	0.00002 (08123024)	0.00002m(09091524)	0.00002c(08121124)	0.00002 (10010424)
3620095.0	0.00002 (08123024)	0.00003c(08121124)	0.00002 (10110424)	0.00002 (08123024)	0.00002 (10010424)
3619945.0	0.00003b(10101624)	0.00002 (10110424)	0.00002 (08123024)	0.00001 (08123024)	0.00002 (10010424)
3619795.0	0.00003 (10021724)	0.00002 (10110424)	0.00002 (10110424)	0.00002 (10110424)	0.00002 (10110424)
3619645.0	0.00004 (10021724)	0.00003 (10021724)	0.00003 (10021724)	0.00002 (10110424)	0.00002 (10110424)
3619495.0	0.00004b(10101624)	0.00004b(10101624)	0.00003b(10101624)	0.00003 (07091524)	0.00003 (10021724)
3619345.0	0.00005b(10101624)	0.00005b(10101624)	0.00005b(10101624)	0.00005b(10101624)	0.00004b(10101624)
3619195.0	0.00007b(10101624)	0.00006b(10101624)	0.00006b(10101624)	0.00005b(10101624)	0.00005 (10021724)
3619045.0	0.00007b(10101624)	0.00006b(10101624)	0.00005b(10101624)	0.00005b(10101624)	0.00003 (08080824)
3618895.0	0.00004b(10101624)	0.00004b(10101624)	0.00004b(10101624)	0.00002b(10101624)	0.00002 (06071924)
3618745.0	0.00003 (09061824)	0.00003 (09061824)	0.00003 (09061824)	0.00002 (06071924)	0.00002 (06071924)
3618595.0	0.00003 (09061824)	0.00003 (09061824)	0.00003 (09061824)	0.00003 (09061824)	0.00002 (08091724)
3618445.0	0.00003 (08080824)	0.00003 (08080824)	0.00003 (08091724)	0.00002 (08091724)	0.00002 (08091724)
3618295.0	0.00004 (08080824)	0.00003 (08080824)	0.00003 (08080824)	0.00003 (08091724)	0.00002 (08091724)
3618145.0	0.00004 (08091724)	0.00004m(09071924)	0.00004 (08080824)	0.00003 (08091724)	0.00003 (08091724)
3617995.0	0.00004 (10100324)	0.00004 (10100324)	0.00003 (08091724)	0.00003 (08091724)	0.00003 (08091724)
3617845.0	0.00004 (10100324)	0.00003 (10100324)	0.00003 (10100324)	0.00003 (08091724)	0.00003 (08091724)
3617695.0	0.00003 (10100324)	0.00003 (10100324)	0.00003 (10100324)	0.00003 (10100324)	0.00003 (10100324)
3617545.0	0.00003 (10100324)	0.00003 (10100324)	0.00004b(10101624)	0.00004b(10101624)	0.00004b(10101624)
3617395.0	0.00003 (10100324)	0.00004b(10101624)	0.00006b(10101624)	0.00006b(10101624)	0.00005b(10101624)
3617245.0	0.00004m(07090124)	0.00006 (07083024)	0.00006b(10101624)	0.00004b(10101624)	0.00004b(10101624)
3617095.0	0.00007 (07083024)	0.00007 (07083024)	0.00005 (07083024)	0.00004m(07090124)	0.00003m(07090124)
3616945.0	0.00008 (07083024)	0.00008 (07083024)	0.00004 (07083024)	0.00004m(07090124)	0.00004 (07083024)
3616795.0	0.00008 (07083024)	0.00007 (07083024)	0.00006 (07083024)	0.00006 (07083024)	0.00004 (07083024)
3616645.0	0.00004 (08111624)	0.00003 (10010924)	0.00003 (10010924)	0.00004 (07083024)	0.00002 (10010924)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                               *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	493712.11	493862.11	494012.11	494162.11	494312.11
3616495.0	0.00004 (10010924)	0.00004 (10010924)	0.00003 (10010924)	0.00003 (10010924)	0.00003 (10010924)
3616345.0	0.00004 (09110324)	0.00004 (09110324)	0.00003 (10010924)	0.00003 (10010924)	0.00003 (10010924)
3616195.0	0.00005 (09110324)	0.00004 (09110324)	0.00004 (09110324)	0.00004 (09110324)	0.00003 (10010924)
3616045.0	0.00006 (09110324)	0.00005 (09110324)	0.00005m(07090124)	0.00005m(07090124)	0.00004 (09110324)
3615895.0	0.00007m(08123124)	0.00006 (09110324)	0.00004 (10010924)	0.00004 (10010924)	0.00003 (10010924)
3615745.0	0.00008m(08123124)	0.00007 (10010924)	0.00005 (10010924)	0.00004 (10010924)	0.00004 (10010924)
3615595.0	0.00009m(08123124)	0.00007m(08123124)	0.00006 (10010924)	0.00005 (10010924)	0.00004 (10010924)
3615445.0	0.00010m(08123124)	0.00009m(08123124)	0.00007m(08123124)	0.00006 (10010924)	0.00004 (10010924)
3615295.0	0.00011m(08123124)	0.00011m(08123124)	0.00008m(08123124)	0.00006 (10010924)	0.00005 (10010924)
3615145.0	0.00010m(08123124)	0.00010m(08123124)	0.00009m(08123124)	0.00007m(08123124)	0.00005 (10010924)
3614995.0	0.00010m(08123124)	0.00009m(08123124)	0.00009m(08123124)	0.00009m(08123124)	0.00007m(08123124)
3614845.0	0.00009m(08123124)	0.00009m(08123124)	0.00008m(08123124)	0.00010m(08123124)	0.00008m(08123124)
3614695.0	0.00010m(08123124)	0.00010m(08123124)	0.00009m(08123124)	0.00009m(08123124)	0.00010m(08123124)
3614545.0	0.00011m(08123124)	0.00011m(08123124)	0.00009m(08123124)	0.00009m(08123124)	0.00010m(08123124)
3614395.0	0.00011m(08123124)	0.00011m(08123124)	0.00009m(08123124)	0.00008m(08123124)	0.00011m(08123124)
3614245.0	0.00011m(08123124)	0.00011m(08123124)	0.00009 (10092524)	0.00009m(08123124)	0.00011m(08123124)
3614095.0	0.00011m(08123124)	0.00010m(08123124)	0.00010m(08123124)	0.00011m(08123124)	0.00011m(08123124)
3613945.0	0.00011m(08123124)	0.00010m(08123124)	0.00010m(08123124)	0.00010m(08123124)	0.00011m(08123124)
3613795.0	0.00011m(08123124)	0.00011m(08123124)	0.00010m(08123124)	0.00010m(08123124)	0.00010m(08123124)
3613645.0	0.00011m(08123124)	0.00011m(08123124)	0.00010m(08123124)	0.00009m(08123124)	0.00009m(08123124)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                            *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                 ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	494462.11	494612.11	494762.11	494912.11	495062.11
3622495.0	0.00001m(07101724)	0.00001m(07101724)	0.00001m(07101724)	0.00002m(07101724)	0.00003 (08012924)
3622345.0	0.00001m(07101724)	0.00001m(07101724)	0.00002m(07101724)	0.00004 (08012924)	0.00004 (10010624)
3622195.0	0.00002m(07101724)	0.00002 (07122824)	0.00003 (07122824)	0.00004 (10010624)	0.00003 (08112124)
3622045.0	0.00002 (07122824)	0.00003 (07122824)	0.00005 (08020624)	0.00003 (08112324)	0.00003 (08112124)
3621895.0	0.00003 (07122824)	0.00006 (08020624)	0.00004 (08112324)	0.00003 (08112124)	0.00002 (08112124)
3621745.0	0.00005 (08020624)	0.00005 (08112324)	0.00002 (08112124)	0.00002 (08112124)	0.00002 (08112124)
3621595.0	0.00005 (08112324)	0.00003 (08101624)	0.00002 (08112124)	0.00002 (08112124)	0.00002 (08112124)
3621445.0	0.00003 (08011824)	0.00003 (08112124)	0.00003 (08112124)	0.00002 (08112124)	0.00002 (08112124)
3621295.0	0.00003 (08112124)	0.00003 (08112124)	0.00002 (08112124)	0.00001 (08112124)	0.00001 (08112124)
3621145.0	0.00002 (08101624)	0.00002 (08112124)	0.00002 (08112124)	0.00002 (08112124)	0.00001 (08112124)
3620995.0	0.00001 (08101624)	0.00001 (08112124)	0.00002 (09011624)	0.00001 (08112124)	0.00001 (09012024)
3620845.0	0.00002 (09012024)	0.00001 (09012024)	0.00002 (09012024)	0.00002 (09012024)	0.00002 (09012024)
3620695.0	0.00002 (09012024)	0.00002 (09012024)	0.00002 (09012024)	0.00002 (09012024)	0.00001 (09012024)
3620545.0	0.00002 (07091524)	0.00002 (07091524)	0.00002 (09011624)	0.00002 (09012024)	0.00001 (09011624)
3620395.0	0.00002 (09011624)	0.00002 (09011624)	0.00002 (09011624)	0.00002 (09011624)	0.00001 (09011624)
3620245.0	0.00001 (10010424)	0.00001 (10010424)	0.00002 (10010424)	0.00002 (10010424)	0.00002 (10010424)
3620095.0	0.00002 (10010424)	0.00002 (10010424)	0.00002 (10010424)	0.00002 (10110424)	0.00002 (10110424)
3619945.0	0.00002 (10110424)	0.00002 (10110424)	0.00002 (10010424)	0.00002 (10110424)	0.00002 (10110424)
3619795.0	0.00003b(10101624)	0.00002 (10110424)	0.00002 (10110424)	0.00002b(10101624)	0.00003b(10101624)
3619645.0	0.00003 (10021724)	0.00003 (10021724)	0.00002 (08110424)	0.00003b(10101624)	0.00002 (10110424)
3619495.0	0.00003 (10021724)	0.00003 (10021724)	0.00003 (10021724)	0.00002 (10080424)	0.00002 (10110424)
3619345.0	0.00004b(10101624)	0.00004 (10021724)	0.00004 (10021724)	0.00003 (10021724)	0.00003 (10021724)
3619195.0	0.00004b(10101624)	0.00004b(10101624)	0.00004b(10101624)	0.00003b(10101624)	0.00003b(10101624)
3619045.0	0.00002 (08080824)	0.00003 (08080824)	0.00002 (08080824)	0.00003 (08080824)	0.00002 (08080824)
3618895.0	0.00002 (06071924)	0.00002 (06071924)	0.00002 (08080824)	0.00002 (08080824)	0.00002 (08080824)
3618745.0	0.00002 (06071924)	0.00002 (06071924)	0.00002 (06071924)	0.00002 (06071924)	0.00002 (06071924)
3618595.0	0.00002 (08091724)	0.00002 (08091724)	0.00002 (06071924)	0.00002 (06071924)	0.00001 (06071924)
3618445.0	0.00002 (08091724)	0.00002 (08091724)	0.00002 (08091724)	0.00002 (08091724)	0.00001 (06071924)
3618295.0	0.00002 (08091724)	0.00002 (08091724)	0.00002 (08091724)	0.00002 (08091724)	0.00002 (08091724)
3618145.0	0.00002 (08091724)	0.00003 (08091724)	0.00002 (08091724)	0.00002 (08091724)	0.00002 (08091724)
3617995.0	0.00002 (08091724)	0.00003 (08091724)	0.00003 (08091724)	0.00003 (10100324)	0.00002 (10100324)
3617845.0	0.00003 (08091724)	0.00003 (08091724)	0.00003 (08091724)	0.00002 (08091724)	0.00003 (10100324)
3617695.0	0.00004m(09071924)	0.00004m(09071924)	0.00003 (08091724)	0.00003 (08091724)	0.00003 (10100324)
3617545.0	0.00005b(10101624)	0.00005b(10101624)	0.00004m(09071924)	0.00004m(09071924)	0.00004 (10100324)
3617395.0	0.00005b(10101624)	0.00003 (10100324)	0.00003 (10100324)	0.00003 (10100324)	0.00002 (10100324)
3617245.0	0.00003b(10101624)	0.00003 (10100324)	0.00002 (10100324)	0.00002 (10100324)	0.00002 (10100324)
3617095.0	0.00003m(07090124)	0.00003 (10100324)	0.00002 (10100324)	0.00002 (10100324)	0.00002 (10100324)
3616945.0	0.00004m(07090124)	0.00003m(07090124)	0.00002m(07090124)	0.00002 (10100324)	0.00002 (08091724)
3616795.0	0.00005 (07083024)	0.00005 (07083024)	0.00004m(07090124)	0.00003m(07090124)	0.00003m(07090124)
3616645.0	0.00002 (10010924)	0.00004 (07083024)	0.00002 (10100324)	0.00003m(07090124)	0.00003m(07090124)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                    *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                        INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
            L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
            L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
            L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                         *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                              ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

 Y-COORD | X-COORD (METERS)
 (METERS) | 494462.11   494612.11   494762.11   494912.11   495062.11
- -

3616495.0 | 0.00002 (10010924)   0.00002 (10010924)   0.00001 (10010924)   0.00001 (10100324)   0.00001 (10100324)
3616345.0 | 0.00002 (10010924)   0.00002 (10010924)   0.00001 (10010924)   0.00002 (10100324)   0.00002 (10100324)
3616195.0 | 0.00003 (09110324)   0.00002 (09110324)   0.00002 (09110324)   0.00002 (09110324)   0.00002 (10100324)
3616045.0 | 0.00003 (09110324)   0.00003 (09110324)   0.00003 (09110324)   0.00002 (09110324)   0.00002 (09110324)
3615895.0 | 0.00002 (10010924)   0.00002 (10010924)   0.00003 (09110324)   0.00002 (09110324)   0.00002 (09110324)
3615745.0 | 0.00003 (10010924)   0.00003 (10010924)   0.00003 (09110324)   0.00002 (09110324)   0.00002 (09110324)
3615595.0 | 0.00004m(07090124)   0.00003m(07090124)   0.00003 (09110324)   0.00002 (09110324)   0.00002 (09110324)
3615445.0 | 0.00004 (10010924)   0.00003 (10010924)   0.00003m(07090124)   0.00004m(07090124)   0.00003 (09110324)
3615295.0 | 0.00004 (10010924)   0.00003 (10010924)   0.00003m(07090124)   0.00005m(07090124)   0.00004m(07090124)
3615145.0 | 0.00005 (10010924)   0.00004 (10010924)   0.00004 (10010924)   0.00005m(07090124)   0.00005m(07090124)
3614995.0 | 0.00006 (10010924)   0.00005 (10010924)   0.00004 (10010924)   0.00005m(07090124)   0.00005m(07090124)
3614845.0 | 0.00007 (10010924)   0.00006 (10010924)   0.00005 (10010924)   0.00005 (09110324)   0.00005m(07090124)
3614695.0 | 0.00008m(08123124)   0.00006 (10010924)   0.00006 (10010924)   0.00006 (09110324)   0.00006 (09110324)
3614545.0 | 0.00008m(08123124)   0.00008m(08123124)   0.00007 (10010924)   0.00006 (09110324)   0.00007 (09110324)
3614395.0 | 0.00010m(08123124)   0.00009m(08123124)   0.00008m(08123124)   0.00007 (10010924)   0.00007 (09110324)
3614245.0 | 0.00010m(08123124)   0.00010m(08123124)   0.00009m(08123124)   0.00007m(08123124)   0.00007 (09110324)
3614095.0 | 0.00010m(08123124)   0.00010m(08123124)   0.00009m(08123124)   0.00008m(08123124)   0.00007m(08123124)
3613945.0 | 0.00010m(08123124)   0.00010m(08123124)   0.00009m(08123124)   0.00008m(08123124)   0.00008m(08123124)
3613795.0 | 0.00010m(08123124)   0.00010m(08123124)   0.00009m(08123124)   0.00009m(08123124)   0.00009m(08123124)
3613645.0 | 0.00010m(08123124)   0.00010m(08123124)   0.00009m(08123124)   0.00009m(08123124)   0.00009m(08123124)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                        *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
                  L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
                  L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
                  L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                             *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

 Y-COORD | X-COORD (METERS)
 (METERS) | 495212.11   495362.11   495512.11   495662.11   495812.11
- -

3622495.0 | 0.00003 (10021524)   0.00003m(09091524)   0.00001 (10100224)   0.00001 (10100224)   0.00001 (10100224)
3622345.0 | 0.00003 (08112124)   0.00002 (08112124)   0.00001 (08112124)   0.00001 (07071024)   0.00001 (10100224)
3622195.0 | 0.00002 (08112124)   0.00002 (08112124)   0.00002 (08112124)   0.00001 (08112124)   0.00001 (07071024)
3622045.0 | 0.00002 (08112124)   0.00002 (08112124)   0.00001 (08112124)   0.00001 (08112124)   0.00001 (07071024)
3621895.0 | 0.00002 (08112124)   0.00001 (08112124)   0.00001 (08112124)   0.00001 (08112124)   0.00001 (08112124)
3621745.0 | 0.00002 (08112124)   0.00002 (08112124)   0.00001 (08112124)   0.00001 (08112124)   0.00001 (08112124)
3621595.0 | 0.00002 (08112124)   0.00001 (08112124)   0.00001 (08112124)   0.00001 (08112124)   0.00001 (08112124)
3621445.0 | 0.00001 (08112124)   0.00001 (08112124)   0.00001 (08112124)   0.00001 (08112124)   0.00001 (08112124)
3621295.0 | 0.00001 (08112124)   0.00001 (08112124)   0.00001 (08112124)   0.00001 (08112124)   0.00001 (09012024)
3621145.0 | 0.00001 (08112124)   0.00001 (08112124)   0.00001 (08112124)   0.00001 (09012024)   0.00001 (09012024)
3620995.0 | 0.00001 (09012024)   0.00001 (09012024)   0.00001 (09012024)   0.00002 (09012024)   0.00001 (09012024)
3620845.0 | 0.00001 (09012024)   0.00001 (09012024)   0.00002 (09012024)   0.00002 (09012024)   0.00001 (09012024)
3620695.0 | 0.00002 (09012024)   0.00002 (09012024)   0.00002 (08011324)   0.00002 (08011324)   0.00002 (08011324)
3620545.0 | 0.00001 (09012024)   0.00002 (08011324)   0.00002 (08011324)   0.00002 (08011324)   0.00001 (08011324)
3620395.0 | 0.00001 (08011324)   0.00002 (08011324)   0.00002m(09091524)   0.00001 (08011324)   0.00001 (08011324)
3620245.0 | 0.00002 (10110424)   0.00002m(09091524)   0.00001 (08011324)   0.00001 (10110424)   0.00001 (10110424)
3620095.0 | 0.00002m(09030124)   0.00002 (10110424)   0.00001 (10110424)   0.00002 (10110424)   0.00002 (10110424)
3619945.0 | 0.00002 (10110424)   0.00002 (10110424)   0.00002 (10110424)   0.00002 (10110424)   0.00002 (10110424)
3619795.0 | 0.00002 (10110424)   0.00002 (10110424)   0.00003b(10101624)   0.00002b(10101624)   0.00002 (10110424)
3619645.0 | 0.00002 (10110424)   0.00002b(10101624)   0.00003b(10101624)   0.00002b(10101624)   0.00001 (10110424)
3619495.0 | 0.00002 (08110424)   0.00003 (08110424)   0.00003 (08110424)   0.00002 (08110424)   0.00002 (10121224)
3619345.0 | 0.00003 (10021724)   0.00003 (10021724)   0.00002 (09061824)   0.00002 (09061824)   0.00002 (09061824)
3619195.0 | 0.00003b(10101624)   0.00003 (09061824)   0.00003 (09061824)   0.00003 (09061824)   0.00002 (09061824)
3619045.0 | 0.00003 (08080824)   0.00003 (08080824)   0.00002 (08080824)   0.00002 (08080824)   0.00002 (09061824)
3618895.0 | 0.00002 (08080824)   0.00003 (08080824)   0.00002 (08080824)   0.00002 (08080824)   0.00002 (08080824)
3618745.0 | 0.00002 (08080824)   0.00002 (08080824)   0.00002 (08080824)   0.00001 (08080824)   0.00001 (08080824)
3618595.0 | 0.00002 (06071924)   0.00002 (06071924)   0.00002 (08080824)   0.00001 (06071924)   0.00001 (06071924)
3618445.0 | 0.00001 (06071924)   0.00002 (06071924)   0.00002 (08091724)   0.00001 (06071924)   0.00001 (06071924)
3618295.0 | 0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)   0.00001 (06071924)
3618145.0 | 0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)   0.00001 (08091724)
3617995.0 | 0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)
3617845.0 | 0.00002 (10100324)   0.00002 (10100324)   0.00002 (10100324)   0.00002 (08091724)   0.00002 (08091724)
3617695.0 | 0.00003 (10100324)   0.00003 (10100324)   0.00003 (10100324)   0.00003 (10100324)   0.00002 (10100324)
3617545.0 | 0.00003 (10100324)   0.00002 (10100324)   0.00002 (10100324)   0.00002 (10100324)   0.00002 (10100324)
3617395.0 | 0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)   0.00001 (08091724)
3617245.0 | 0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)   0.00001 (08091724)   0.00001 (08091724)
3617095.0 | 0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)   0.00001 (08091724)
3616945.0 | 0.00002 (08091724)   0.00002 (10100324)   0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)
3616795.0 | 0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)
3616645.0 | 0.00003m(07090124)   0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)   0.00002 (08091724)

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

                    *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                        INCLUDING SOURCE(S):   L0017541   , L0017542   , L0017543   , L0017544   , L0017545   ,
            L0017546   , L0017547   , L0017548   , L0017549   , L0017550   , L0017551   , L0017552   , L0017553   ,
            L0017554   , L0017555   , L0017556   , L0017557   , L0017558   , L0017559   , L0017560   , L0017561   ,
            L0017562   , L0017563   , L0017564   , L0017565   , L0017566   , L0017567   , L0017568   , . . .   ,

                         *** NETWORK ID: UCART24 ; NETWORK TYPE: GRIDCART ***

                              ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	495212.11	495362.11	495512.11	495662.11	495812.11
3616495.0	0.00002 (10100324)	0.00002m(07090124)	0.00001 (08091724)	0.00001 (08091724)	0.00001 (08091724)
3616345.0	0.00002 (10100324)	0.00002 (10100324)	0.00001 (08091724)	0.00001 (08091724)	0.00001 (08091724)
3616195.0	0.00002 (10100324)	0.00002 (10100324)	0.00001 (10100324)	0.00001 (08091724)	0.00001 (08091724)
3616045.0	0.00002 (10100324)	0.00002 (07083024)	0.00002 (10100324)	0.00002 (10100324)	0.00002 (10100324)
3615895.0	0.00002 (09110324)	0.00003 (07083024)	0.00003 (07083024)	0.00002 (10100324)	0.00002 (10100324)
3615745.0	0.00002 (09110324)	0.00003 (07083024)	0.00003 (07083024)	0.00002 (09022824)	0.00002 (10100324)
3615595.0	0.00002 (09110324)	0.00003 (09110324)	0.00003 (07083024)	0.00003 (07083024)	0.00002 (10100324)
3615445.0	0.00002 (09110324)	0.00003 (09110324)	0.00003 (07083024)	0.00003 (07083024)	0.00002 (07083024)
3615295.0	0.00004 (09110324)	0.00004 (09110324)	0.00004m(09071924)	0.00004m(09071924)	0.00003 (07083024)
3615145.0	0.00005m(07090124)	0.00005m(07090124)	0.00004m(07090124)	0.00004m(09071924)	0.00003m(09071924)
3614995.0	0.00006m(07090124)	0.00006m(07090124)	0.00005m(07090124)	0.00004m(07090124)	0.00005m(09071924)
3614845.0	0.00006m(07090124)	0.00007m(07090124)	0.00007m(07090124)	0.00006m(07090124)	0.00005m(09071924)
3614695.0	0.00006m(07090124)	0.00007m(07090124)	0.00006m(07090124)	0.00005m(07090124)	0.00005m(07090124)
3614545.0	0.00007m(07090124)	0.00006m(07090124)	0.00006m(07090124)	0.00006m(07090124)	0.00006m(07090124)
3614395.0	0.00007 (09110324)	0.00006m(07090124)	0.00006m(07090124)	0.00006m(07090124)	0.00005m(07090124)
3614245.0	0.00007 (09110324)	0.00006 (09110324)	0.00006 (09110324)	0.00005 (09110324)	0.00005m(07090124)
3614095.0	0.00006 (09110324)	0.00006 (09110324)	0.00005 (09110324)	0.00005 (09110324)	0.00005 (09110324)
3613945.0	0.00007m(08021024)	0.00006 (10010924)	0.00005 (09110324)	0.00005 (09110324)	0.00005 (09110324)
3613795.0	0.00007m(08123124)	0.00007 (10010924)	0.00006m(08021024)	0.00006 (09110324)	0.00006 (09110324)
3613645.0	0.00008m(08123124)	0.00007m(08123124)	0.00006m(08123124)	0.00006m(07090124)	0.00006m(07090124)

 **MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

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

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00019 AT (491012.11, 3618594.98, 28.20, 28.20, 2.00)	GC	UCART24
	2ND HIGHEST VALUE IS	0.00018 AT (490412.11, 3619794.98, 45.20, 59.00, 2.00)	GC	UCART24
	3RD HIGHEST VALUE IS	0.00018 AT (490712.11, 3619194.98, 37.40, 51.00, 2.00)	GC	UCART24
	4TH HIGHEST VALUE IS	0.00018 AT (491162.11, 3618144.98, 28.00, 41.00, 2.00)	GC	UCART24
	5TH HIGHEST VALUE IS	0.00018 AT (490412.11, 3619644.98, 39.00, 53.00, 2.00)	GC	UCART24
	6TH HIGHEST VALUE IS	0.00018 AT (491012.11, 3618744.98, 25.00, 25.00, 2.00)	GC	UCART24
	7TH HIGHEST VALUE IS	0.00017 AT (490412.11, 3620094.98, 48.00, 48.00, 2.00)	GC	UCART24
	8TH HIGHEST VALUE IS	0.00017 AT (490862.11, 3618744.98, 19.70, 47.00, 2.00)	GC	UCART24
	9TH HIGHEST VALUE IS	0.00017 AT (490562.11, 3619344.98, 35.20, 49.00, 2.00)	GC	UCART24
	10TH HIGHEST VALUE IS	0.00017 AT (491012.11, 3618444.98, 28.00, 28.00, 2.00)	GC	UCART24

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.00068m	ON 08123124: AT (491012.11, 3618744.98, 25.00, 25.00, 2.00)	GC	UCART24

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

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

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

A Total of   0 Fatal Error Message(s)
A Total of   1 Warning Message(s)
A Total of   2179 Informational Message(s)

A Total of   43824 Hours Were Processed

A Total of   1335 Calm Hours Identified

A Total of   844 Missing Hours Identified (1.93 Percent)

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

   ********   WARNING MESSAGES   ********
ME W396   2117 MEOPEN:Met data from outdated version of AERMET, version: 11059

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

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

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

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

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

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:
       1. Stack-tip Downwash.
       2. Model Accounts for ELEVated Terrain Effects.
       3. Use Calms Processing Routine.
       4. Use Missing Data Processing Routine.
       5. No Exponential Decay.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 24-HR
    and Calculates ANNUAL Averages

**This Run Includes: 759 Source(s);   1 Source Group(s); and   4200 Receptor(s)

**The Model Assumes A Pollutant Type of: PM_2.5

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

**Output Options Selected:
        Model Outputs Tables of ANNUAL Averages by Receptor
        Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
        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) =   0.10 ; 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 =   4.3 MB of RAM.

**Detailed Error/Message File: SE-EN-2035_Flat.err
**File for Summary of Results: SE-EN-2035_Flat.sum

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** 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
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1			

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

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

1.54,   3.09,   5.14,   8.23, 10.80,

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL

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

Surface file: ..\..\AERMET\Meteorology\New Data (AERMET 11059)\SANNKXCB.SFC Met Version: 11059
Profile file: ..\..\AERMET\Meteorology\New Data (AERMET 11059)\SANNKXCB.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23188 Upper air station no.: 3190
Name: SAN_DIEGO/LINDBERGH_FIELD Name: UNKNOWN
Year: 2006 Year: 2006

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
06	01	01	1	01	-9.7	0.175	-9.000	-9.000	-999.	168.	49.6	0.12	1.68	1.00	2.36	181.	10.0	287.1	2.0
06	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.20	1.68	1.00	0.00	0.	10.0	287.1	2.0
06	01	01	1	03	-5.0	0.084	-9.000	-9.000	-999.	56.	10.8	0.15	1.68	1.00	1.76	154.	10.0	287.1	2.0
06	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.20	1.68	1.00	0.00	0.	10.0	287.0	2.0
06	01	01	1	05	-17.7	0.268	-9.000	-9.000	-999.	318.	97.9	0.23	1.68	1.00	2.86	83.	10.0	287.1	2.0
06	01	01	1	06	-5.2	0.093	-9.000	-9.000	-999.	96.	14.2	0.30	1.68	1.00	1.63	104.	10.0	286.1	2.0
06	01	01	1	07	-5.1	0.089	-9.000	-9.000	-999.	61.	12.4	0.30	1.68	1.00	1.55	99.	10.0	287.1	2.0
06	01	01	1	08	-7.2	0.210	-9.000	-9.000	-999.	221.	115.5	0.30	1.68	0.49	2.06	91.	10.0	287.1	2.0
06	01	01	1	09	25.0	0.273	0.618	0.005	342.	328.	-73.8	0.30	1.68	0.29	2.16	98.	10.0	288.1	2.0
06	01	01	1	10	54.6	0.223	1.047	0.005	761.	243.	-18.5	0.15	1.68	0.22	1.89	172.	10.0	289.1	2.0
06	01	01	1	11	74.6	0.304	1.207	0.013	856.	385.	-34.0	0.15	1.68	0.20	2.74	174.	10.0	289.1	2.0
06	01	01	1	12	84.0	0.264	1.306	0.016	962.	312.	-19.8	0.15	1.68	0.19	2.25	168.	10.0	289.1	2.0
06	01	01	1	13	82.6	0.254	1.345	0.017	1066.	295.	-18.0	0.12	1.68	0.19	2.28	181.	10.0	289.1	2.0
06	01	01	1	14	70.8	0.319	1.314	0.018	1158.	414.	-41.3	0.15	1.68	0.20	2.93	175.	10.0	290.1	2.0
06	01	01	1	15	48.3	0.404	1.176	0.019	1219.	590.	-123.4	0.12	1.68	0.23	4.20	202.	10.0	290.1	2.0
06	01	01	1	16	25.8	0.403	0.963	0.019	1250.	589.	-229.7	0.12	1.68	0.32	4.29	190.	10.0	289.2	2.0
06	01	01	1	17	-22.7	0.406	-9.000	-9.000	-999.	594.	266.4	0.15	1.68	0.59	4.43	155.	10.0	289.1	2.0
06	01	01	1	18	-18.6	0.337	-9.000	-9.000	-999.	453.	186.3	0.15	1.68	1.00	3.75	166.	10.0	289.1	2.0
06	01	01	1	19	-23.5	0.424	-9.000	-9.000	-999.	634.	293.3	0.15	1.68	1.00	4.61	158.	10.0	288.1	2.0
06	01	01	1	20	-25.7	0.463	-9.000	-9.000	-999.	723.	348.1	0.15	1.68	1.00	5.00	163.	10.0	287.1	2.0
06	01	01	1	21	-17.2	0.309	-9.000	-9.000	-999.	410.	155.0	0.30	1.68	1.00	2.95	109.	10.0	287.1	2.0
06	01	01	1	22	-6.5	0.118	-9.000	-9.000	-999.	133.	22.6	0.23	1.68	1.00	1.76	88.	10.0	287.5	2.0
06	01	01	1	23	-23.0	0.416	-9.000	-9.000	-999.	617.	283.4	0.15	1.68	1.00	4.53	157.	10.0	289.1	2.0
06	01	01	1	24	-26.3	0.475	-9.000	-9.000	-999.	751.	367.6	0.15	1.68	1.00	5.12	164.	10.0	288.1	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
06	01	01	01	10.0	1	181.	2.36	287.2	99.0	-99.00	-99.00

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

 **MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

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

                                 ** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00019 AT (491012.11, 3618594.98, 28.20, 28.20, 2.00)	GC	UCART24
	2ND HIGHEST VALUE IS	0.00018 AT (490412.11, 3619794.98, 45.20, 59.00, 2.00)	GC	UCART24
	3RD HIGHEST VALUE IS	0.00018 AT (490712.11, 3619194.98, 37.40, 51.00, 2.00)	GC	UCART24
	4TH HIGHEST VALUE IS	0.00018 AT (491162.11, 3618144.98, 28.00, 41.00, 2.00)	GC	UCART24
	5TH HIGHEST VALUE IS	0.00018 AT (490412.11, 3619644.98, 39.00, 53.00, 2.00)	GC	UCART24
	6TH HIGHEST VALUE IS	0.00018 AT (491012.11, 3618744.98, 25.00, 25.00, 2.00)	GC	UCART24
	7TH HIGHEST VALUE IS	0.00017 AT (490412.11, 3620094.98, 48.00, 48.00, 2.00)	GC	UCART24
	8TH HIGHEST VALUE IS	0.00017 AT (490862.11, 3618744.98, 19.70, 47.00, 2.00)	GC	UCART24
	9TH HIGHEST VALUE IS	0.00017 AT (490562.11, 3619344.98, 35.20, 49.00, 2.00)	GC	UCART24
	10TH HIGHEST VALUE IS	0.00017 AT (491012.11, 3618444.98, 28.00, 28.00, 2.00)	GC	UCART24

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

 **MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3   **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.00068m	ON 08123124: AT (491012.11, 3618744.98, 25.00, 25.00, 2.00)	GC	UCART24

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

**MODELOPTs: RegDFAULT CONC   ELEV   FLGPOL

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

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

A Total of   0 Fatal Error Message(s)
A Total of   1 Warning Message(s)
A Total of   2179 Informational Message(s)

A Total of   43824 Hours Were Processed

A Total of   1335 Calm Hours Identified

A Total of   844 Missing Hours Identified (1.93 Percent)

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

   ********   WARNING MESSAGES   ********
ME W396   2117 MEOPEN:Met data from outdated version of AERMET, version: 11059